

AMWC 2022

AESTHETIC & ANTI-AGING MEDICINE WORLD CONGRESS

CELEBRATING THE

20th EDITION OF
AMWC MONACO
March 31 • April 1-2



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GRIMALDI FORUM

ABSTRACTS

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AMS



ABSTRACTS

PRE-CONGRESS COURSE

BAY AGUILERA Shino

Wednesday, March 30, 2022 - from 14:00 to 15:30

**CAMILLE BLANC - ADVANCED
FACIAL AESTHETIC
MASTERCLASS**

Session:

Live Demonstrations Part 2

PATIENT 1 - MALE MASCULINE ZYGOMA CHEEK

The zygoma and Zygomatic arch is an area of sexual dimorphism that can be enhanced or restore in order to increase level of attractiveness in our male patients. It is imperative that product to be used and technique is carefully selected in order to minimize risk of feminization.

BERTOSSI Dario

Wednesday, March 30, 2022 - from 09:00 to 10:15

**CAMILLE BLANC - ADVANCED
FACIAL AESTHETIC
MASTERCLASS**

Session:

Hot Topics in Nose Nasolabial Fold

AESTHETIC ANATOMY OF NOSE NASOLABIAL REGION

Rhinoplasty is one of the most requested aesthetic procedures performed by plastic surgeons world-wide and nonsurgical rhinoplasty is becoming the gold standard in aesthetic nasal treatment. [1] Follow-up clinical examinations were carried out on all 107 patients, being a safe and predictable technique with a high degree of satisfaction for the patients.

For some years now, the American Society for Aesthetic Plastic Surgery and the American Society of Plastic Surgeons have shown a steady increase in requests for non-surgical rhinoplasty. [2] In fact, of the total cosmetic procedures performed in 2020 in the United States, minimally invasive procedures accounted for >85%. [3]

While major structural changes in the nose are best achieved through osseocartilaginous structure surgery, soft tissue fillers offer an excellent method of augmenting areas or perfecting irregularities. [4]

BERTOSSI Dario

Wednesday, March 30, 2022 - from 09:00 to 10:15

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Session:

Hot Topics in Nose Nasolabial Fold

THE CELEBRITY NOSE CHALLENGING CLIENTS

Non-surgical rhinoplasty is one of the newest applications of dermal fillers to improve the profile and to correct defects of the nose and is becoming the gold standard in nasal aesthetic treatment, being a safe and predictable technique with a high degree of patient satisfaction. [16]

Careful selection of patients and knowledge of nasal anatomy and filler rheology are crucial. [4] Most common indications are minor defects of the nose, such as pronounced hump, under-projected tip, nasal depressions, saddle nose, correction of trauma outcomes. Moreover, the injection of HA filler can also be used as a complement to surgery or for the correction of minor post-surgical defects (5-15% of surgical rhinoplasties). [6] But when patients' expectations are greater than possible corrections with hyaluronic acid injections, it is necessary to move to a rhinoplasty surgery.

Challenging patients as well as Celebrities are here analyzed to understand this particular patient perspective

SPADA Julieta

Wednesday, March 30, 2022 - from 09:00 to 10:15

**CAMILLE BLANC - ADVANCED
FACIAL AESTHETIC
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Session:

Hot Topics in Nose Nasolabial Fold

PREVENTION AND TREATMENT OF MEDICAL RHINOPLASTY COMPLICATIONS INCLUDING BLINDNESS

Nowadays, non-surgical nose job is one of the most popular procedures among medical injectors. Unfortunately, not all injectors have sufficient knowledge to be able to identify ischemic issues and other rare complications.

The aim of this presentation is to identify different patterns of nasal ischemia at an early stage; describe rare complications such as fistulas and discuss predictable and unpredictable causes. The idea is to spark a debate and share an effective protocol in order to avoid the evolution of the ischemic condition while reducing the risk of tragic outcomes such as blindness.

ABSTRACTS MAIN SESSIONS

ÁVILA Daniel

Friday, April 01, 2022 - from 11:00 to 13:00

PRINCE PIERRE

Session:

Neck Body - Rejuvenation and Contouring with Injectables Threads

TREATMENT OF FLACCIDITY AND SAGGING GLUTEUS WITH CAHA AND POLYDIOXANONE TRACTION THREADS

Flaccidity is one of the challenges of current aesthetic medicine. Infiltration of calcium hydroxyapatite and polydioxanone threads are a tools used in the treatment of sagging. These techniques stimulate the fibroblast to produce the extracellular matrix, mainly collagen and elastin, generating lifting effect and also relocate structures.

Currently, the use of calcium hydroxyapatite is being proposed in different parts of the body such as arms, legs and abdominal area.

We present a new protocol for the treatment of sagging of the buttocks using calcium hydroxyapatite and PDO traction threads.

This protocol allows to raise the upper part of the buttock, initially through the effect PDO traction threads, while the use of calcium hydroxyapatite distributed in specific areas of the buttock favors a tightening effect that is observed over time, fixing the results obtained at first and improving skin quality.

ADLER Yael

Saturday, April 02, 2022 - from 11:00 to 12:00

AURIC 5

Session:

Fasting

BEAUTY AND THE MICROBIOME - THE SKIN/GUT CONNECTION

Around 1,000 different types of organisms cavort in human intestines.

In an adult, they weigh about two kilograms, and one trillion bacteria are found in every milliliter of intestinal content. Each person carries around his or her individual microbiome of 300 to 500 species of bacteria. The greater this species diversity, the greater the protective effect on our health and the more likely we are to live a long life. Anti-aging goes through the gut.

Our intestinal inhabitants help our digestive enzymes extract as many nutrients as possible from the food pulp. They make fatty acids to protect intestinal cells and keep out unwanted bacteria. The intestinal flora produces vitamins (B1, B2, B6, B12, K), messenger substances and lactic acid. It stimulates mucus production, extracts estrogens from food, reduces allergies, besides protecting against osteoporosis, cardiovascular diseases and inflammations. It keeps our brain functions running, can prevent obesity, diabetes, and fatty liver, as well as reduce the risk of some cancers. It communicates with our whole organism through its metabolic and immune activity. We have all-rounders on board. It will take many more years of research to understand the exact effects on our lives. But there are already findings from which a number of therapeutic conclusions can be drawn. As a dermatologist and nutritionist, I experience every day that the skin can be helped more sustainably and comprehensively, and even healed, if one does not just apply cortisone or take antibiotics, but allows the skin to heal from the inside - with the right nutrition. All important substances reach the skin via the bloodstream. And when patients strengthen their skin in this way, they often report that their sleep improves, migraines are alleviated and respiratory infections are prevented.

Various types of bacteria, fungi and viruses also live on the skin, forming a symbiotic relationship with each other and with humans. A disturbance of this balance can impair the barrier function of the skin as well as the intestine and also the other mucous membranes, for example in the respiratory tract or the intimate region. The dysbalance of the microbiome is called dysbiosis.

If dysbiosis prevails in the intestine, it leads to a weakened or altered immune response in various skin diseases such as neurodermatitis, psoriasis, acne, dandruff or even skin cancer. It also affects skin aging. Conversely, the skin also has an influence on the gut, sunlight on our skin affects the gut microbiome. We doctors therefore speak of a "gut-skin axis".

AKERMAN Lehavit

Saturday, April 02, 2022 - from 16:00 to 18:00

CAMILLE BLANC

Session:
Lasers and EBDs Part 2

A COMBINATION OF NON-ABLATIVE ER-GLASS LASER SMALL PARTICLE HA INJECTION FOR FACIAL SCARS WRINKLES - A NOVEL TREATMENT PROTOCOL

Objective: Post-acne facial scars are often associated with significant patient distress. Energy-based devices are of common use for this indication, with growing use of non-ablative lasers. There is relatively limited data regarding the combination treatment of non-ablative lasers with hyaluronic acid injectables for this purpose. Our aim was to evaluate the efficacy of a non-ablative 1540-nm Erbium:glass laser combined with a highly purified hyaluronic acid injectable, for the treatment of post-acne scars and wrinkles.

Methods: This is a retrospective cohort of 12 patients who underwent the full treatment protocol. A before/ after blinded clinical evaluation was performed independently by two dermatologists, thereafter graded on a scale from 0 (exacerbation) to 4 (76-100% improvement). Pain perception, adverse effects and patient satisfaction were evaluated.

Results: A mean correct blinded before/after evaluation by 2 dermatologists was 96%. Patients demonstrated mild-moderate improvement as assessed by a quartile scale of improvement (25-50%). Mild transient pain was reported by most patients. Patients' satisfaction level was high (4 out of 5).

Limitations: small cohort, retrospective design, lack of a histological correlation

Conclusion: We suggest this combination treatment with 1540-nm fractional Erbium:glass laser and a hyaluronic acid injectable to be both safe and efficient for post-acne facial scars and rejuvenation.

ALLEGRINI Serena

Thursday, March 31, 2022 - from 09:30 to 10:30

AURIC 5

Session:
Improved AA Consultation

SOCIAL MEDICAL NETWORK

Digital opportunities for anti-aging doctors in 2022

Mechanisms for a 360° digital strategy: social media, websites, media

Inform, communicate, recruit and create loyalty

ANEJA Jyoti

Friday, April 01, 2022 - from 09:00 to 10:30

NIJINSKI

Session:
Regenerative Aesthetics Part 2

BIO ENHANCERS FOR NECK REJUVENATION - NEW KID ON THE BLOCK

Introduction

A common complaint of patients presenting for facial cosmetic evaluation is the appearance of aging in the neck . Specific structural changes that occur with age involve the skin, subcutaneous tissue, platysma and the deep fat compartments.

A plethora of treatment options are currently available, however with limited patient satisfaction.

Bio-enhancers are a injectable stabilised hyaluronic acid based skin remodelling treatment.

Their role in neck rejuvenation is quite promising since they are not just anti ageing products that help with ageing symptoms but are a regenerating tool that treats the source of ageing by stimulating collagen and elastin production ,activation of keratinocytes and preservation and increase in the viability of adipocytes.

Material and method

Material used : Proffhilo 2ml

Method: The neck was injected according to the Bio Aesthetic Point(BAP) Neck Technique with 2.0 mL of Proffhilo ,two treatments one month apart.

Injection technique

Marking the 10 BAP on the neck.

Pinch skin at the injection point and inject 0.2 ml per bolus at the superficial subcutaneous layer transversely across the skin.

Result

A significant improvement in terms of tissue bio-remodelling , improved appearance , reduced skin laxity and increased

elasticity and consistency of superficial soft tissues in the treated cases was noted at the end of 6 weeks only to improve over the next 2 months.

Minor side effects such as erythema / edema /were transient and completely resolved.

No major side effects were observed

Conclusion

In aesthetics there is an increasing interest in treating neck rejuvenation with non surgical modalities due to the non invasive nature of the treatments.

Bio-enhancers represent an intriguing new paradigm for skin restoration with promising results.

Profililo with its high HA concentration has shown to favour a multilevel dynamic tissue remodelling improving the neck skin laxity with minimal to no downtime.

Combination therapies with Bio enhancers can be a game changer in the field of neck rejuvenation and need to be explored further.

ARTZI Ofir

Saturday, April 02, 2022 - from 16:00 to 18:00

CAMILLE BLANC

Session:

Lasers and EBDs Part 2

THE NOVEL HYBRID DEVICE: 1570 NM NON-ABLATIVE AND 10,600NM ABLATIVE FRACTIONAL LASERS FOR SKIN REJUVENATION - 20 PATIENTS' CASE SERIES

Recently, A novel automated hybrid fractional laser incorporates a powerful CO2 10,600nm and a 1570nm lasers was introduced into the market. The aim of the study was to retrospectively evaluate the safety and efficacy of the dual, side by side CO2 and 1570nm wavelengths.

Methods. From March 2019 to March 2021, 18 women and 2 men, Fitzpatrick skin types II-IV, mean age of 51 ± 14 years were treated using a spot by spot (HyGrid mode) emission of CO2 10,600nm laser and 1570nm laser to evaluate treatment efficacy, pain tolerance and downtime. Each subject underwent 3 treatments, spaced 4-6 weeks apart. 6 mm punch biopsies were taken in duplicates immediately after lasing and transferred for fixation in formalin and subsequent paraffin embedding and H&E (hematoxylin and eosin) staining. Measurements of the depth and width of tissue ablation and coagulation zones were recorded and compared. Of the 20 subjects, 80% showed significant skin improvement on photographic analysis. Average numeric pain score was a 3.4 on a 0-10 scale. Patients' results demonstrated a 85% satisfaction (17/20, Score 3 or 4) with treatment. Side effects included swelling and erythema which all resolved within two to three days and downtime was 3-7 days for all subjects. No adverse events were reported. Preliminary clinical results suggest a combination of low settings of CO2 together with 1570nm can achieve the same effect of CO2 high settings alone but with the advantage of being less painful, less downtime and providing an additional thermal intradermal tightening effect.

ASAL Khaled

Thursday, March 31, 2022 - from 15:00 to 16:00

AURIC 5

Session:

Vitamin D

VITAMIN D DEFICIENCY AND TELOMERE ATTRITION: A POTENTIAL LINK ANTI-AGING OPPORTUNITY

Aging is a complex biological process characterized by progressive decline of body functions and increased risk of age-related diseases. Decades of intensive research have identified 9 root causes, or hallmarks, of aging. Telomere attrition appears to be a critically important one.

Telomere is a nucleoprotein cap at both ends of all chromosomes. It has two main components: repetitive DNA sequence ("TTAGGG" in mammals) and protective proteins called "Shelterin". The presence of telomeres protects against recognition of the chromosomal ends as "DNA break". It also protects against fusion of the ends of adjacent chromosomes. In cases of telomeric dysfunction, these DNA disorders trigger "DNA damage response" which induces apoptosis or senescence.

In addition, telomeres regulate how many times an individual cell can divide ('Hayflick limit'). Each time a cell divides, the telomere shortens due to a common problem known as "End-Replication Problem". When the telomere shortens to a critical length, it triggers "DNA damage response" which terminates further cell division by inducing apoptosis or senescence.

In contrast to normal somatic cells of adults, reproductive cells, tissue stem cells, and the majority (85-90%) of cancer cells counteract telomere attrition and cellular aging by activation of telomerase enzyme. Telomerase protects against telomere shortening with each cell division by adding DNA repeats ("TTAGGG") to the chromosome ends.

Existing evidence supports the concept that deficiency of micronutrients, in particular vitamin D, may contribute to cellular aging and age-related diseases. One pathway through which vitamin D can delay cellular aging is the preservation of telomere biology. Several studies demonstrated that higher serum levels of vitamin D are associated with longer telomere length in individuals with or without concomitant diseases. Vitamin D exerts its biological functions via genomic and non-genomic actions regulating inflammation, oxidative stress, deficient autophagy, and mitochondrial dysfunction; all of which are linked to a higher base pair loss per each cell division.

In addition to preservation of telomere biology, vitamin D appears to regulate other processes strongly involved in the

pathogenesis of aging and age-related diseases, such as cell proliferation, differentiation, apoptosis, senescence, inflammation, oxidative stress, deficient autophagy, mitochondrial dysfunction, angiogenesis, and epigenetic changes as well as Ca²⁺ signaling. Normal levels of vitamin D are capable of maintaining these processes at healthy rates and this will help slow down the rate of ageing

BADAWI Ashraf

AURIC 4

Thursday, March 31, 2022 - from 16:30 to 17:30

Session:

Tips and Tricks in Cosmetic Dermatology - Session ESCAD

WHAT COMES FIRST: FILLERS, TOXIN OR LASERS?

Facial Rejuvenation is becoming a widely demanded service in the Cosmetic Dermatology and Aesthetic Surgery fields. Many techniques and procedures are being practiced to improve the skin condition and appearance.

The pathogenesis of skin aging and the factors influencing it should be kept in mind to select the suitable technique/procedure. In most of the cases, the pathology is multilevel and affecting more than one layer of the skin and dealing with only one layer would not give the optimum outcome.

While designing a rejuvenation plan for a patient, it is mandatory to be able to assess the altered anatomy and physiology of the skin and structures we work on. Once, we understand the pathology and the impairment of the structure and the function of each layer of the skin we will work on, we will be in a better position to decide what kind of combination therapy we will advise the patient to undergo. If it is decided to do a combination of lasers, energy based devices, fillers or neurotoxins, the next question will be which comes first.

Different scenarios will be presented during an interesting oral presentation with brain storming and live discussions with the attendees about how to plan and which comes first among the different procedures

BADAWI Ashraf

AURIC 4

Thursday, March 31, 2022 - from 17:30 to 18:30

Session:

20 Years of Lasers and Light, What Did I Learn? - Session ESLD

LASER REJUVENATION SECRETS

Laser and light based technology is commonly used for facial rejuvenation now. Depending on the site of pathology and the demands of the patients in regards to the down time associated with each type of laser and light based intervention, the treatment plan can be decided.

Ablative resurfacing, fractional lasers, ablative or non ablative as well as the non ablative lasers are all options available for different skin problems. How to select among those techniques and what should the patient expect, will be discussed during an interesting ESLD session.

BADAWI Ashraf

CAMILLE BLANC

Saturday, April 02, 2022 - from 16:00 to 18:00

Session:

Lasers and EBDs Part 2

PRACTICAL TIPS ON LASER SAFETY

The increased use of laser and IPL has led to not only an increased incidence of reported complications, but also to a better understanding of such complications. Understanding the laser safety tips and its practical importance plays a vital role in minimizing laser accidents and professional errors.

There is a significant difference between professional errors and side effects as the former is preventable.

Understanding the practical base of laser safety classification, eye, skin, teeth, fire and electrical hazards of lasers is mandatory for anyone deals with laser systems to minimize laser accidents and injuries.

It is not a theoretical knowledge only, there are many practical tips to be applied in the daily practice.

BARBAGALLO Mario

AURIC 5

Friday, April 01, 2022 - from 12:00 to 13:00

Session:

Anti-Aging Intervention - Italian Experience

MEDITERRANEAN DIET, MITOCHONDRIAL FUNCTION AND LONGEVITY

Mediterranean diet, mitochondrial function and longevity

Mario Barbagallo, Ligia J. Dominguez
Chairs of Geriatrics, University of Palermo, Italy
Email: mario.barbagallo@unipa.it

Different theories have been postulated to explain the evolutionary basis of ageing. The "antagonistic pleiotropy" hypothesis provides a meaningful context for understanding the role of mitochondria in ageing. The antagonistic effects of mitochondria have long been appreciated in organismal ageing and has led many researchers to view the organelle as more than just an energy supplier, but also seeing mitochondria as having an essential role in ageing and age-related diseases. The accumulation of mitochondrial oxidative damage has been suggested as a driver of mitochondrial dysfunction and the observed age-related decline in organ function during ageing. Anti-ageing interventions aim to slow down aging but also to delay the onset of age-related diseases. This, in theory, will restore a ratio of healthspan to lifespan, allowing people to live longer in good health. In fact, physical exercise and healthy diets may add years to our life.

Diet is a major determinant of the ageing process itself and of the development of age-associated diseases. There is strong evidence of the influence of diet on the health status. Epidemiological and experimental evidence have emphasized the traditional diet from the Mediterranean basin as a possible contributor to longevity and good quality of life

The regulation of mitochondrial physiology by pathways associated with longevity has revealed the complex network of interactions between those pathways and mitochondrial function during ageing. The modulation of these pathways is key to improving human health and preventing age-related diseases, especially those associated with metabolic dysfunction. Thus, maintenance of healthy mitochondria is key to long-term health.

Due to the central role of mitochondrial oxidative damage in diseases, mitochondrial targeted therapies have been explored as potential treatments.

Traditional components of Mediterranean Diet are exogenous antioxidants and have been found to be protective against oxidative stress, and inflammation; to inhibit nutrient sensing pathways by specific amino acid restriction; to alter gut microbiota-mediated production of metabolites (i.e., SCFAs acetate, butyrate, and propionate) influencing metabolic health and targeting mitochondrial dysfunction.

In the long term, a fundamental understanding of the role of mitochondria in human health and ageing will be needed if there are to be breakthroughs in combatting frailty and age-related diseases.

BATSIALOU Ioanna

Saturday, April 02, 2022 - from 14:00 to 16:00

AURIC 5

Session:

Insight Into Cell Aging Process

COMBINING REGENERATIVE THERAPY IN THE CLINIC

Combining regenerative therapy in "IOANNA REGEN" clinic

IOANNA REGEN Clinic is the first and only clinic for aesthetic, anti-ageing and regenerative medicine in the Balkans that provides a unique holistic, multidisciplinary and primarily personalized approach to the patient. For 20 years, professor and CEO of the clinic Ioanna Batsialou PhD and her team have maintained a quality of service at the highest level regardless of trends and external influences.

Dr. Ioanna's last area of interest is combining modern medical methods for regeneration and rejuvenation. This integrative method, she has adequately named REFRESH method, involves a combination of multivitamin infusion, mesotherapy and laser therapy. Regenerative medicine develops therapies and treatment methods for regrowth and renewal as the basis of good health and rejuvenating, anti-ageing medicine are a support for beautiful and healthy aging. Combining these therapies, Dr. Ioanna successfully, comprehensively and with individual approach takes care of the health of the skin and body inside and out, supports the healthy functioning of the whole organism and eliminates aesthetic problems. REFRESH therapy includes:

- multivitamin infusion cocktail, prepared based on the state of the organism for energy,
- mesotherapy treatments that Dr. Ioanna has been successfully performing on patients for 20 years, for hydration and rejuvenation
- laser therapy for curing specific aesthetic issues and anti-ageing

BAY AGUILERA Shino

Thursday, March 31, 2022 - from 14:15 to 16:15

SALLE DES PRINCES

Session:

BESPOKE BEAUTY ATTRACTIVENESS - TAILOR YOUR TREATMENT - PART 1 (PATIENT ASSESSMENT)

PATIENT 3 - ASSESSMENT TREATMENT PLAN

Patient assessment and planning includes several important variables such as the age of the patient, the patient intentions, product selection according to their rheological properties, area to be treated and desirable outcomes. A successful and attractive outcome begins with a proper consultation.

BAY AGUILERA Shino

Saturday, April 02, 2022 - from 14:00 to 15:30

CAMILLE BLANC

Session:

"DOCTORS VS PATIENTS" - EVERYDAY SCENARIOS...

REALISTIC SCENES - THE DIFFICULT PATIENT, THE SOCIAL MEDIA TITLE WAVE, STAFF ENTITLEMENT AND THE COVID WORLD

Get ready to have some fun~!!! With our Ready for Prime Time Players as we dress up and act out (and we do mean act!) realistic scenes from our clinics and then with the audience figure out the best way to get out of difficult situations.

It is our moral and ethical responsibility as medical providers to set appropriate precedent for standards of care, specially in a new world that has been infected and affected with COVID 19 changing forever the way we treat each other and practice in our clinics. In addition, the Overwhelming presence of overfilled faces, lips, and other extreme transformations seen in social media feeds are creating a generation of unnatural looking people creating a "new normal". Social media responsibility it is an important issue to be discussed because we must assess how our personal and collective work as aesthetic providers impact the mental and physical health of our patients.

BERGER Andre

Thursday, March 31, 2022 - from 15:00 to 16:00

AURIC 5

Session:

Vitamin D

BIO-STIMULATION BUTT LIFTS

Aging causes losses. Losses of the quality and quantity of cells and the intracellular matrix. One new and novel approach to age related tissue volume loss in the shape and size of the buttocks and hip dips (primarily for improving appearance and self esteem), is the use of bio-stimulation as an alternative to fat grafting or surgical implants. This talk will discuss the current approach to the use of bio-stimulation to augment the shape and size of the buttocks.

BERTOSSI Dario

Friday, April 01, 2022 - from 14:00 to 16:00

CAMILLE BLANC

Session:

Not Every Patient is Easy - The Real World in Aesthetic Medicine

CHALLENGING ANATOMY/POST-TRAUMA PATIENTS

Abstract

Background: The bad outcomes of a facial trauma could have a strongly negative psychological impact and compromise patient's quality of life. Unfortunately, surgery cannot always solve this problem or give an acceptable result.

Aesthetic medicine treatments with injectables may provide a solution, minimally invasive and more accepted by the patients in improving bad outcomes from facial trauma.

BERTOSSI Dario

Friday, April 01, 2022 - from 14:15 to 16:15

SALLE DES PRINCES

Session:

The Chin is in! (Chin, Jawline Submental Area)

CHIN AND JAWLINE: A NEW PROTOCOL

Treatment of the chin and jawline with Very high G prime filler, using a grid-based standardized approach, appears to be effective and safe with high rates of patient satisfaction. It offers a potentially high-impact approach for patients across a variety of biologic and economic circumstances.

BERTOSSI Dario

Saturday, April 02, 2022 - from 09:15 to 10:45

SALLE DES PRINCES

Session:
Tips for Non-Surgical Rhinoplasty

NON-SURGICAL RHINOPLASTY: UPDATES

Non-surgical rhinoplasty using injectable fillers, in contrast to traditional but more invasive surgery, offers low morbidity, improved skin quality and texture, cost-effectiveness and quick recovery. The aim of this study was to provide a valid and customized protocol for injecting the nose with the aid of a nasal grid to achieve constant attractive results.

BEZOT Jean Francois
Thursday, March 31, 2022 - from 09:30 to 10:30

AURIC 5

Session:
Improved AA Consultation

WHAT ABOUT A DIFFERENT MEDICINE?

POUR UNE MEDECINE AUTREMENT. L'approche globale de la notion de santé est profondément écologique car elle est en harmonie avec la tradition hippocratique qui veut que la santé soit en équilibre entre les influences environnementales, les modes de vie et les diverses composantes de la nature humaine. Être en santé signifie donc être en synchronisme avec soi-même physiquement, mentalement et aussi avec le monde environnant. L'état de mal être apparaît donc, comme la conséquence d'un déséquilibre et d'une rupture d'harmonie qui affecte le Terrain, notre signature biologique, et dont la perturbation peut se manifester à tous les niveaux de l'organisme et engendrer des symptômes de nature physique ou psychophysiologique. Devant cette approche globale, le rôle principal du docteur (du latin docere : enseigner) en dehors des mesures d'urgence du clinicien, sera d'informer le patient sur la nature et la signification de son état de mal être, de lui enseigner les moyens de modifier les éléments de son mode de vie qui l'y ont conduit, d'encourager le processus de guérison en aidant le patient à atteindre un état dans lequel les forces naturelles de guérison deviennent actives. Nous sommes aux prémices d'une convergence importante. La médecine sera disruptive car elle se doit d'être participative. La participative de la fameuse marque protégée Médecine P4(c) de l' Anti Age. Le patient(e) est un acteur, une actrice, en pleine lumière de son environnement, de son état de bien être, de sa santé sur son chemin de vie. Cette approche de santé globale permet des profils biologiques personnalisés dont l'indice télomérique (biopredix.com) sera la pierre angulaire, destinée à optimiser la forme physique, gérer le mauvais stress et éviter les souffrances physiques, physiologiques et psychologiques inutiles et délétères. Cela assurera à votre patientèle , ravie d'une meilleure cicatrisation, d'une bonne immunité contre d'éventuelles maladies nosocomiales ou virales saisonnières, d'une gestion du stress pré et post opératoire, d'un bon moral, d'un sourire plus facile, et surtout d'une envie d'être et de paraître assumée. C'est un apport de la Médecine Anti Age à l'excellence de la Médecine et de la Chirurgie esthétiques.

FOR A DIFFERENT MEDICINE The global approach to the concept of health is deeply ecological because it is in harmony with the Hippocratic tradition which wants health to be in balance between environmental influences, lifestyles and the various components of human nature. To be healthy therefore means to be in symbiosis with oneself physically, mentally and also with the surrounding world. The state of ill-being therefore appears as the consequence of an imbalance and a rupture of this harmony which affects the Basis, our biological signature, and can have impacts at different levels of the organism and cause symptoms of a physical or psycho-physiological nature. In this global approach, the main role of the doctor (of latin docere : teach) outside of the clinical emergencies is to inform the patient about the nature and the meaning of his state of ill-being, to teach him the means to modify the elements of his lifestyle, that led him there, to encourage the healing process by helping the patient to reach the state in which the natural healing forces become active. We are at the beginnings of an important convergence. Medicine will be disruptive because it must be participatory. The participatory of the famous protected brand Medicine P4 (TM) from AntiAging. The patient is an actor, an actress in full light of his(her) environment, of his(her) state of well-being, of his(her) health on his(her) path of life. This holistic health approach allows for personalized biological profiles whose the telomeric index (biopredix.com) will be the cornerstone, intended to optimize physical form, manage bad stress and avoid unnecessary and deleterious physical, physiological and psychological suffering. This will assure your patient, delighted with better healing, good immunity against any nosocomial or seasonal viral diseases , near and post operative stress management , of good morale, smile easier, and above all, a desire to be and to appear assumed. It is a contribution of anti-aging medicine to the excellence of medicine and cosmetic surgery. Dr Jean-François Bézot Biologist

BJERRING Peter
Thursday, March 31, 2022 - from 14:00 to 16:00

CAMILLE BLANC

Session:
Lasers and EBDs Part 1

DUAL WAVELENGTH LASER WITH AN EXCEPTIONAL, NEW TECHNOLOGY FOR IMPROVED SKIN REJUVENATION TREATMENT

A new type of laser with a unique principle for generating yellow light is realized by combining two diode pumped Nd:YAG lasers of 1064nm and 1319nm, respectively. The two wavelengths are Q-switched, synchronized, and mixed to create a synthesis-wavelength of 589nm. This wavelength allows for treatments to be conducted without the need for cooling and no need for local anaesthetic creams. Furthermore, the system does not require any consumables.

Skin rejuvenation treatment with a combination of one of the original Nd:YAG laser wavelengths (1319nm) with the

synthesized wavelength (589nm) has shown excellent results.

Conclusion: The unique combination of coaxially delivered 589nm and 1319nm laser wavelengths appears to produce superior results compared to each of the wavelengths alone.

BJERRING Peter

Thursday, March 31, 2022 - from 17:30 to 18:30

AURIC 4

Session:

20 Years of Lasers and Light, What Did I Learn? - Session ESLD

MY SECRETS FOR SAFE AND EFFECTIVE PDT

Photodynamic therapy with topical application of the light sensitizing aminolevulinic acid and methyl-aminolevulinic acid is effective for both keratinocyte tumours and precursors and also in lower concentrations for skin rejuvenation. Pre-treatment of the skin before application of the topical sensitizer is of extreme importance for the clinical efficacy. Pre-treatment with either calcipotriol and 5-FU as well as mechanical pretreatment increases the efficacy

Red light has relatively deep penetration is used for invasive cancers while blue light and daylight is used for superficial lesions and for skin rejuvenation. A major advantage of daylight irradiation is the total absence of pain during the light treatment. Post treatment with a single application of a highly potent corticosteroid reduces the non-specific inflammation and hence the patients' discomfort. Photodynamic therapy is now an established and important treatment modality in classical dermatology and in cosmetic dermatology.

BONAN Paolo

Thursday, March 31, 2022 - from 14:00 to 16:00

CAMILLE BLANC

Session:

Lasers and EBDs Part 1

THE ART AND SCIENCE OF CO2 LASER: NEW CHARACTERISTICS, NOVEL APPROACHES AND IDEAL COMBINATIONS

Since CO2 laser technology was introduced, it has become a very popular procedure, especially with fractional laser systems, in many skin disorders (e.g. acne scars, photorejuvenation, etc). The experience gained over thirty years of work and study with CO2 laser allows to evaluate all good technical developments and advantages of the combination of different operating mode. Particularly, the different pulse shapes permit to be aggressive or aggressiveless, improving and enlarging the applications and the degree of results and reducing the risk of side effects and speeding up the recovery time. Given the extreme "operate flexibility" of our fractional CO2 laser and even the use of the new freehand surgical handpieces with the use of "micro-scanner" for surgical applications in order to obtain better and more consistent results, social needs and compliance of the patient. It is important to gain knowledge about the correct use of the new devices. Herein, we report our experience, focusing on different treatment parameters, biological response, clinical efficacy, and recovery time in skin disorders, focusing on combinations treatments such as 10600 nm with 1540 nm wavelengths.

BRAZ André

Saturday, April 02, 2022 - from 14:00 to 15:30

CAMILLE BLANC

Session:

"DOCTORS VS PATIENTS" - EVERYDAY SCENARIOS...

REALISTIC SCENES - THE DIFFICULT PATIENT, THE SOCIAL MEDIA TITLE WAVE, STAFF ENTITLEMENT AND THE COVID WORLD

Get ready to have some fun~!!! With our Ready for Prime Time Players as we dress up and act out (and we do mean act!) realistic scenes from our clinics and then with the audience figure out the best way to get out of difficult situations.

It is our moral and ethical responsibility as medical providers to set appropriate precedent for standards of care, specially in a new world that has been infected and affected with COVID 19 changing forever the way we treat each other and practice in our clinics. In addition, the Overwhelming presence of overfilled faces, lips, and other extreme transformations seen in social media feeds are creating a generation of unnatural looking people creating a "new normal". Social media responsibility it is an important issue to be discussed because we must assess how our personal and collective work as aesthetic providers impact the mental and physical health of our patients.

CARDENAS SICILIA Nathania

Thursday, March 31, 2022 - from 09:30 to 10:45

CAMILLE BLANC

Session:

The "Tired-Looking" patient - How to Master a Holistic Consultation

"TIRED-LOOKING" PATIENT - THE ART OF CONSULTATION HOW TO ACHIEVE THE EVALUATION SUCCESS ROUTE

The meeting point between achieving an aesthetically pleasing and natural result is in the combination of mastering the art of understanding the face as a whole and letting the patient know that every decision we make about improving their appearance must be aimed at creating harmony and optimal natural results, understanding that the aging process is multifactorial and therefore our approach is multiple

CARDENAS SICILIA Nathania

Saturday, April 02, 2022 - from 14:15 to 16:15

SALLE DES PRINCES

Session:

Lips: Diverse Perspectives on Lip Augmentation

IS VOLUME THE ANSWER ON THE LIPS OR HAVE WE BEEN DOING IT WRONG FOR YEARS?

The approach to the lips has been very compromised in recent decades, since we have focused on them as a single feature to be treated, without understanding that the ideal result does not always have to do with volumizing, instead creating aesthetic harmony in the lips. lower third to maximize the most beautiful accessory of the face, the smile.

CARMAN Timothy

Friday, April 01, 2022 - from 11:00 to 13:00

AURIC 4

Session:

Hair Restoration Agenda - Non-Surgical Solutions For Hair Loss

SCALP MICROPIGMENTATION (SMP) - THE GOOD AND THE BAD

SMP represents a powerful tool to address the cosmetic impact of thinning hair, as well as addressing the unwanted visual consequences of less-than-ideal hair transplantation surgical outcomes.

CASTILLO GARZON Manuel J.

Friday, April 01, 2022 - from 09:30 to 10:30

AURIC 5

Session:

Advanced Prevention

DRUGS AVAILABLE FOR PRESCRIPTION IN ANTI-AGING MEDICINE

Aging is a natural biological process that cannot be halted but can be influenced. A delay in the aging process and prevention of its negative consequences can be derived from anti-aging interventions. Two well-known lifestyle interventions with anti-aging effect are caloric restriction and physical exercise. There are also several approved prescription drugs that may have anti-aging effects. These drugs can be prescribed on top of an appropriate anti-aging lifestyle. A common mechanism of action of these drugs and the above mentioned life-style interventions is the activation of autophagy. Autophagy is a cellular preservation mechanism extending life and functionality. Caloric restriction and physical exercise promote autophagy. Several drugs that are available for prescription, among other possible mechanism of action, also promote autophagy. Therefore they can be used as therapeutic anti-aging interventions. Among them are metformin, salicylates, resveratrol and rapamycin. Low doses of some of these compounds together with exercise and lower food intake may have a clear anti-aging effect.

CELLA Gabriela Andrea

Thursday, March 31, 2022 - from 09:30 to 10:45

PRINCE PIERRE

Session:

THE GOOD, THE BAD, THE UGLY - EVERYTHING YOU NEED TO KNOW ABOUT FILLERS

HOW FILLERS MAKE YOU LOOK OLDER? - NEGATIVE LONG-TERM CONSEQUENCES OF THE USE OF FILLERS

Fillers are a wonderful tool when used properly to return the volume lost in the aging process or to harmonize the face factions.

There are times that fillers are placed in the wrong way (the wrong depth, the wrong product or the wrong amount) and make

the patient look older, for example in the overfilled syndrome.

In this conference we are going to discuss the most frequent mistakes made with fillers in popular personalities and discuss how to avoid them.

CELLA Gabriela Andrea

Friday, April 01, 2022 - from 14:15 to 16:15

SALLE DES PRINCES

Session:

The Chin is in! (Chin, Jawline Submental Area)

JOWLS CORRECTION WITH COMBINED TECHNIQUES. HOW TO ASSESS YOUR PATIENT?

Jowls correction with combined techniques. How to assess your patient?

In this session, we will look at how to evaluate the patient and establish treatment priorities.

Through clinical cases, we will use an organized assessment process to focus on the correction of the key determinants of jowls.

A combined treatment plan tailored to each patient will be established to achieve their satisfaction.

CHAUCHARD Claude

Friday, April 01, 2022 - from 16:30 to 17:30

AURIC 5

Session:

Hormones and Aging

HOW TO STOP HAIR LOSS WITH CONTROL OF TESTOSTERONE/DIHYDROTESTOSTERONE

Même si Yul Brynner était un chauve et une star de cinéma assumant complètement sa calvitie, je ne suis pas sûre, loin de là que la majorité des personnes dont la chute des cheveux s'accélère tous les jours partage ce sentiment.

La chevelure de Samson nous inspire davantage et c'est peut-être pour cette raison que nous avons déjà perçu quelle est l'hormone responsable de la chute des cheveux et comment y palier.

Nous avons longtemps incriminé la testostérone. Il n'en rien et vous allez comprendre à travers mon expose de ce jour comment la dihydrotestostérone fait chuter nos cheveux et comprendre aussi la bonne stratégie pour stopper cette chute et même voir les cheveux repousser rapidement.

CHUMAK Maxim

Friday, April 01, 2022 - from 14:00 to 16:00

AURIC 4

Session:

Hair Restoration Agenda - Surgical Hair Restoration and Future Treatments

ROBOTICS IN HAIR TRANSPLANT SURGERY

Robotics in Hair Transplant Surgery
Maxim Chumak, MD, ABHRS, ABFM

Introduction:

Modern hair transplantation has evolved from Punch Hair Transplantation into a procedure known as Follicular Unit Extraction (FUE). Currently, the most common hair restoration techniques for commercial use are Follicular Unit Transplantation (FUT) and Follicular Unit Extraction (FUE). Follicular Unit Transplantation (FUT) is an invasive surgical procedure where a long strip of scalp with hair follicles is excised in order to get donor hair grafts or follicular units. FUT is essentially a surgical procedure where a scalpel is used to cut and remove a part of the scalp skin, with stapling and suturing used for its closure. In contrast, Follicular Unit Extraction (FUE), utilizes small punches to detach demarcated hair grafts (follicular units) from the scalp. FUE requires hair grafts to be extracted individually in a two-step method - sharp punch placed into the scalp and forceps to manually separate grafts—which can be very laborious and tedious due to volumes of up to 2000 to 3000 grafts that need to be sorted and handled very carefully to avoid damaging donor hair. FUE is also not a straightforward procedure, because there is a high learning curve for surgeons. Also, the procedure requires physical stamina, patience, and hand-eye coordination to repeatedly harvest and punch hundreds or thousands of times during same session while ensuring the correct angle is used to match the angle of each hair follicle during harvesting. Moreover, the viability of grafts is contingent upon the surgeon's technique or skill in this process, as hair grafts growing at an angle from the vertical are more difficult to harvest without damaging the follicle. If such measures (density, size, angle and orientation of grafts) are not considered before implantation, the viability of harvested grafts decreases significantly. Implantation of harvested hair, on the other hand, has traditionally been performed by trained surgeons or transplant technicians using forceps to manually implant grafts into pre-made sites in the recipient area; however, in the hands of new or inexperienced physicians, who may lack the accuracy and reproducibility during implantation—means that damage to grafts can be prevalent. With many of the issues and challenges with harvesting and implantation discussed above, advancements in Artificial Intelligence (AI) - ability to scan and

recognize optimal donor hair—as well as robotics -automating excision and implantation— have been developed to mitigate these challenges.

The first robotic platform to contribute to the evolution of hair restoration and address its challenges in hair transplantation is the ARTAS® System, developed by Venus Concept Inc. (San Jose, CA). This device focuses on Artificial Intelligence (AI) assisted robotic Follicular Unit Excision of hair grafts. It harnesses the power of mechanical imaging, Artificial Intelligence (AI) and the robotic execution capabilities of the system to harvest follicular units, create recipient sites, and can also implant grafts, something that had to be done manually before. The most recent version, ARTAS® iX, robotizes virtually the entire hair transplantation process.

ARTAS® iX - Robotic Hair Transplantation System

ARTAS® iX from Venus Concept is a robotic medical device that offers precise, accurate, and reproducible harvesting with simultaneous recipient site-making and implantation functionality in a single, compact platform. The ARTAS® iX system contains Artificial Intelligence integration, a high-definition multi-camera stereoscopic vision system, and state-of-the-art medical grade hardware that contributes to hair transplantation technology. For example, ARTAS® iX's AI machine learning recognizes and digitally maps past, current, and future grafts on the scalp. The AI can intelligently analyze, monitor, and track each hair follicle's characteristics, such as the position, angle, size and orientation for optimal excision, harvesting, site making, and implantation for repeatability and precision. Moreover, this robotic system contains an interactive graphics-based user interface that allows for the ease of visualization, a robotic arm with rotating punches (4000-6000 rpm) for harvesting, a vacuum pump and tubes that transport viable grafts into a sterile cannister minimizing the risk of damaging the grafts. Furthermore, ARTAS® iX contains a proprietary multi-faceted tip punch which dissects with less potential trauma to follicular structure that yield robust grafts for implantation.

The ARTAS® iX system, under the discretion of a physician certified operator, begins the transplantation process by setting initial testing parameters. These include the number of grafts to be harvested and the desired targeted hair density, all of which are set in ARTAS® iX's GUI prior to acquiring potential harvest site. In addition, the physician can utilize the ARTAS® iX GUI to assist achieving cosmetic proportionality and naturally looking hair at the site of implantation based on the patient's balding pattern and preference by adjusting the angles and spacing of hair graft implants. All of this is done with a press of a button in the GUI and the device automatically harvests individual grafts in groupings of 1-4 hairs using a sharp punch that makes a circular incision of 1.0-1.2 mm (19 or 18 Gauge in diameter) at the donor area in a non-sequential motion. The operator has full control of the automation and can override any processes during the procedure. In addition, the AI in the ARTAS® iX system automatically selects follicles from the donor area on the basis of their orientation, size, shape, and angle ensuring high-quality grafts. This results in higher quality grafts compared to those harvested manually through the FUE techniques. Moreover, the harvested hair grafts are directly transported into a saline filled cannister using controlled vacuum pressure, thus maximizing the viability of follicles. With the ARTAS® iX system, the automation features a consistent harvesting rate of around 1100 grafts/hour, similar to that of the top of the range for a highly skilled operator doing the procedure by hand.

Once the desired number of grafts is harvested, each graft is sorted by hair groupings and transected units are discarded, with the remaining groupings stored in a pool of ATP plasma solution in a controlled temperature environment around 4°C (~39°F F) After this step, the ARTAS® iX system is loaded with reloadable cartridges that can each house 25 hair graft units ready for implantation. With the ARTAS® iX's AI image guidance capabilities, the system determines and matches the pre-set hair angles to precisely match the pre-existing hair angles at the recipient sites during the acquisition and implantation. Upon determining the appropriate angle of insertion, ARTAS® iX creates recipient sites and inserts the grafts while also considering the overall digital plan created by the physician. Because the system performs these tasks itself, it reduces physician fatigue and shortens the procedure time versus one done by hand.

Clinical Experience - A Clinician's Perspective:

Novelties of ARTAS® iX

I have found that the ARTAS® iX system significantly improves the process of implantation reducing staff bandwidth and training time resulting in an improved implantation process—handling of harvested grafts, site making and implanting. In the past, hair implantation required multiple trained staff utilizing multiple tools -dull and sharp, to manually implant grafts into pre-made sites at recipient areas with the use of forceps. Most of the devices developed on the market, require manual operation for harvesting and implanters to be loaded individually, which can be time consuming and can potentially damage grafts with the force and manipulation required while holding grafts in place and implanting them. The ARTAS® iX system, is the first system that exists in the implantation field with minimal hair handling of the grafts addressing this issue. ARTAS® iX harvests and directly collects the grafts in a collection tube without any need to manually handle the grafts. The only manual handling occurs during sorting and loading grafts into cartridges. Once that happens, the ARTAS® iX handles the site-making at recipient area and implantation simultaneously. Moreover, the ARTAS® iX system features an algorithmic exact determination with hair implantation and repeatability with hundreds/thousands of grafts. The system helps to reduce the physician's workload associated with implantation of grafts manually with forceps and with an implanter. Once the cartridges are loaded, they are stored in chilled saline solution ready for implantation and do not require much further staff support for the implantation process.

ARTAS® iX system is easy to use for implantation and not labor intensive due to the ability to adjust settings in the GUI for depth control and implanting. For instance, the system can be pre-set initially with the target hair density and direction and adjusted during implantation using the same touch screen GUI. This feature allows the physician to address areas of the head that may need more attention than others. In addition, the ARTAS® iX GUI system allows for the surgeon to adjust the depth of graft insertion to minimize the popping of the grafts during implantation. The GUI system allows for real-time changes during the implantation if required by toggling the parameters which is easy even while the procedure is going. Moreover, the ARTAS® iX's unique abilities to site-make and implant simultaneously, allows the speed of graft insertion to be at a rate of 800-900 grafts per hour versus the typical rate of 300-400 grafts per hour when implanting manually. With the ease and versatility of the ARTAS® iX system to implant, this system can help with repeatability, precision, and control when implanting graft.

Other intrinsic advantages of the ARTAS® iX robotic system include a relatively quick and easy learning curve for support staff to achieve good speed in graft loading. In my practice, we have used both dull and sharp manual implanters and this process usually takes 1 to 2 months for an experienced technician to obtain sufficient speed to become efficient in loading sharp implanters. In contrast, the learning curve to load ARTAS® iX cartridges is much steeper and typically takes 1-2 days. The maintenance of cartridges is minimal. They are per-patient reusable for loading grafts for the same case study and are

disposable when the case is complete, while sharp implanters require detailed cleaning and sterilization after each procedure. In all, the ARTAS® iX implantation system helps to increase the bandwidth of implantation, provide better estimation of qualified staff time to perform procedure, achieve natural looking results for patients, and improve graft survival rates.

Challenges ARTAS® iX Faces

While the ARTAS® iX robotic system is a fantastic step forward for implantation, it has some challenges. For example, in the clinical setting for both manual and automatic implantation, it has been observed that there is occasional popping of previously placed grafts following insertion into adjacent areas due to patient scalp elasticity variability. Recent system updates As well, implantation of the swirl of the crown has not been possible with the ARTAS and had to be done manually. The newest ARTAS, the ARTAS® iXi system, contains an update that addresses the swirl of the crown during implantation and a sharper needle implanter to help with the issue of variable patient elasticity of the scalp to prevent popping. The ARTAS® iXi system also aims to circumvent this issue through the use of an improved tensioner tool to help decrease patient scalp elasticity and consequently the popping rates by keeping the scalp taut and uniform across. Other features of the ARTAS® iXi are faster imaging cameras (100 Hz) that will improve centering over and locking of the robot onto grafts during harvesting and a pink light feature that combines white/red lights for better contrast for darker skin types. This pink light feature also increases visibility of follicles in blood during the procedure. All these features aim to increase efficiency and help to improve the versatility of ARTAS.

Conclusion

In all, the ARTAS® iX system is a novel one-stop shop for harvesting, site-making, and implantation that provides predetermined safe, effective, consistent and reproducible clinical results in hair restoration. The system is very efficient as it helps reduce staff and surgeons "time, which indirectly reduces fatigue. I look forward to more improvements in the speed and versatility of the ARTAS® iX system by Venus Concept.

CLATICI Victor Gabriel

Thursday, March 31, 2022 - from 16:30 to 17:30

AURIC 5

Session:

Skin Voice

URBAN LIFESTYLE AND AGING PROCESS - WHAT IS THE NEXT STEP?

Urban Lifestyle and Aging Process - What is the next step?

The skin represents the interface between external and internal aggressions, hence undergoes aging under the influence of both internal (intrinsic) factors and external (extrinsic) agents, two aging processes which are clinically and biologically different.

Because of its visibility, skin health and skin appearance have the ability to influence self-esteem, mental status, social interactions and over- all quality of life.

The face is the primary source of information in social perception. The face serves a key role in social perception, affecting people's judgments of everything from trustworthiness and aggressiveness to competence and likeability in as little as 100 milliseconds.

Skin aging is a complex biological process influenced by combination of endogenous or intrinsic (genetics, cellular metabolism, hormone and metabolic processes) and exogenous or extrinsic (chronic light exposure, pollution, ionizing radiation, chemicals, toxins, and lifestyle choices such as smoking, sleeping positions, diet, and daily skincare habits) factors. Extrinsic aging is estimated to account for 80% of the visible signs of skin aging, whereas intrinsic aging, which is genetically, accounts for only 20%.

In our opinion, urban life style is best characterized by lack of time and overcrowded cities, which is associated with acceleration of skin ageing. The most important factors involved in skin ageing (sun, smoking, sugar, stress, sleep, skin care and pollution) are directly affected by our lack of time and longer exposures to these negative factors.

Insufficient sleep has become a worldwide epidemic, urban life is associated with reduction the sleep and disturbance of sleep, and sleep represent an important process for skin recovery from aggressions! Sleep disturbances have become a problem worldwide and urban life is also mainly associated with insufficient sleep. This also impacts skin aging processes since sleep is an important factor for skin recovery from aggressions.

Pollution has been recognized as one of the driving factors that accelerate skin aging, besides solar radiation, as proposed by the exposome theory. Protection of skin from air pollution is considered an essential part of a multipronged approach to slowing skin aging.

Modern urban living can be summarized by unhealthy eating habits, sedentary life, sleep disturbances and chronic exposure to pollution, stress, UV and smoking. We therefore propose "urban skin ageing" as a new concept on ageing. Skin problems can arise due to various factors, some of them natural and uncontrollable (chronological and intrinsic aging), while others are totally dependent on individual life habits like the ones mentioned above. This is why all efforts should be directed towards maintaining the functional and anatomical integrity of the skin and the main challenge is to go beyond maintaining an appearance.

COHEN Maria Fernanda

Thursday, March 31, 2022 - from 09:30 to 10:45

PRINCE PIERRE

Session:

The Good, The Bad, The Ugly - Everything You Need to Know about Fillers

HOW FILLERS MAKE YOU LOOK OLDER? - NEGATIVE LONG-TERM CONSEQUENCES OF THE USE OF FILLERS

Fillers are a wonderful tool when used properly to return the volume lost in the aging process or to harmonize the face features.

There are times that fillers are placed in the wrong way (the wrong depth, the wrong product or the wrong amount) and make the patient look older, for example in the overfilled syndrome.

In this conference we are going to discuss the most frequent mistakes made with fillers in popular personalities and discuss how to avoid them.

COHEN Maria Fernanda

Saturday, April 02, 2022 - from 11:00 to 13:00

PRINCE PIERRE

Session:

More About Threads

THREADS - THE ROLE OF EXPECTATION. HOW LONG "SHOULD" THREADS LAST?

The gold standard to enhance sagged tissues has always been surgical lifting and threads were presented 3 decades ago as a good alternative.

The EBM does not support the use of threads as an alternative to surgical lifting because in most of the studies the lifting effect start to fade by 6 months.

In this conference we are going to discuss the real role of thread lifting in aesthetic medicine and the role of the patient expectation.

D'ALESSIO Patrizia

Thursday, March 31, 2022 - from 14:00 to 15:00

AURIC 5

Session:

Inflammaging

THE 2022 ANTI-INFLAMMATORY ARSENAL TO SENSIBLY DELAY AGING IN 2022

Introduction

In an attempt to understand the particular form of inflammation that accelerates the signs of aging, it has been recognized that sustained stress induces such a deleterious ongoing inflammatory status. The cause of most of the diseases that appear with advancing age, be it cancer or neuro-degenerative diseases, thus seem to be a fundamental pro-inflammatory status that can sometimes be completely asymptomatic. Moreover, long-lasting depressive states, more specifically systematic sleeplessness or difficulty to concentrate, are other witnesses of an underlying chronic inflammatory state. Although such a silent inflammatory status may accelerate aging (inflammaging), it is clear that associated symptoms can concern young and old alike. Up to now, because chronic inflammatory conditions such as auto-immune diseases, skin rashes and/or articular stiffness/pain are classical beacons of aging, the offer of anti-inflammatory drugs (both steroid and non-steroid), biologics and/or geroprotectors has recently intensely increased and diversified. Yet, does the 2022 pharmacopeia offer alternatives in the form of novel drugs, molecules, rituals or practices? Will stem-cell transfusion -among other bio-objects- cure the nasty fundamental traits of chronic inflammation? Do we have at our disposal more sensitive approaches?

Results

Three kinds of approaches are available in 2022 for the healthspan increase requested by our fellow citizens: i) classical anti-inflammatory drugs in case of immediate danger, ii) nutritional approaches and iii) Vagus stimulation, encompassing cardiac coherence training, physical activity and meditation. The latter is to be considered for an endogenous anti-inflammatory approach, together with lifestyle adjustments, meaning devoting attention to one's emotions, when the preventive mode is contemplated. This leads to a globally integrated approach that goes hand in hand with the promise to succeed in delaying the appearance of aging signs and symptoms. Compliance to such a strict agenda involving an uncompromising discipline in performing all sorts of salutogenic rituals, yet certainly efficient, does however not necessarily turn out to be the panacea. Indeed, surprise and exhilaration are still the basic ingredients of motivation and pleasure ("love and scandal are the best sweeteners of tea", as the British hold it).

Conclusions

Between classical pharmacologic and more up-to-date qualitative approaches, novelty in anti-inflammatory / anti-aging approaches in 2022 lies in the entrance on the market of bio-objects linked to an immense promise. They already seem to critically forge a new subjectivity that accepts to integrate, in one's own life, various concepts, from the near-constant control of body functions with connected objects, up to the incorporation of extended and manipulated living cells or fibers from other substrates. With the help of cryo-preservation and bio-impression, the perfect non-perishable skin may be ultimately achieved, the nature of which will however be less and less human, integrating bacteria or electronic devices, in between of a living and

non-living matter.

These futuristic anti-inflammatory strategies seem devoted quite univocally to the disappearance of aging signs, reminding us of similar experiments in the history of humanity. In ancient Egypt, embalming techniques could obtain long-lasting smoothness and wrinkleless of dead skin. Yet the poisonous ingredients used would not have been convenient to the living. Although still invigorated by the belief in immortality, our idea of aging has changed, because it is now possible to live a very long time in good shape. Therefore, it well seems that the most efficient anti-inflammatory (and therefore anti-aging) strategy is that operated by an entertained and preserved body. A subtle balance between the three current options mentioned above of respectively anti-inflammatory compounds, nutrients and Vagus stimulation might well be the key to reach the dream of Dorian Grey.

DAMREE Shameema

Friday, April 01, 2022 - from 14:00 to 16:00

AURIC 4

Session:

Hair Restoration Agenda - Surgical Hair Restoration and Future Treatments

EXOSOMES FOR HAIR REGROWTH AND AGAINST GREYING

Hair follicles are located around adipose stem cells which interact with ASC-exosomes during the hair cycle. Hair ageing is a complex process involving loss of various stem cells, pigment cells, defective immune signals, reduction in regeneration leading to damage in the extracellular matrix. ASC-exosomes are extracellular micro vesicles 30-200nm in diameter with potent repair and regenerative functions of mesenchymal stem cells. They are the mediators of cell-to-cell communication with numerous growth factors and functional miRNA that have regenerative, anti-inflammatory and anti-ageing effects on dermal papilla cells (DPC). ASC-exosomes has been effectively used as a medical therapy for hair loss across three continents over the past two years and is proving to be a novel therapy against greying.

DAVIDOVIC Kristina

Saturday, April 02, 2022 - from 16:45 to 18:15

SALLE DES PRINCES

Session:

Temples, Forehead and Brow Correction

TO CLICK OR NOT TO CLICK - THE IMPORTANCE OF UNDERSTANDING THE LAYERS OF THE FOREHEAD WHEN INJECTING NEUROMODULATORS - A CLINICAL, PROSPECTIVE, INTERVENTIONAL, SPLIT-FACE STUDY

To click or not to click - The importance of understanding the layers of the forehead when injecting neuromodulators - A clinical, prospective, interventional, split-face study.

Davidovic K, Melnikov DV, Frank K, Gavril D, Green JB, Freytag DL, Heisinger S, Pavicic T, Gold MH, Cotofana S. J Cosmet Dermatol. 2021 May;20(5):1385-1392.

Abstract

Background: Differences in the effectiveness of neuromodulator treatments for horizontal forehead lines dependent on depth of product administration have been described. However, knowledge in respect to the fascial anatomy of the forehead still remains elusive.

Aims: To relate the fascial anatomy of the forehead to the effectiveness of neuromodulator treatments by conducting a clinical, prospective, interventional split-face study in which injections for the treatment of horizontal forehead lines are performed differently between facial sides.

Methods: This study included a total of n = 14 patients with a mean age of 35.71 (7.8) years and mean body mass index of 21.9 (3.0) kg/m². One side of the forehead was injected superficially by positioning the product in the superficial fatty layer, whereas the contralateral side was injected deep targeting the supraperiosteal plane (random selection). The treatment outcome was rated by the physician and by two independent observers according to a forehead line severity scale (0-4) at 14 and at 30 days.

Results: All three observers agreed in their ratings (ICC: 0.942) that the deep injection technique resulted in a superior outcome: D14 (superficial vs deep) 0.17 (0.4) vs 0.14 (0.4; P = .583) at rest and 1.26 (0.6) vs 0.43 (0.5; P

Conclusion: The results of this study underscore how detailed anatomic knowledge can enhance results of aesthetic interventions, in this case horizontal forehead line treatment with neuromodulators.

Keywords: botulinum toxin; facial anatomy; fascial layers; horizontal forehead lines; neuromodulators.

DAVIES Owen

Friday, April 01, 2022 - from 09:00 to 10:30

NIJINSKI

Session:

Regenerative Aesthetics Part 2

THE SCIENCE, LIMITATIONS AND FUTURE OF EXOSOMES IN AESTHETICS

Extracellular vesicles (EVs) are lipid enveloped nanoparticles that are naturally produced by cells and function in the

intercellular transfer of biological material such as proteins and RNAs. These particles have been shown to confer many of the therapeutic effects attributed to stem cells, altering the functions of recipient cells upon transfer and modulating the local inflammatory environment. This has made them particularly appealing candidates in regenerative medicine as a scalable alternative to stem cell treatments or as vehicles for the delivery of exogenous drugs and native biological factors. In this talk I will deliver an overview of the current status of EVs in regenerative medicine and identify their potential applications in aesthetics.

DAYAN Steven

Friday, April 01, 2022 - from 14:15 to 16:15

SALLE DES PRINCES

Session:

The Chin is in! (Chin, Jawline Submental Area)

THE HIDDEN CHIN VALUE: THE EYE DOES NOT SEE WHAT THE MIND DOES NOT KNOW

Patients often overlook the benefits of treating their chin. But when pointed out to the gently they become interested. And the benefits to facial harmony and attraction are grand. Tip, techniques and caveats for treating the chin will be demonstrated in a short video followed by a brief discussion.

DAYAN Steven

Saturday, April 02, 2022 - from 09:15 to 10:45

SALLE DES PRINCES

Session:

Tips for Non-Surgical Rhinoplasty

THE 5-POINT NASAL FILLER TECHNIQUE: REDUCE YOUR RISK, ASSURE GREAT RESULT

Non surgical rhinoplasty is perhaps the most difficult and dangerous area of the face to treat with fillers. Techniques to reduce risk and optimize outcomes will be discussed. If you are treating noses with fillers this is a not to be missed talk.

DAYAN Steven

Saturday, April 02, 2022 - from 14:00 to 15:30

CAMILLE BLANC

Session:

"Doctors vs Patients" - Everyday Scenarios...

REALISTIC SCENES - THE DIFFICULT PATIENT, THE SOCIAL MEDIA TITLE WAVE, STAFF ENTITLEMENT AND THE COVID WORLD

Get ready to have some fun~!!! With our Ready for Prime Time Players as we dress up and act out (and we do mean act!) realistic scenes from our clinics and then with the audience figure out the best way to get out of difficult situations.

It is our moral and ethical responsibility as medical providers to set appropriate precedent for standards of care, specially in a new world that has been infected and affected with COVID 19 changing forever the way we treat each other and practice in our clinics. In addition, the Overwhelming presence of overfilled faces, lips, and other extreme transformations seen in social media feeds are creating a generation of unnatural looking people creating a "new normal". Social media responsibility it is an important issue to be discussed because we must assess how our personal and collective work as aesthetic providers impact the mental and physical health of our patients.

DE JAEGER Christophe

Friday, April 01, 2022 - from 11:00 to 12:00

AURIC 5

Session:

Is It Possible to Live Longer? Methylation and GDF11 Approach

KEYNOTE ADDRESS: IS LIVING LONGER POSSIBLE TODAY AND HOW TO ACHIEVE IT?

The near doubling life expectancy in the last century represents extreme changes in personal, professional and social life. But it also presents extraordinary challenges.

Medicine is responsible for the actual extension of life expectancy and now, to be able to go further, longevity science is necessary to expand healthy life expectancy to new horizons.

The sciences provide doctors with more and more tools whose understanding, reasoned use and evaluation are increasingly complex and which in fact escape most non-specialist doctors.

The biology of genes, for example, offers us an enormous amount of information and possibilities for intervention, but which are again very complex to use.

But genes are only one of the many pathways of intervention on human senescence: oxidative stress, cellular energetics, growth factors, etc. are very effective complementary pathways of action provided if we know how to dose them.

The sciences of longevity are in the process of creating a new medical and physiological specialty which will eventually revolutionize the organization of health and probably the organization of our society.

DELL'AVANZATO Roberto

Friday, April 01, 2022 - from 14:00 to 16:00

AURIC 4

Session:

Hair Restoration Agenda - Surgical Hair Restoration and Future Treatments

PROSTHETIC HAIR FIBRES

Introduction: The issue over alopecia affects both sexes at all ages, with sometimes significant psychological sequelae. Along with androgenetic alopecia, there are forms of alopecia which have various origin as traumatic, surgical, pharmacological and others. In 1993 the first biocompatible fiber was developed in Italy.

Materials and Methods: Artificial hair are similar to natural hair, and they are available in 13 different colors, that can be washed and dried with moderate heat as normal hair, but they cannot be bleached. The fibers length ranges from between 15cm and 45 cm. Besides straight fibers, there are also wave, curly, very curly, and afro types. During the last years the high-density variant, that allows to use 3 hairs with the same graft, is also available. The new device allows to implant up to 800 artificial hair/hour reducing scalp trauma. The procedure is performed under local anesthesia and enables an immediate aesthetic result without pain, scars nor hospitalization.

Results: With this modern technique of hair restoration, we have successfully treated diffuse hair loss or hair thinning, both considered for men and for women. Conditions for success are a suitable patient with healthy scalp, a well-trained and qualified physician, having respect of implant protocols, after care applications, a correct identification, and a treatment of possible skin reactions.

Conclusions: Nowadays automatic artificial hair implant 4.0 is a well proved surgical technique that can also be used singularly or in combination with FUE to provide the best final results.

DINIZ SILVA Ana Cristina

Saturday, April 02, 2022 - from 09:00 to 10:30

NIJINSKI

Session:

NEUROMODULATORS

EXPLORATION OF THE RELATIONSHIP BETWEEN NEUROTOXIN FACIAL AESTHETIC TREATMENT AND MOOD IN PERIMENOPAUSAL WOMEN: AN INTEGRATIVE REVIEW

Abstract

There is growing interest and understanding of the menopause and the menopausal transition in women. However, there is much to be investigated regarding mood dysregulation during this period. Menopause transition begins during the early 40's for many women, which correlates with the largest age cohort of women seeking botulinum toxin (BoNTA) treatments. This integrative literature review aims to explore the hypothesis that there is an unintended consequence of improved mood for perimenopausal women following treatment with BoNTA. A systematic strategy was designed to identify studies related to the use of BoNTA for treating mood disorders in perimenopausal and menopausal women, using well defined inclusion and exclusion criteria. A total of 32 studies were included in the original review, with 11 being discussed at AMWC. The results demonstrate considerable disparities in the sample sizes, definition of age ranges and follow-up periods. In addition, a variety of doses and sites of administration has been used across different studies, making it difficult to compare or draw consistent conclusions. Anti-depressants and hormone replacement remain the mainstay of the treatment of depression in menopausal women. On the other hand, the facial administration of BoNTA has a well-established safety profile and lacks serious or systemic side effects. Whilst the use of daily medications over long periods of time can be a burden for some patients, BoNTA facial injections undertaken every 12-16 weeks can potentially increase compliance to the treatment of depressive symptoms in perimenopausal and menopausal women. Nevertheless, considering the weaknesses and limitations of the available studies, we find strictly necessary the completion of further prospective clinical trials with larger samples and more objective assessment tools to confirm or refute the alluded benefits and to establish recommendations and application protocols.

DOREIAN Simone

Friday, April 01, 2022 - from 14:00 to 16:00

PRINCE PIERRE

Session:

Facial Morphology - Perfecting the Art with Fillers

TREATING THE AMORPHOUS YOUNGER FACE: THE ART OF CREATING LIGHT AND SHADOW WITH FILLERS AND THE CONCEPT OF "HOURLASS CURVES"

An approach to the younger patient with an amorphous face- lacking a clearly defined form or focus of beauty.

KEY CONCEPTS:

Diagnosis: young amorphous face - think skeletal disproportion and treat this
Bone projection controls lightand therefore shadow
Creating light and shadow patterns for patients using injectables
Ogee and "hourglass curves" ©

DOREIAN Simone

Saturday, April 02, 2022 - from 09:15 to 10:45

SALLE DES PRINCES

Session:

Tips for Non-Surgical Rhinoplasty

THE RHINO IN THE ROOM- APPROACH AND TIPS IN MEDICAL RHINOPLASTY

THE RHINO IN THE ROOM Practical thinking and strategies around Non-surgical rhinoplasty in your rooms.

1. Tips on patient selection/rejection,
 2. Use of the humble patient photo in developing a successful treatment plan in complex noses ... a case study
 3. Is there a role for pre-treatment with botulinum toxin ?
 4. Lifting the Tip vs. Hiding the Hump
 5. Base vs. Bridge in ethnic groups
-

DOREIAN Simone

Saturday, April 02, 2022 - from 16:30 to 18:00

PRINCE PIERRE

Session:

Nasolabial Folds Marionette Lines Revisited - Better Understanding Better Treatment

A "STEP BY STEP" APPROACH TO MARIONETTE LINES

A STEP BY STEP APPROACH TO MARIONETTE LINES

A step by step logical approach to rejuvenation with toxin and HA fillers, from Assessment to treatment.

1. Definition , causation, relevant anatomy of marionette lines
 2. Role of toxins in treatment and how to minimise DAO injection complications
 3. Is jawline filler a contributor to remedying marionette lines?
 4. Key Learning points: Raise the lower step up to meet the higher step and strengthening the join between steps
-

DOURTHE Olivier

Friday, April 01, 2022 - from 09:30 to 10:30

AURIC 5

Session:

Advanced Prevention

MEDICAL IMAGING IN ANTI-AGING: UPDATES FOR YOUR PRACTICE

Interactions between Medical Imaging and anti-aging are numerous: screening various silencious diseases with multidimensional MR and CT body scans and consequently preventing them with anti-aging treatment, monitoring age-related diseases and signs as a biomarker to follow-up anti-aging or new treatments.

DUNTAS Leonidas

Friday, April 01, 2022 - from 15:00 to 16:00

AURIC 5

Session:

Aging Gracefully

KEYNOTE ADDRESS: GRACEFULLY AGING - DOES IT EVEN EXIST?

Life expectancy has increased considerably over the past century, with those aged above 65 years projected to triple by 2050 due largely to successful management of infectious diseases. Other significant factors affecting life expectancy include gender, genetics, access to healthcare, hygiene, diet and nutrition, exercise, lifestyle, and crime rate. From this new reality, a

new interdisciplinary field has emerged over the past few decades named geroscience, which is devoted to research into biological aging and focuses on promoting optimal longevity, that is, the possibility of living long while having the advantage of good health and quality of life. Aging involves an array of multifactorial processes and molecular mechanisms, one mechanism being the recently identified disruption of metabolic balance and increased production of reactive oxygen species through glucotoxicity. It has however been observed in fly and mouse studies that glucotoxicity, which deranges glucose metabolism, may be decreased via a reduction in cellular mitochondrial load through mitochondrial protein import system suppression, thus favoring serine production and longevity. Other studies in flies and mice showed that diminished insulin/insulin-like growth factor 1 (IGF1) signaling and caloric restriction (CR) extend the lifespan through modulation of the forkhead box transcription factors class O (FOXO)3. Vitally, modification of these mechanisms needs to be accompanied by a healthy lifestyle, the sum totals greatly aiding in slowing down the aging process. This includes wholesome nutrition (e.g., the Mediterranean diet) which helps prevent heart disease and diabetes and also improves brain health, along with not smoking, regular sleeping patterns, and avoiding overexposure to UV rays and excessive stress, which, inter alia, decrease collagen production. Aging gracefully is possible when we accept the changes while also benefiting from the research findings, following an established lifestyle that enables us to enjoy our days with our physical and mental capacities overall intact.

DURAIRAJ Kay

Thursday, March 31, 2022 - from 14:15 to 16:15

SALLE DES PRINCES

Session:

Bespoke Beauty Attractiveness - Tailor your Treatment - Part 1 (Patient Assessment)

HUMAN ATTRACTIVENESS: AVOIDING THE OVERFILLED FACE

We are facing an epidemic of overfilled faces. In 2020, the total of soft tissue filler treatments was 4.3 million. The puffy, doughy, filler face is something we need to strive to avoid and erase. The current methods for correcting the overfilled face include hyaluronidase, sodium thiosulfate, surgery, and RF micro-needling. We examine the use of hyaluronidase to dissolve hyaluronic acid filler and the use of collagen stimulators to modify facial building. An overfilled face can be avoided by using less product, dissolving liberally, and inserting in micro-aliquots. In this lecture, we will discuss the long-term duration of hyaluronic acid gel fillers, and their longevity in the face noted in MRI studies. We examine mechanisms for hyaluronic acid gel breakdown and my proposed scavenging macrophage theory.

FABI Sabrina

Saturday, April 02, 2022 - from 14:00 to 15:30

CAMILLE BLANC

Session:

"DOCTORS VS PATIENTS" - EVERYDAY SCENARIOS...

REALISTIC SCENES - THE DIFFICULT PATIENT, THE SOCIAL MEDIA TITLE WAVE, STAFF ENTITLEMENT AND THE COVID WORLD

Get ready to have some fun~!!! With our Ready for Prime Time Players as we dress up and act out (and we do mean act!) realistic scenes from our clinics and then with the audience figure out the best way to get out of difficult situations.

It is our moral and ethical responsibility as medical providers to set appropriate precedent for standards of care, specially in a new world that has been infected and affected with COVID 19 changing forever the way we treat each other and practice in our clinics. In addition, the Overwhelming presence of overfilled faces, lips, and other extreme transformations seen in social media feeds are creating a generation of unnatural looking people creating a "new normal". Social media responsibility it is an important issue to be discussed because we must assess how our personal and collective work as aesthetic providers impact the mental and physical health of our patients.

FARGHADANI Hirsa

Thursday, March 31, 2022 - from 10:30 to 11:30

AURIC 5

Session:

A Deep Dive into Cellular Aging

GLUTATHIONE: HOW TO TEST, DIAGNOSE, AND TREAT WITH GENETIC PROFILE

GSH plays a critical role in protecting cells from oxidative damage, in aging processes, degenerative brain disorders, regulation of DNA synthesis and repair, fertility, endometriosis, chronic diseases, cancer...

FARJO Janan

Friday, April 01, 2022 - from 11:00 to 13:00

AURIC 4

Session:

Hair Restoration Agenda - Non-Surgical Solutions For Hair Loss

WHAT CAN BE ACHIEVED WITH CAMOUFLAGE PRODUCTS?

Hair Loss is a very common condition, affecting 50% of men and 30% of women by the age of 50. Hair Loss comes from a variety of causes that have a variety of different treatments. Some hair loss conditions even have no primary treatment proven to treat the hair loss. We have a wide range of camouflage products available today that can provide an almost instant result at creating the look of a full head of hair. Camouflage products can be used alongside long term treatments or on their own to provide the patient/user the relief of concealing their hair loss. Sprays, fibres, hair pieces and scalp concealers are just some of the different types of products that we have available. Each type of product differs in its ease of use, how natural the result looks and how often they need to be used. However the end goal of each is the same, to conceal hair loss and create the look the patient desires.

FARJO Bessam

Friday, April 01, 2022 - from 14:00 to 16:00

AURIC 4

Session:

Hair Restoration Agenda - Surgical Hair Restoration and Future Treatments

ARTISTRY IN SURGICAL HAIR RESTORATION

The art of hairline and hair restoration design has taken a backseat in the explosion of popularity of hair transplant surgery. The new hair restoration surgeon appears to be more concerned with how many grafts can be excised in the one session of FUE in record time. Unfortunately, without going to non-scalp donor sources, we are still faced with the same if not even less finite donor hair material over the patient's lifetime.

One of my observations of the reams of internet photographs of freshly transplanted scalps is the tendency of many colleagues to create obvious lines of grafts in their designs without enough subtlety and without overlap or staggering of the hairs.

When I started out in the field, lectures and demonstrations about the artistic impression of hair transplant surgery were the main event! I will attempt to go through this aspect and highlight tips for efficient use of our hair resources and making sure our patients enjoy their dramatic transformations without being asked if they have had a hair transplant.

FOURNIER Nathalie

Saturday, April 02, 2022 - from 16:00 to 18:00

CAMILLE BLANC

Session:

Lasers and EBDs Part 2

COMBINING THE HIFEM-BASED PROCEDURES OF CORE MUSCLES AND OF PELVIC FLOOR MUSCLES FOR AESTHETIC AND FUNCTIONAL IMPROVEMENT IN ELDERLY PATIENTS

Combining the HIFEM-based procedures of core muscles and of pelvic floor muscles for aesthetic and functional improvement in elderly patients

The High-Intensity Focused Electromagnetic field (HIFEM) procedure has been widely used for aesthetic purposes in non-invasive body shaping. Especially the combination of HIFEM with RF has shown significant results leading to high patient satisfaction. Aside from aesthetics HIFEM is being used for strengthening of pelvic floor muscle in patients with urinary incontinence.

However, the role of pelvic muscles is not only related to intimate health. Pelvic floor muscles play an important functional role and in combination with core muscles affect stability, movement quality and especially posture, which significantly contributes to a healthy and aesthetically pleasing look.

In order to address this issue it may be beneficial to combine the HIFEM and RF treatment of abdomen with the HIFEM procedure of pelvic floor. The patient will not only experience improved core strength but also better posture and stability, which is especially important in older patients. Up to date, no study investigating this combination was published, however, pilot treatments on several patients are showing promising results. Aside from stronger core and pelvic muscles, patients report more confidence due to improved posture.

FRITZ Klaus

Thursday, March 31, 2022 - from 14:00 to 16:00

CAMILLE BLANC

Session:

Lasers and EBDs Part 1

NANO-PULSE STIMULATION TECHNOLOGY - A NEW THERAPEUTIC APPROACH ON CELLULAR LEVEL

Multiple skin disorders tend to be resistant to various treatments or tend to reoccur, such as viral and seborrheic warts, sebaceous gland hyperplasia, actinic keratosis and numerous other benign skin disorders.

A new form of application of the well-known radiofrequency, delivered by microneedles and the new Nano-Pulse Stimulation™ (NPSTM) Technology creates much different effects in the skin on a cellular level than known before (CellFX von Pulsebioscience).

This technology makes it possible to deliver electric energy in ultrashort nanosecond pulses to a skin lesion which, different to other RF methods, does not heat up the treated site, but creates a modulation on cellular level resulting in a non-thermal disappearance of the treated lesion, sparing the surrounding tissue.

Based on the ultrashort pulses the electric energy penetrates into the cells and parts of the subcellular level, changes the electric charge, faster than the cell can neutralize the treated area. This provokes a stimulation of various cellular responses like secretion, differentiation and apoptosis of cells in a regulated cell death (RCD), depending on the amount of energy in the cell type.

Due to the very short duration of the parts and the low energy, heat in the treated lesion is avoided. Instead the ultrashort electric shot creates subcellular nanopores which initiates the "regulated cell death (RCD)" with apoptosis after one day, depending on the penetration depth of the needles in epidermis and dermis. After one week new epidermis covers the treated area mostly without scars.

Also precancerous and malign skin lesions were already treated in animal tests and preliminary clinical studies, that revealed immunologic responses with antitumor effects.

This leads to an elimination of tumor cells locally and the systemic immunological reaction to antigens which are set free during the procedure.

Additional reactions in the cells are an increase of intracellular calcium, of reactive oxygen, and activation of Caspase 3 and the initiation of DNA fragmentation.

Practicality the procedure uses small tips with either 2 or 3 rows of microneedles emitting bipolar radiofrequency. Tips of 1-3 mm length and various thicknesses are available allowing to select the suitable tip depending on size and depth for the treated lesion.

Before the treatment local anesthesia has to be applied by injection.

Currently this new method is FDA and CE approved for most skin lesions, preferably benign.

We treated 10 patients with viral warts, six cleared after one session, 2 cleared after two sessions and one after three sessions. Surprisingly in two cases not directly treated warts at different sites also disappeared

15 patients with seborrheic warts and 15 with actinic keratosis . cleared after just one session .

Due to the immunologic modulation, many additional indications can be expected but still need to be evaluated in studies

FRITZ Klaus

Thursday, March 31, 2022 - from 16:30 to 17:30

AURIC 4

Session:

Tips and Tricks in Cosmetic Dermatology - Session ESCAD

CHEMICAL OR LASER PEEL ? WHICH ONE IS BETTER - WHICH ONE TO CHOOSE ?

Chemical peels work best for fixing superficial skin irregularities, laser resurfacing works well for collagen remodeling.

The indication, peeling depth, expected downtime and potential side effects differ among superficial, medium and deep chemical peels however as well between various ways of laser peeling be it fractional, superficial, deep, multilayer or even combined.

The experience of the therapist, the indication and patient's acceptance of invasiveness determine the decision on which procedure should be preferred.

FRITZ Klaus

Saturday, April 02, 2022 - from 11:00 to 13:00

NIJINSKI

Session:

What's New in the World of Body Contouring

SIMULTANEOUS RF, SHOCK WAVES AND LYMPHATIC DRAINAGE FOR THE TREATMENT OF CELLULITE

Radiofrequency and pressure energies alone are able to improve skin appearance, mostly applied separately in the same session or in separate series.

This study investigates noninvasive cellulite treatments based on simultaneous application of monopolar radiofrequency (RF) and targeted pressure energy to evaluate efficacy and safety in noninvasive cellulite treatments.

Material and methods

Thirty women with cellulite (fibrous/adipose/aqueous types) received 4 gluteofemoral treatments (~24 minutes; ~1000 cm²)

using a simultaneous application of RF and targeted pressure energy. Clinical improvement was assessed using a pentile grading scale and satisfaction questionnaires. Hip/thigh circumference was measured. Ultrasonography and thermography observed changes in dermal/subcutaneous tissue composition and in gluteofemoral thermal profile. Evaluation at 3 months posttreatment was compared against the baseline.

Results

The clinical improvement averaged 2.17 \pm 0.95 (54% improvement). Cellulite was reduced in 93% of cases, while 73% of patients showed good/very good/excellent improvement, with most significant improvement seen in patients with moderately severe cellulite. Hips and thigh circumference decreased on average by 2.31 cm and 2.13 cm, respectively (P

Discussion

The application is effective and safe for treating cellulite. The level of clinical improvement after 4 sessions is comparable to results reported after 6-20 sessions in studies on stand-alone RF/laser/targeted pressure energy devices. The technology is promising and deserves further attention and research.

GASPAR Adrian

Saturday, April 02, 2022 - from 09:00 to 10:30

AURIC 4

Session:

Injectables in Genital Restoration

THE USE OF HA IN AESTHETIC, REGENERATIVE AND FUNCTIONAL GYNECOLOGY

Authors: Gaspar Adrian M.D.; Luis Luis M.D.; Alejandro Carbone M.D.

Background / Objectives

Aesthetic, regenerative and functional gynecology includes the aesthetic and wellness concept that aims to improve the quality of sexual life of our patients. Two of the most important reasons for consultation in our daily practice are: 1) vaginal dryness and symptoms related to Genitourinary syndrome of menopause and 2) flaccidity or vulvar deflation. The objective of this presentation is to show our experience with the use of two different HA fillers that aim to restore the functionality and anatomical appearance lost in this type of women. At the same time to show our results in two research carried out in different groups of patients.

Conclusion

Our results show that the use of a single injectable application of hyaluronic acid effectively improves our patients quality of life reversing not only vaginal atrophy condition, but also both labia majora deflation and the quality of the skin, giving to the vulva a younger appearance and achieving optimal patient satisfaction.

GENNAI Alessandro

Friday, April 01, 2022 - from 11:00 to 13:00

AURIC 4

Session:

Hair Restoration Agenda - Non-Surgical Solutions For Hair Loss

INFRANATANT PORTION OF MICROFRAGMENTED ADIPOSE TISSUE: A PROMISING SOURCE OF SVF FOR THE MANAGEMENT OF AGA

In the last years, several studies proved the efficacy of therapies based on the autologous grafting of adult mesenchymal stem cells to accelerate the healing and regenerative processes of the skin and mesenchymal tissues. In light of these results, some AA proposed the possibility of restoring the hair cycle in male and female androgenetic alopecia (AGA) using autologous fat enriched with SVF. Our study wants to clarify the logic behind the fact that an injection treatment, using only the cells of the SVF, can induce, in AGA prone tissue, such modifications to decelerate or reverse the course of this pathology.

method

A scrupulous analysis has been done on an innovative technique we used to harvest the tissue and on its related procedure. It shows to be effective in obtaining a liquid portion of alive and proliferating ADSCs. These results were obtained by cell characterization. The adipose tissue harvesting procedure is performed under local anaesthesia. The adipose tissue was harvested with a 2 mm diameter microperforated cannula with 1 mm side port holes, mounted inside the special patented guide. Once the adipose tissue is harvested, it is gently washed. The tissue harvested and washed was divided in two specimens:

1. EMU: the tissue was emulsified with 20 passages from one syringe to another.
2. CTRL: the tissue didn't undergo any emulsification. The two specimens (EMU and CTRL) were processed in the lab to quantify the number of adherent and proliferating cells in the tissue and infranatant after centrifugation. The number of infranatant cells derived from the control specimen (CTRL) and emulsified specimen (EMU) were compared to the number of cells recovered from the tissue component in the two specimens. Lipoaspirate samples were centrifuged for 10 minutes at 300g. Two different layers were obtained: an upper layer of tissue and a liquid part of infranatant. Each condition was cultured in expansion medium composed of Dulbecco's Modified Eagle's Medium High Glucose (DMEM-H), 10% fetal bovine serum (FBS) and 1% Penicillin and Streptomycin (PS) (all material from Lonza, Walkersville, MD, USA). After 3 days, the medium was replaced with a fresh one; for tissue condition, the medium was replaced, and the tissue was left in the plate to

allow full cell migration to plastic surface. Cells were left to grow until they reached 70% of confluence, then were trypsinized and counted. For each sample, cellularity was obtained as the number of counted cells divided per milliliters of infranatant or tissue.??

GENTILE Pietro

AURIC 4

Thursday, March 31, 2022 - from 09:00 to 11:00

Session:

Minimally Invasive Surgery Agenda - Body Breast Surgery

THE COMBINED USE OF FAT GRAFT, ADIPOSE DERIVED STEM CELLS (ASCs) AND PLATELET RICH PLASMA (PRP) IN BREAST AUGMENTATION

Background: Fat graft enhanced with adipose-derived stem cells (FG-e-ASCs) has been utilized in outcomes of radiotherapy after mastectomy, breast soft tissue defects, ulcers, and loss of substance. The authors present their experience utilizing FG-e-ASCs in breast augmentation.

Objectives: The aim of this study was to evaluate the safety and efficacy of a study group (SG) regarding the utilization of FG-e-ASCs in breast augmentation for aesthetic improvement, comparing the results with a control group (CG).

Methods: A total of 46 patients affected by breast hypoplasia were treated with FG-e-ASCs, comparing results with those of a CG (n = 30) treated with fat graft not enhanced with adipose-derived stem cells (FG-ne-ASCs). The preoperative evaluation

included a complete clinical evaluation, a photographic assessment, magnetic resonance imaging of the soft tissue, ultrasound, and mammography. Postoperative follow-up took place at 1, 3, 7, 12, 24, and 48 weeks and then annually.

Results: The patients treated with FG-e-ASCs showed 58% maintenance of the contour restoring and of 3-dimensional (3D) volume after 3 years compared with the patients of the CG treated with FG-ne-ASCs, who showed 29% maintenance.

In 67.4% (n = 31) of breast augmentations treated with FG-e-ASCs, we observed a restoration of the breast contour and an increase of 10.3 mm in the 3D volume after 36 months, which was observed in only 20.0% (n = 6) of patients in the CG treated with FG-ne-ASCs. Volumetric persistence in the SG was higher than that in the CG (P

Conclusions: Utilization of FG-e-ASCs was safe and effective in this series of cases performed.

GENTILE Pietro

NIJINSKI

Thursday, March 31, 2022 - from 11:00 to 13:00

Session:

Regenerative Aesthetics Part 1

PLATELET-RICH PLASMA AND HUMAN FOLLICLE MESENCHYMAL STEM CELLS IN ANDROGENETIC ALOPECIA

Platelet-rich plasma (PRP) and Micrografts containing human follicle mesenchymal stem cells (HF-MSCs) were tried as a potential treatment for androgenetic alopecia (AGA). However, little to no work has yet to be seen wherein the bio-molecular pathway of HF-MSCs or PRP treatments were analyzed. The aims of this work are to report the clinical effectiveness of HF-MSCs and platelet-rich plasma evaluating and reviewing the most updated information related to the bio-molecular pathway. Twenty-one patients were treated with HF-MSCs injections and 57 patients were treated with A-PRP. The Wnt pathway and Platelet derived-growth factors effects were analyzed. 23 weeks after the last treatment with mean hair thickness increments (29 ± 5.0%) over baseline values for the targeted area. 12 weeks after the last injection with A-PRP mean hair count and hair density (31 ± 2%) increases significantly over baseline values. The increment of Wnt signaling in Dermal Papilla Cells evidently is one of the principal factors that enhances hair growth. Signaling from mesenchymal stem cells and platelet-derived growth factors positively influences hair growth through cellular proliferation to prolong the anagen phase (FGF-7), inducing cell growth (ERK activation), stimulating hair follicle development (β-catenin), and suppressing apoptotic cues (Bcl-2 release and Akt activation).

GENTILE Pietro

AURIC 4

Thursday, March 31, 2022 - from 14:00 to 15:15

Session:

Minimally Invasive Surgery Agenda - Face Surgery - Part 2

THE COMBINED USE OF FAT GRAFTING ENRICHED WITH SVFS IN FACE SOFT TISSUE DEFECTS

Objectives: The aim of this study was to evaluate the safety and efficacy of the use of FG-SVFs in face rejuvenation for esthetic improvement, analyzing also the results obtained in outcomes of scars, burns, and soft tissue defects.

Methods: 33 female patients affected by face's soft-tissue defects with loss of volume, study group (SG), were treated with FG-SVFs, comparing results with a control group (CG) (n = 30) treated with fat graft not enhanced (FG). Clinical evaluation, a photographic assessment, magnetic resonance imaging (MRI), and ultrasound (US) were performed. Post-operative follow-up was performed at 1, 3, 7, 12, 24, 48, weeks, and then annually.

Results: SG patients showed 61% maintenance of the contour restoring and of volume after 3 years compared with the CG

treated with FG, who showed 31% maintenance. 60.7% (n = 20) of SG patients, presented an increase of 6.6 mm in the soft tissue volume after 36 months, which was reported in only 33,3% (n = 10) of the CG. Volumetric persistence in the SG was higher than that in the CG (p < 0.05). MRI and US moreover confirmed the absence of important side effects, such as fat necrosis, and cytosteatonecrotic areas.
Conclusions: The use of FG-SVFs was safe and effective in this series of cases treated.

GINTER Serge

Friday, April 01, 2022 - from 16:30 to 17:30

AURIC 5

Session:

Hormones and Aging

NEW ASPECTS IN HORMONAL TREATMENTS OF MENOPAUSE

New aspects in hormonal treatments of menopause

Should HRT be considered as an Anti-Aging Strategy in 2022 ?

Postmenopausal HRT must be individualized, according to symptoms individual risk factors, the possible need for prevention and the woman's preferences and expectations. Consideration of HRT should also be part of an overall strategy including lifestyle recommendations. Women with early menopause, symptomatic menopause or without early substitution should be considered at higher risk for cardiovascular disease, osteoporosis, affective disorders and dementia. Use of HRT may reduce these risks dependent on the time treatment is started and the kind of treatment used. There is good evidence that HRT reduce menopausal symptoms and preserve bone density. HRT includes a wide range of hormonal products and routes of administration, with potentially different advantages and risks. Healthy women younger than 60 years should not be unduly concerned about the safety profile of HRT. New data and re-analyses of older studies by women's age show that, for most women, the potential benefits of HRT given for a clear indication are many and the risks are few when initiated within a few years of menopause. Natural progesterone and some progestogens have specific beneficial effects that could justify their use besides the expected actions on the endometrium. Androgen replacement should be reserved for women with clinical signs and symptoms of androgen insufficiency. Androgen replacement often has significant beneficial effects in women with bilateral oophorectomy or adrenal failure, particularly on health-related quality of life and sexual function. Menopause may be considered a risk factor for coronary artery disease in women due to the potential effects of ovarian failure on cardiovascular function, blood pressure and various metabolic parameters (glucose tolerance, lipid profile). Arterial hypertension, high triglyceride level and diabetes are more important cardiovascular risk factors in women than in men. Once they develop an infarct, the prognosis in women is significantly worse than that in men. We will also analyze some recent recommendations such as that of the British Menopause Society & Women's Health Concern 2020 on hormone replacement therapy in menopausal women

GOLDIE Kate

Thursday, March 31, 2022 - from 14:15 to 16:15

SALLE DES PRINCES

Session:

Bespoke Beauty Attractiveness - Tailor your Treatment - Part 1 (Patient Assessment)

PATIENT 3 - ASSESSMENT TREATMENT PLAN

Patient assessment and planning includes several important variables such as the age of the patient, the patient intentions, product selection according to their rheological properties, area to be treated and desirable outcomes. A successful and attractive outcome begins with a proper consultation.

GONZALEZ ISAZA Pablo

Saturday, April 02, 2022 - from 11:00 to 13:00

AURIC 4

Session:

Laser Technologies in Genital Restoration

TOPOGRAPHIC LABIAPLASTY : A NOVEL CONCEPT TO IMPROVE AESTHETIC AND FUNCTIONAL RESULTS

Labia minora Hypertrophy is multifactorial but in general terms is a normal variation of anatomy. The demand for surgical treatment is increasing exponentially year after year. Labiaplasty is a surgical option which aims to improve functional and aesthetic concerns. Unfortunately, most of the surgeons lack of enough experience, in order to achieve good results in the preservation of anatomical functions and sexuality. Moreover, the number of secondary or revision labiaplasties is also increasing. There is a lack in literature, of a standardized system to identify anatomical variants and plan a surgical procedure according to the patient's needs. Our group has developed a structured idea that divides the components of labia minora hypertrophy and its anatomical landmarks. We have named it "TOPOGRAPHIC LABIAPLASTY", and has been applied on 45 patients from July 2017 to July 2020. GAS (Genital appearance scale), a validated tool used prospectively to our study group, demonstrated statistically significant changes.

Topographic labiaplasty, allows the surgeon to clearly identify all the anatomical variants and topographic landmarks involved

in a labia minora hypertrophy. According to our group experience, we believe that this system will be a game changer among labiaplasty surgeons, in order to provide an adequate balance, regarding anatomy, function, and sexuality

HUANG Yau-Li

Friday, April 01, 2022 - from 16:30 to 17:30

AURIC 4

Session:

Navigating the New Horizons of Aesthetic Dermatology in Asia - Taiwanese Experience

SAFE FILLER INJECTION ON THE TIP OF A NEEDLE

I think the safety measures of filler injections must have four line of defenses They are : being familiar with facial anatomy, principles of safe filler injections, real-time imaging as a aid, and the checklist implementation. I am going to address on the issues of extrusion force, aspiration test, real-time imaging, and the assistance of smart fingers during injection on the danger zone.

IBANEZ Ivan

Saturday, April 02, 2022 - from 14:00 to 16:00

AURIC 5

Session:

Insight Into Cell Aging Process

PRACTICAL APPROACH TO ANTI-AGING TREATMENT THROUGH PHYSICAL EXERCISE

The natural aging process is carried out by a progressive loss of homeostasis leading to a functional decline in cells and tissues. The accumulation of these changes stem from a multifactorial process on which both external (environmental and social) and internal (genetic and biological) risk factors contribute to the development of adult chronic diseases. Strategies that can slow cellular aging include changes in diet, lifestyle and drugs that modulate intracellular signaling. Exercise is a promising lifestyle intervention that has shown antiaging effects by extending lifespan and healthspan through decreasing the hallmarks of aging and age-associated inflammation. Physical exercise preconditioning is based on a phenomenon called "Hormesis", which is a beneficial adaptation strategy for the survival of organisms in the face of an attack and that goes back to the origins of life.

Many studies have shown that AMPK as a central regulator of the cellular effects of exercise due to its integrative effects in different tissues.

Some Hormetic Agents that have an important impact to health:

- 1) PHYSICAL ACTIVITY WITH MEDIUM TO HIGH INTENSITY PEAKS (HIT, High Intensity Training)
- 2) INTERMITTENT HYPOXIA-HYPEROXIA
- 3) INTERMITTENT REMOTE ISCHEMIA (RIP; Remote Ischemic Preconditioning)
- 4) INTERMITTENT FASTING

Physical performance, is the most important health marker known in nowadays (exercise and health, 203.462 citations in PubMed). It can be expressed as the Maximum Oxygen Consumption that a person can achieve (VO₂ max) or the equivalent in MET's (one MET is the caloric expenditure necessary to keep the body alive at rest and is equivalent to 3.5 ml / Kg of VO₂ consumption). People who can reach 8 MET's or higher (who have the ability to raise at least 8 times what they burn at rest) have a 100% survival, that is, in theory they cannot die from disease. It has been proven that there is a linear relationship between VO₂max or maximum MET's that a person can reach and mortality; less MET's, more mortality. The good news is that people who are classified between 2 and 8 MET's, for each MET they improve with training, increase their survival by 14%.

However, not appear to be any additional benefit beyond 10 METs, and more recently, there have been an emerging number of reports suggesting that intense exercise may have an adverse impact on an otherwise normal heart.

Other type of hormetic treatment from sports medicine is hypoxic-hyperoxic preconditioning, wich provides protection to the main organs from all diseases associated with ischemia. We know that the most sensitive organs to hypoxia are; brain, heart and lungs, and these are the organs that benefit from hypoxic or ischemic preconditioning by becoming more resistant to lack of oxygenation.

It is also used for the improvement of sports performance and for faster recovery of injured tissues (rehabilitation).

Clinical preconditioning with hypoxia/hyperoxia and physical exercise can be used as a non-pharmacological therapeutic strategy to improve the life expectancy and longevity.

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JAHLAN MATKOVA Marina

Saturday, April 02, 2022 - from 16:30 to 17:30

AURIC 5

Session:

Well-Being Corner

THERAPEUTIC POTENTIAL OF ENTHEOGENIC SUBSTANCES AND THEIR UTILISATION DURING WELLNESS RETREATS FOR MENTAL AND PHYSICAL WELLBEING

Wellness tourism is growing more than twice fast as a general tourism. Market research confirms that a great percentage of people are turning to holistic stance on entheogens to ameliorate their mental and physical state. In Europe and worldwide, several countries allow ethnogen utilization in the ceremonial context or for the scientific purposes, where after participants report positive changes in their daily life and improvements in their mental and physical wellbeing.

During the presentation the review of scientific studies will rise an awareness about this emerging niche in modern medicine respecting legal implications and ethics to this subject.

JAKLIS Antoine

Thursday, March 31, 2022 - from 15:15 to 16:00

AURIC 4

Session:

Minimally Invasive Surgery Agenda - Surgical Rhinoplasty

SURGICAL RHINOPLASTY WITH LOCAL ANESTHESIA

Rhinoplasty is a surgery in a localized area of the face that can be done under pure local anesthesia without assistance of an anesthesiologist.

Many issues should be well considered and mastered if we choose to do it. Namely the psychology of the patient, the limited time of the surgery, the total control of pain and anxiety, the control of bleeding and the step by step successful gestures avoiding repetition and waste of valuable time.

Primary and revision rhinoplasties can both be done using this technique. A septoplasty, when needed, can be associated to it. Best candidates are young females without history of previous surgeries. Ideal time limit of the surgery is 45 minutes.

Follow-up is similar to any rhinoplasty.

JANOVSKA Jana

Saturday, April 02, 2022 - from 12:00 to 13:00

AURIC 5

Session:

Glycation

GLYCATION AND BIOLOGICAL CLOCK

Introduction

Advanced glycation end products (AGEs) are involved in the development of several age-related complications. The protective role of soluble receptors for AGEs (sRAGE) against deleterious effects of AGEs has been indicated in several studies.

Previously we demonstrated association between cumulation of AGEs and skin manifestations such as: acanthosis nigricans, seborrhoic keratosis, and teleangiectasias on facieal skin, as well as increased skin ageing index (Janovska et al., 2017). Cumulation of GLUT-1 and FOXP-3 in dermis immunohistochemically in glycated skin was demonstrated.

It is important to highlight that biological age is closely related to internal processes in the body, to the glycation process. The

evidence that the age-related changes in DNA methylation play a role in aging comes from studies of anti-aging interventions (e.g., caloric restriction, iron deficiency, dyslipidemia). Variation in healthy aging and lifespan is ascribed more to various non-genetic factors than to inherited genetic determinants, and a major goal in aging research is to reveal the epigenetic basis of aging (Sangkyu Kim et al 2018). DNA methylation can modulate gene expression in response to exposure to various substances, such as nutrients, smoking, and environmental chemicals. This study was carried out to identify possible role of glycation on biological age and DNA hydroxymethylation.

Materials and methods:

Generally, 150 both gender patients were analyzed regarding glycation and oxidative stress, age group 40-50 years (Me=47,1). MethylAge and glycation was analyzed in 40 patients, with average age 40,1 years old.

Waist circumference and BMI were conducted, as well as lifestyle factors and skin ageing signs (using Skin Aging Index, Janovska et al, 2019). Clinical examination of skin (such as facial expression of telangiectasia, skin laxity, keratosis and dyspigmentation were done using dermatoscopy Dermlite). Blood biochemical analyses (cholesterol, HDL, LDL, vitamin D level, CRP) were determined.

Biological age was determined by measuring DNA hydroxymethylation status by LC-MS and correlation of the result to a reference cohort to calculate the biological age in laboratories Reunis. DNA hydroxymethylation was measured for all patients. Hydroxymethylation measurement was done using a gold standard technique (liquid chromatography + mass spectrometry), the biological age equivalent was calculated. AGE Reader was used to measure AGEs cumulation in skin by fluorescence techniques (skin autofluorescence (skin AF)). No conflict of interest.

Results:

Statistically significant correlation was observed between MethylAge and sebhoric keratosis, waist circumference, lentigo type of hyperpigmentation and skin ageing index, as well as, metabolic syndrome and hypertriglyceridemia (p

If there is the lowest possible SOD value in the database 1145, then the AGEs prediction is 1.6.

If there is the highest possible SOD value in the database 2240, then the prognose of AGEs is 2.8. Using Single Factor ANOVA test (trendline) link between MethylAge and AGEs was detected.

Methylage can be predicted depending on ages (prognostic indicator) using the equation $y = 131.9x^2 - 490.1x + 491.5$, $R^2 = 0.989$.

If AGEs are low 1.8, then the average Methylage prognosis is 36,676 years. AGEs 1.9 then 36,469 - slightly lower.

Other projections in ascending order according to AGEs values. If ages 2.2, then the prognosis of MethylAge is 51,676 years. The mean relative error of prognosis for these patients was 11%.

Conclusion: Dermis and epidermis are both modified due to glycation (macromolecules synthesis, cytokines, metalloproteinases) and it is possible to test inhibitors of this reaction. In conclusion, in skin, glycation is involved in a very complex aging process and simultaneously affect, directly and indirectly, certain cells, their synthesis and the organization of the matrix.

The evidence that the age-related changes in DNA methylation play a role in aging comes from studies of anti-aging interventions (e.g., caloric restriction, iron deficiency, dyslipidemia). Our data showed a link between premature biological ageing and glycation process in the body.

KANODIA Raj

Friday, April 01, 2022 - from 14:15 to 16:15

SALLE DES PRINCES

Session:

The Chin is in! (Chin, Jawline Submental Area)

LOWER JAWLINE CHIN COMPLEX ENHANCEMENT

Background

The weak chin-jawline vector is often a result of:

- a) inadequate development of the ramus, the angle and the body of the mandible, along with a weak mental protuberance
- b) loss of subcutaneous fat or by demineralization of the outer table of the mandible bone.

In order to fully understand the restoration of the lower vector, one must understand the anatomy of the mandible and subcutaneous tissues. We analyze each portion of the chin-jawline complex into four subunits:

1. The condyle to the angle of the mandible (ramus)
2. The angle of the mandible to the base of the mandible
3. The base of the mandible to the mental protuberance
4. The mental protuberance

Understanding the unique changes to each of these subunits and understanding how to address them separately or together is critical to a successful restoration of the chin-jawline complex. Volume restoration with hyaluronic acid can be used to redefine the chin, jawline, and restore lower face strength.

Method

A strong chin-jawline complex demarcates the face from the neck. Loss of this definition is a tell-tale sign of aging. When assessing the chin-jawline complex, the concepts of light reflection and absorption are taken into account. Depending on which subunits require restoration, partial or complete restoration can be undertaken. Volume depletion creates depressions in the "lower vector" and contributes to the signs of aging and a weak chin-jawline complex. HA fillers offer the ability to

manage contour irregularities and concavities with safety, predictability, and reversibility. Meticulous use of Botox in the depressor anguli oris and platysma, in conjunction with Exilis Ultra 360 and Morpheus8 is also a great adjunct to highlight the chin-jawline complex.

Results

Identifying areas of inadequate projection or volume depletion in the lower vector and restoring them with HA fillers creates a strong lower face that is synonymous with a youthful chin-jawline complex.

Conclusion

Appropriate enhancement and creation of a strong chin-jawline complex helps demarcate the face from the neck, thus preserving the integrity of the face and highlighting the angulations of the complex.

KEMP Paul

Friday, April 01, 2022 - from 14:00 to 16:00

AURIC 4

Session:

Hair Restoration Agenda - Surgical Hair Restoration and Future Treatments

WHERE ARE WE AT WITH HAIR CLONING?

Hair cloning, tissue engineering and stem cells have held promises a potential treatment for hair loss for over 30 years. Although none of these technologies have not yet entered clinical practice, much has been learned since the initial work of Jahoda and Oliver in the early 1980's who showed that dermal papilla cells could induce new hairs to form in rodent skin. The technology of hair cloning ie the formation and regeneration of brand new hair follicles, continues to evolve as the importance of the 3D environment and cell to cell communication becomes more understood. However, at the same time, this work has led to a new field of hair cell cloning which rather than creating new follicles aims to rebuild and rejuvenate the patient's own miniaturising follicles rather than letting these follicles degenerate and then producing new follicles in the bald regions to replace them. The talk will review previous and current state of the art of both follicle regeneration and follicle rejuvenation and also explain how the evolution of the clinician/patient relationship, the clinical and regulatory strategy, and business model will accelerate the development and clinical application of these treatments.

KLEINE GUNK Bernd

Saturday, April 02, 2022 - from 11:00 to 12:00

AURIC 5

Session:

Fasting

THE FASTING MIMICKING DIET - THE LATEST TREND IN CALORIC RESTRICTION

Fasting - the easy way

The Fasting Mimicking Diet is a concept that was developed by the US-Italian biogerontologist Valter Longo. During a period of 5 days you are allowed to eat a low carb, low protein diet with a daily intake of 800-1000 kcal. However, one can enjoy all the benefits and longevity effects of a long-term fasting schedule. This includes sirtuin activation, induction of autophagia, etc. In contrast to intermittent fasting (16:8 schedule) you can also achieve the metabolic state of ketosis. So the regime, which should be done every 2 to 3 month, makes fasting easier and can very well be integrated into your daily life activities.
Prof. Dr. med. Bernd Kleine-Gunk

KONTOES Paraskevas

Thursday, March 31, 2022 - from 11:15 to 13:00

AURIC 4

Session:

Minimally Invasive Surgery Agenda - Face Surgery - Part 1

LASER BLEPHAROPLASTY: UPPER AND LOWER BLEPHAROPLASTY UNDER LOCAL ANESTHESIA

Blepharoplasty is a very common and rewarding operation in Aesthetic Surgery, addressing the periorbital aging manifestations. Many techniques have been introduced regarding the surgical approaches aiming to the highest standard results postoperatively.

The aim of this presentation is to point out tips and tricks that can contribute in reducing the average complication rate intra and post operatively during and offering the highest results with blepharoplasty operation under local anaesthesia

Material and Methods: Efficacy and longevity of results following upper and lower blepharoplasty are discussed, comparing pre-op and post-op long term pictures, of patients who underwent periorbital rejuvenation. Incisions, surgical steps, Single Suture Traction Technique, and other factors are presented in order to show the different outcome.

Minor complications rate was reduced in patients where meticulous incisions, dissection, hemostasis and dressings were applied, irrespectively of the technique used. Major complications like hematoma, eyelid contraction, ectropion, sclera show etc. were avoided by meticulous dissection, preservation of the anatomical structures and strict hemostasis.

Conclusions: A high effectiveness in reducing the complications rate and offering high standard results has been proved by

following simple surgical steps, preventive actions and complete understanding of the periorbital ageing anatomy when blepharoplasty is performed under local anaesthesia.

KONTOES Paraskevas

Thursday, March 31, 2022 - from 11:15 to 13:00

AURIC 4

Session:

Minimally Invasive Surgery Agenda - Face Surgery - Part 1

ISAPS PRESENTATION

Presentation of the benefits of being an ISAPS member and contribution to "Aesthetic Education Worldwide TM"

KRAUSE Mario

Saturday, April 02, 2022 - from 12:00 to 13:00

AURIC 5

Session:

Glycation

INTELLIGENT SUGARS IN THE PREVENTION OF AGE-RELATED DISEASES

Intelligent sugars for prevention and during cancer therapy

Glucose but also the refined sugars in our daily food are leading according to their glycemic index to a rapid increase of blood sugar.

Some sugars do not have the same properties and represent different biochemical effects.

For example Tagatose is a more or less metabolic neutral sugar. Only a small part is absorbed and it has very low energy content. Positive side effect: it improves the microbiome as parts of it are metabolized to butyrate by healthy intestinal bacteria.

Galactose is sugar with a strong effect on metabolism. Galactose triggers a metabolic change from fermentation to the use of mitochondria as it delivers no ATP from its metabolism forcing cells to rely on oxidative phosphorylation.

This makes it difficult for cancer cells to consume enough energy.

With the methodology of EDIM two key parameter of cancer cells can be analyzed. Apo10 as a biomarker for inhibited apoptosis and TKTL1 as a biomarker for activated cell cycle, increased ribose-5-phosphate production and DNA synthesis.

The result gives insight in the programmed degradation of nuclear DNA and the cell metabolism of cancer cells and allows the very early detection of cancer and its precursors.

The universal TKTL1 pathway can be influenced not only by medication but nutrition.

Thinking in this direction will offer completely new concepts in producing healthy and tasty foods. Maybe in future cancer can be partially prevented by eating sweets made from intelligent sugars.

LEBBAR Noura

Friday, April 01, 2022 - from 09:00 to 10:30

PRINCE PIERRE

Session:

Efficacy of Combined Treatments in Aesthetics

FOCUS ON THE JAWLINE: TEXAS TECHNIQUE VERSUS ENDO-RADIOFREQUENCY INTRALIFTING

Focus on the Jawline: texas technique versus endo-radiofrequency intralifting

background

The definition of the mandibular line is an increasingly requested treatment in aesthetic medicine. The combination of different techniques to obtain an optimal result is necessary. I decided to combine endo-radiofrequency intralifting during the same session using an endo-radiofrequency thermo-couple and a cross-linked hyaluronic acid filler.

methods

decided to combine endo-radiofrequency intralifting technique and cross-linked hyaluronic acid during the same session in order to define perfectly the jaw-line.

i used thermoregulated endoradiofrequency introducing a thermo-cannula into the superficial subcutaneous layer to obtain skin-tightening and stimulation of the fibroblasts, as well as the retraction of the retinacula cutis fibres. Immediately after the intralifting treatment, I have used a pure cross-linked hyaluronic acid filler with cross linked BDDE agent less than 2ppm and a concentration of 23mg/ml , to improve the definition of the mandibular profile by increasing the projection of the chin and restoring the volumes of the jaw-line where they are missing: for example at the level of the mandibular angle.

results

the result is immediate and long-lasting because we use the action of the endo- radiofrequency to obtain a lifting effect, a regenerative action on the collagen and elastic fibers, The volumes' restoration is obtained by the HA filler leading to a perfect jaw-line definition in a prolonged way.

No side effect was observed, the patients treated didn't have any down-time. The results lasted from 12 to 18 months

Conclusion

Both endoradiofrequency intralifting and texas technique jaw-line definition with hyaluronic acid can be combined in a perfect way to treat the lower face sagging and to give a fresh and younger look.

LETNIKOVS Aleks

Thursday, March 31, 2022 - from 14:00 to 15:00

AURIC 5

Session:

Inflammaging

IMMUNE AGING AND POSSIBLE THERAPEUTIC INTERVENTION

Aging of the immune system is associated with dramatic changes in the distribution of an activity of immune cells. The main changes in immune system that happens with age are the loss of adaptive immunity and the strengthening of nonspecific innate immunity. As a result, the elder peoples become extremely vulnerable to viral and bacteriological infections, to cancer, and they does not protected from chronic tissue inflammation. The combination of weakened adaptive immunity with a tendency to nonspecific tissue inflammation often referred to as "inflammaging". Mechanisms contributing to inflammatory disease in old age include loss of immuno-inhibitory capacity, in particular, impairment of regulatory T-cell (Treg) function. Immune aging is a significant risk factor of the pathologies associated with the aging process. Therapeutic interventions that curb or reverse immune aging will open up opportunities for better treatment of aging-related diseases and have a major impact on public health.

LLANO Francisco

Thursday, March 31, 2022 - from 16:30 to 17:30

AURIC 5

Session:

Skin Voice

INFLAMMATORY XENOBIOTICS AND SKIN AGING

The term "exposome" describes the totality of exposures to which an individual is subjected from conception to death. It includes both external and internal factors as well as the human body's response to these factors.

Current exposome research aims to understand the effects all factors have on specific organs.

Bisphenol A (BPA) is one of the highest volume chemicals produced worldwide. This compound is a building block of polycarbonate plastics often used for food and beverage storage, and BPA is also a component of epoxy resins that are used to line food and beverage containers. Studies have shown that BPA can leach from these and other products in contact with food and drink, and as a result, routine ingestion of BPA is presumed. This compound is also found in an enormous number of other products that we come into contact with daily, and therefore it is not surprising that it has been detected in the majority of individuals examined. BPA is a known endocrine disruptor. Although initially considered to be an environmental estrogen, more recent studies have demonstrated that BPA may be similar in potency to estradiol in stimulating some cellular responses. Moreover, emerging evidence suggests that BPA may influence multiple endocrine-related pathways.

BPA is an endocrine disrupting environmental contaminant used in a wide variety of products, and BPA metabolites are found in almost everyone's urine, suggesting widespread exposure from multiple sources. Regulatory agencies estimate that virtually all BPA exposure is from food and beverage packaging, to cosmetic and beauty containers. Some commonly used hand sanitizers, as well as other skin care products, contain mixtures of dermal penetration enhancing chemicals that can increase exponentially the absorption of BPA. Its been found that when men and women held thermal receipt paper immediately after using a hand sanitizer with penetration enhancing chemicals, significant free BPA was transferred to their hands and then to French fries that were eaten, and the combination of dermal and oral BPA absorption led to a rapid and dramatic average maximum increase (Cmax) in unconjugated (bioactive) BPA of ,7 ng/mL in serum and ,20 mg total BPA/g creatinine in urine within 90 min.

Recent research has confirmed skin both, as an immediate stress perceiver and as a target of stress responses. As the largest organ of the body, skin plays important barrier and immune functions, maintaining homeostasis between external environment and internal tissues.

Skin and its appendages are not only targets of key stress mediators, they are also a local source for these factors which induce various immune and inflammation responses leading to a process defined as inflammaging.

LLANO Francisco

Friday, April 01, 2022 - from 09:00 to 10:30

NIJINSKI

Session:

Regenerative Aesthetics Part 2

FACIAL TREATMENT WITH GROWTH FACTORS, CELL STEM EXTRACT AND EXOSOMES

Mesenchymal stem cells (MSC) are multipotent adult cells, with fibroblastoid morphology and plasticity towards various cell lineages such as chondrocytes, osteocytes and adipocytes, among others. These can be isolated and expanded in culture medium due to their properties of adhesion to plastic, differentiation and proliferation in vitro.

The culture medium of mesenchymal stem cells contains cell growth factors, these are a set of substances that play an important role in intercellular communication.

The main function of growth factors is that of external control of the cell cycle and promotes cell growth, proliferation and survival, which allows the creation of a microenvironment for cell regeneration.

- The Epidermal Growth Factor.

Known by its acronym in English EGF (Epidermal Growth Factor) it was known in the 1980s by Nobel Prize winner Stanley Cohen and can be considered one of the most important innovations in the therapeutic arsenal in recent years.

In addition to being by itself an excellent generator of collagen and elastin that allows us from an aesthetic point of view to have firmer and more elastic skin, it is an excellent BOOSTER when complemented with growth factors and Hyaluronic Acid and/or with the use of your aesthetic medical equipment.

- Exosomes

Exosomes are tiny 30-150 nm vesicles secreted by most cell types in vivo and in vitro. They are found in all body fluids, including plasma, serum, saliva, urine, amniotic fluid, and cell culture media such as mesenchymal stem cells. Exosomes contain various molecular constituents of their cell of origin, including proteins and RNA. Evidence has shown that exosomes serve many different roles and functions.

Other benefits:

- a) Antioxidants
- b) Hydration
- c) Depigmentation
- d) Anti-inflammatory

LLANO Francisco

Friday, April 01, 2022 - from 09:00 to 10:30

NIJINSKI

Session:

Regenerative Aesthetics Part 2

INTRODUCTION

Functional Aesthetic Medicine and Regenerative Medicine, understands that many skin conditions are a result of physiological imbalances within the body, including aging.

With the functional aesthetic and regenerative approach, we also pursue the long lasting effect of the product(s) or procedure(s) applied ..

We strive to identify and address those imbalances causing chronic inflammation.

With an integrative approach to skin care, we strive to support the body's ability to naturally regulate inflammation to alleviate physical symptoms. We adopt a more holistic approach that incorporates many facets including diet, environment, and lifestyle and encourages healing from within.

Individualized skin care wellness plans could include:

- * Nutraceuticals and Supplements
- * Clinical nutrition and dietary shifts incorporating anti-inflammatory foods
- * Clean beauty products and proper sun protection
- * Incorporating herbal products
- * Nutritional supplements and probiotics
- * Personalized lab testing
- * Restorative and regenerative sleep
- * Stress management strategies such as mediation and mindfulness
- * Encouraging supportive relationships

We emphasize treating the whole person. Instead of looking at a healing just the symptom, an integrative and functional approach will look for the root cause. After taking a careful and detailed history, the practitioner will create a personalized wellness plan that fits well with your lifestyle. Treatment plans for skin conditions typically blend addressing gut health, environment, UV damage, mold exposure, toxins and heavy metals, and supporting detox pathways, and healthy lifestyle choices.

Individualized skin care wellness plans could include:

- * Clinical nutrition and dietary shifts incorporating anti-inflammatory foods
- * Clean beauty products and proper sun protection
- * Incorporating herbal products
- * Nutritional supplements and probiotics

- * Personalized lab testing
- * Restorative and regenerative sleep
- * Stress management strategies such as mediation and mindfulness
- * Encouraging supportive relationships

LOPEZ TALLAJ Luis

Saturday, April 02, 2022 - from 16:30 to 17:30

AURIC 5

Session:

Well-Being Corner

CHEMICAL BICHECTOMY WITH DEOXYCHOLIC ACID: USES AND BENEFITS

Chemical Bichectomy with Deoxycholic acid: uses and benefits

Dr. Luis Lopez Tallaj*

*Chair of the International Committee 2011/2016 (ASAPS), Member of the Physicians Coalition for Injectable Safety, Member of the American Society of Plastic Surgeons (ASPS®), Membro da Sociedade Brasileira de Cirurgia Plastica (SBCP)

Summary

Deoxycholic acid (AD) is a bile acid with hydroxide substitutions in its molecule that plays a serum metabolite role in the body. It is one of the four main acids produced by the liver which uses extend to cosmetics¹, dietary, as a gallstone solvent², and to clinical research, as a mild detergent for the isolation of proteins associated with the membrane^{3,4} and as a possible adjuvant in the natural healing processes⁵

Since 2015 it is approved by FDA to improve aesthetic appearance for its ability to reduce fat safely and minimally-invasively (intra-lipotherapy)

Pharmacology and Uses

Like bile acid, its therapeutic power resides in its fat emulsifying capacity in the gut. When injected, it stimulates a targeted breakdown of adipose cells by disrupting the cell membrane causing adipocytolysis. The destruction of adipocytes causes an inflammatory response of the tissue in which macrophages are attracted to the area to remove cell waste and lipids, later on eliminated by natural processes. After this process, fibroblasts appear and a thickening of fibrous septums is observed, suggesting an increase in total collagen, i.e. neocollagenesis

DA is rapidly absorbed after subcutaneous administration of a maximum dose of 100 mg. Plasma levels return to endogenous values within 24 hours, so there is no accumulation of the product at therapeutic doses⁶. Exogenous DA binds to the endogenous bile acid pool in enterohepatic circulation and is excreted unchanged in stools along with endogenous DA.

DA actions are reduced by albumin and other tissue-associated proteins, therefore, the greatest therapeutic benefit is obtained in the poor-protein subcutaneous tissue, while those rich in proteins, such as muscles and skin, are not affected by DA making the product highly safe⁷.

DA sodium salt is often used as a biological detergent to smooth cells and solubilize cell and membrane components^{3,4}. Mixed with phosphatidylcholine, it is used in mesotherapy injections to produce lipolysis and has been used as an alternative to surgical excision in lipoma treatment⁸.

DA most common indication is to treating convexity or moderate to severe fullness associated with submentonian fat, when the presence of it has a psychological impact on the patient, with reductions reported in more than 90% of cases with less than four sessions and with minimal side effects, most of which are manageable, generally of the kind of headache, nausea, skin strain; pain, edema, swelling, anesthesia, nodule, hematoma, paresthesia and induration at the injection site. Much less often bleeding, discoloration and nerve injury occur at the injection site³.

Safety margins are ensured whenever the doses indicated in the appropriate locations (middle area of preplatismal subcutaneous adipose tissue in the submentonian region) are administered by appropriately trained personnel, taking precautions in patients with excessive skin laxity, prominent platismal bands or other conditions in which a reduction in submentonian fat may produce undesired results. It should only be used for one injection session per patient and excess unused product should be removed in the proper way

In or near vulnerable areas, like the jaw marginal branch of the facial nerve should not be injected to avoid possible motor neuropraxia. Avoid injection into salivary glands, thyroid glands, lymph nodes and muscles. The presence of disease or pre-existing treatments in or near the area to be treated, as well as other possible causes of convexity or submentonian fullness (thyromegaly and cervical lymphadenopathy), will be carefully examined.

If the injection site shows the presence of inflammation or induration or prior surgical or aesthetic treatment in the submentonian area, the procedure will not be performed, the same when there are symptoms of dysphagia

Not indicated in elderly, in obese (BMI >= 30) and in patients with a body dysmorphic disorder

Conclusion

DA is an excellent treatment option for small clusters of localized fat, with proven efficacy in chemical buccal fat pad extraction, in the reduction of the jowl, and fat form axilla, the mount of Venus and the inner face of the knees. It will never be a substitute for liposuction for the elimination of bulky fat clusters in large anatomical regions

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MACEDO Luciana

Thursday, March 31, 2022 - from 14:15 to 16:15

SALLE DES PRINCES

Session:

Bespoke Beauty Attractiveness - Tailor your Treatment - Part 1 (Patient Assessment)

NEUROSCIENCE, VISAGISM AND 4D LIFTING APPLIED TO INTEGRATIVE COSMIATRY

Neuroscience, Visagism and 4D lifting applied to integrative cosmiatry: psycho-emotional impact of this new systemic approach to the application of botulinum toxin, fillers, biostimulators and technologies in facial rejuvenation

Integrative Visagism is a new approach that intends to be much more than a set of techniques that seek beauty through the harmonization of haircuts, makeup and accessories. In 2002, Philip Hallawell, an internationally renowned visual artist, also a painter, designer and visual educator, through studies in visual language, psychology and neuroscience, created a new concept that revolutionized visagism, with the IMAGE ID theory, in which everything in the universe, including and especially the human face, has a visual identity and communicates emotional messages with that identity, in addition to expressing its own personality through this visual identity.

Hallawell also created the theory of archetypal symbols and their impact on the limbic system and emotions even before the recognition of images by the visual cortex. Thus, Hallawell created the integrated visagism, with the Philip Hallawell method, whose objective is to create a personalized image that reflects the individual's personality, with its most admirable characteristics. According to Hallawell, visagism is the art of revealing the best of a human being's identity, with harmony and aesthetics. This means that visagism is not just limited to external beauty, but also translates the individual's style and personality.

The author studies neuroscience in depth and applies the Philip Hallawell method in his holistic approach to evaluating and planning the application of botulinum toxin, fillers and technologies and explains in this lecture the neuronal mechanisms and the psychosocial impact of this new approach on the results obtained: a beauty completely different from the bizarre cases seen today, a natural, elegant, authentic beauty that reflects the personality and personal style of each human being.

MAGISTRETTI Philippe Ludovic

Friday, April 01, 2022 - from 09:00 to 10:30

NIJINSKI

Session:

Regenerative Aesthetics Part 2

REJUVENATION TREATMENT WITH INCUBATED PRP NANONEEDLES

Skin rejuvenation using blood extracts such as PRP has been used successfully for several years now. Authors have documented positive results in skin texture, teartrough, hair growth and also acne. We will present two year experience with autologous conditioned serum, (ACS) in different settings.

MAIZETOVA Zulya

Saturday, April 02, 2022 - from 12:00 to 13:00

AURIC 5

Session:

Glycation

REVOLUTIONARY THERAPY TO OPTIMISE CELLULAR REGENERATION

Poor regulation of inflammatory/immune function can allow acute-phase inflammatory response to become chronic, initiating disease and inhibiting tissue regeneration. Current theories of damage-associated molecules released by injured/ infected cells or secreted by innate immune cells activate pathological immune response, leading to chronic inflammation. Research shows that ageing is associated with chronic inflammation, which is its main contributing factor for age related diseases.

Numerous clinical studies have demonstrated that PEMF (pulsed electromagnetic field) therapy has been successful in reducing inflammation, PEMF therapy treats the cellular source of swelling by recharging the cells with a mild electromagnetic current. This presentation will present published data that support the use of PEMF to improve tissue regeneration and show the effect of PEMF on immunomodulatory cells (mesenchymal stem cells and macrophages) to understand the potential for PEMF therapy to modulate inflammatory signalling pathways and improve tissue regeneration. By modulating the expression of various signalling cascades and cellular information processing networks to restore them to healthy production levels, PEMF is showing promise as a treatment for inflammatory regulation to be used to promote tissue regeneration

MANTZOURANI Theodora

Saturday, April 02, 2022 - from 16:30 to 18:00

AURIC 4

Session:

Photobiomodulation, LEDs and Regenerative Therapies in Genital Restoration

HORMONAL TREATMENT AND VAGINAL REJUVENATION

Intravaginal prasterone for vaginal rejuvenation. Genitourinary syndrome of menopause (GSM) is a new term, which replaced in 2014 the older terms vulvovaginal atrophy and atrophic vaginitis to more accurately describe a variety of menopausal symptoms and signs that are related to physical changes of the vulva, vagina, and lower urinary tract. It may affect up to 50% of women. Intravaginal prasterone was shown to be at least as efficacious as vaginal low-dose estrogen therapy as a treatment option.

MANUSKIATTI Woraphong

Friday, April 01, 2022 - from 17:30 to 18:30

AURIC 4

Session:

Aesthetic Trends in Asians

PICOSECOND LASER: A BREAKTHROUGH IN SCAR TREATMENT

Picosecond laser: A breakthrough in scar treatment

Laser and light-based therapies have recently been applied for treatment of scar and scar prevention. In this presentation, the efficacy and safety of picosecond laser treatment for treatment of atrophic and hypertrophic scars will be discussed. Mechanism of action of picosecond laser for this indication will be shared.

MARINI Leonardo

Thursday, March 31, 2022 - from 09:30 to 10:45

CAMILLE BLANC

Session:

The "Tired-Looking" patient - How to Master a Holistic Consultation

CONSULTATION TIME DOES MATTER

There is no better investment than the time devoted to medical and aesthetic consultation. A fruitful consultation requires time. Time optimization is definitely a must since usually no more than 30 minutes are scheduled for this extremely important step of patient-physician relation. As Sun Tzu, the famous Chinese general, wrote in his masterpiece "The art of war": If you know the enemy and know yourself, you need not fear the result of hundred battles, physicians should be encouraged to "translate" this say into daily practice. The key element of a medical/aesthetic consultation is the strategic collection of information leading to effective understanding of who you have in front and what you are asked to treat. Physicians must adopt dynamically adaptive verbal, visual, and gesture techniques tailored to each patient interpersonal communication attitude to gain his/her genuine confidence. Weakening innate psychological shields allows a rapid and fruitful collection of information. There are some key elements to be collected and properly analysed during any medical consultation. One of the most important is the motivational aspects staying behind seeking medical advice. A thorough medical history is of crucial importance not only to collect relevant health information but also to feel the attitude of patients to share this information with you. During the consultation special attention to static and dynamic variations of facial mimic muscles is quite useful to identify hyperkinetic, hypertonic, and contraction asymmetries. Identification of superficial and deep alterations not previously observed by patients should diplomatically pointed out. Willingness to accept and follow proposed treatment plan, including risks of possible complications and side effects besides estimated post-treatment downtime is also quite important to be assessed. Finally evaluation of patient attitude to accept treatment costs should avoid unpleasant misunderstandings. First impact is of crucial importance as in many situations in life. Non-verbal communication analysis is of utmost importance. This type of communication can provide much more useful information than verbal interaction since it is more difficult to be controlled and camouflaged. One of the major goals of any aesthetic consultation is to identify the level of possible BDD which could be the origin of making patients seek medical attention. And again another famous say by Sun Tzu might be of help: he will win who knows when to fight and when not to fight. Should any doubt arise there is no better choice than diplomatically avoid treatment.

MARINI Leonardo

Thursday, March 31, 2022 - from 14:00 to 16:00

CAMILLE BLANC

Session:

Lasers and EBDs Part 1

ADVANCED QS PS LASERS

Ultrashort pulse QS lasers have technologically progressed so significantly during the last few years that is hard to believe their incredible expanding range of clinical indications. QS lasers in nano-second pulse range were already very successful in intradermal exogenous pigment removal as well as endogenous melanotic pigment fading but the advent of QS pico-second laser systems is really writing a new fascinating chapter of laser dermatology. Full beam and fractional beam delivery allow effective modulation of QS laser-tissue interaction expanding the range of skin phototypes that can safely be addressed. The specific almost thermal-free photo-acoustic laser tissue interaction is unique to these advanced laser systems and is opening new horizons in aesthetic as well as general dermatology. Skin rejuvenation can be performed safely and efficiently offering patients a rapid recovery time with minimal downtime and side effects. Combination treatments are easier and more user-friendly due to the extremely contained photo-thermal effects. New handpieces give the opportunity to change the focal photo-acoustic core acting either underneath dermo-epidermal junction (DEJ) or above epidermal surface with clinical effects yet to fully explore. Technical miniaturization and ergonomic design make these systems easily moveable within busy treatment rooms allowing placement of multiple technologies within the same environment.

MARINI Leonardo

Thursday, March 31, 2022 - from 16:30 to 17:30

AURIC 4

Session:

Tips and Tricks in Cosmetic Dermatology - Session ESCAD

EXTRA-FACIAL DERMATOLOGIC FILLERS

Biodegradable filler injections represent one of the most popular techniques in facial recontouring and rejuvenation. Following the successful diffusion of this microinvasive treatment approach, non-facial body areas have been progressively addressed using the same biocompatible injectable substances. Cross-linked mono-phasic and bi-phasic HA fillers, CaHA - now combined with lidocaine for better patient comfort, Poly-L-Lactic Acid (PLLA) have been all used to increase dermal thickness and improve skin elasticity adopting different injection techniques. Extra-facial dermatological fillers associated with higher degree of bio-stimulatory effects, as CaHA and PLLA, are usually delivered through 22-25G cannulas in diluted or hyper-diluted suspensions. Progressive increase of type 1 collagen and elastin have been documented. Studies on long term biological effects of hyper-diluted CaHA (1:2 -to- 1:6) have confirmed its efficacy in improving and maintaining structural and functional characteristics of treated skin. Combination treatments, as documented in many fields of anti-aging dermatology, are producing more intense and prolonged beneficial effects on treated tissues. Non-ablative and ablative fractional lasers, HIFU, photothermal laser bio-stimulation when performed immediately before bio-stimulatory filler injections seem to provide better long-lasting clinical results. More studies are needed to identify and optimise combination treatment sequences specific for different body areas and baseline skin characteristics.

MARINI Leonardo

Thursday, March 31, 2022 - from 17:30 to 18:30

AURIC 4

Session:

20 Years of Lasers and Light, What Did I Learn? - Session ESLD

MY EXPERT APPROACH IN TREATING TATTOOS AND PIGMENTED LESIONS

Artificially and naturally pigmentary modifications of the skin can be successfully addressed using modern laser technologies. Careful clinical evaluation and patient medical history are always important steps before planning any pigment-specific laser treatment. Clinical observation under magnifying lenses, medical photography, dermatoscopic evaluation are extremely useful in assessing the various components of the lesions we are asked to treat. Identifying possible different pigmentary components, not easily seen during conventional clinical evaluation, allows to properly tailor laser treatment strategies. Should scarring be present, combination laser treatment strategies addressing both fibrotic tissue and pigmentary alterations should be put in place. Frac-Tat technique using sequential combinations of ablative fractional lasers and conventional full-beam QS nano- or pico-second laser systems has proven extremely successful in removing exogenous intradermal pigments as well as improving clinical and functional characteristics of scar tissue giving hope to patients affected by resistant tattoos. Complex endogenous pigmentary alterations such as nevus of Ota can be successfully addressed using the Frac-Tat technique reducing the number of sessions to achieve clinically effective pigment fading. Post-treatment skin care is also important to accompany treated tissue along the way of rapid and effective wound healing minimizing side effects such as PIH. Antineoangiogenic topical treatment is usually prescribed during inter-treatment intervals to reduce possible reactive pigmentary and textural alterations.

MARKOVA Natalia

Friday, April 01, 2022 - from 11:00 to 13:00

NIJINSKI

Session:

Criteria of Sexual Attractiveness

PDLLA AND PCL PLA THREADS FOR BEAUTIFUL NECK

So called biotimulation procedures are very popular methods for correction of aging changes of the skin, especially atrophy of skin.

In our hand we have two beautiful methods, which we can combine for better and longterm result and for prevention of sin aging processes.

One methods is lifting and bio-armoring with threads and second method is injection of biostimulation substance as poly-dl-lactic acid fillers.

Threads are an universal method for patients "requests in compacting the skin flap, moving and fixing the ptosis soft tissues in a new position, and creating the so-called face contouring that has recently become popular.

The point of biostimulation injection method is injection of fillers with porous microspheres of poly-dl-lactic acid (PDLLA) subcutaneous and provoke the skin tissue reaction at first on foreign body and after then on the chemical composition of filler.

Materials, methods:

Were used the filler on base of poly-dl-lactic acid, especially the hybrid of D and L isomers of polylactic acid for correction of aging skin atrophy on the patient neck. After 1,5 months after injection were implanted the bioarmoring PCL & PLA threads.

The result of correction of skin with poly-dl-lactic acid filler (200 mg PDLLA in dry substance (porous microspheres with spongiform structure inside) is tightening and fullness of skin. The result of application of bioarmoring threads is compactization of skin flap.

The measuring of skin tightening, fullness were realized with analyzer of skin Kazaka courage device for clinical researchers before and 30 day after the procedures. Were realized the cutometry and corneometry on the Cazaka Courage device for clinical researchers. In the study were participated 10 patients.

Results: The results of tests were provided in additional tables in presentation. The results were measure before the procedure and in 30 days after procedures. In general, were achieved tightening of skin and fullness without additional volume in the place of the injections.

Conclusion: The methods allow to achieve positive, satisfactory and relative long-lasting results of tightening of the skin without additional risks and complications, without long rehabilitation period after procedure. The method of combination of bioarmoring of neck skin with poly-dl-lactic acid fillers and PCL&PLA threads is an universal method for correction of the neck skin aging atrophy.

MARKOVA Natalia

Saturday, April 02, 2022 - from 09:00 to 10:30

AURIC 4

Session:

Injectables in Genital Restoration

BIOSTIMULATION AND VOLUMISATION IN INTIMATE AREA CORRECTION

Correction of the female intimate area has recently firmly taken its position between aesthetic procedures for the face and body. In aesthetic view is very popular at last time the correction of labia majora and so-called narrowing of the vaginal entry.

Usually hyaluronic acid fillers were used, but we suggest using the poly-dl-lactic acid filler and threads, because we can achieve after procedure 2 goals: increasing the volume in the area of injections and collagen stimulating effect after injections.

Thanks to the collagen - stimulating prosperities of the Poly - DL- Lactic acid material was confirmed the replace with neotissues the place of the injection. It means that we can belong the filler on base of Poly-DL-lactic acid to the group of so-called bioimplants and this is possibility to use it like the filler and like the biostimulator.

According to our method, 30 people were treated with satisfactory results.

The correction method is simple to implement. Potential side effects are minimal, given the precautions and recommendations for use of the filler. Patient satisfaction with the procedure is high.

MENKES Sophie

Thursday, March 31, 2022 - from 11:00 to 13:00

NIJINSKI

Session:

Regenerative Aesthetics Part 1

SKIN REJUVENATION USING CONCENTRATE STROMAL VASCULAR TISSUE: AN INNOVATIVE TECHNIQUE FOR DIFFICULT AREAS

Introduction:

We aimed to access whether a novel concentrate SVT procedure improves skin quality, while yielding a regenerative effect, and whether this novel technique can also achieve good results in upper lip, tear trough, and others difficult areas.

Objectives:

Our goal is to show that a concentrate SVT can be effective in these indications. This presentation aims to present our technique, analyzing effectiveness, patient satisfaction, and complications.

Methods:

Fat was aspirated from inner face of the knee, or medial thigh. Following aspiration and flushing, microfat was obtained after washing with saline. This microfat was centrifuged to obtain a concentrate suspension, which was emulsified to obtain a stromal vascular tissue (SVT) suspension. Finally the SVT was centrifuged to obtain a lipoconcentrate which was injected in the upper lip using a 30G needle, the tear trough area using a 25 g cannula, into the subcutaneous layer. Images were obtained before and after at 3, and 6 months. Number of cells, viability, cytometry, CFU-F were measured.

Results:

10 patients were included. Concentrate SVT contained significantly higher adipose-derived stem cells and endothelial cell density. The clinical results were apparent between 4 and 6 weeks after injection, and improvements were continuously observed until 6 months postoperatively. All patients confirmed an improvement in texture, elasticity, firmness, fine lines, skin hydration, and skin pigmentation, with a regenerative effect. Patients also exhibited considerable improvements in skin regularity. Only minor complications were noted, including redness and edema between 2 and 4 days, and some bruises and pain in donor site.

Conclusion:

Skin rejuvenation with concentrate stromal vascular tissue injections at upper lip, tear trough and other difficult areas appears to be an effective method. Centrifugation of microfat and stromal vascular tissue increases the number of cells. This autologous procedure can provide a very good improvement in all these indications, although additional studies are necessary.

MESSENGER Andrew

Friday, April 01, 2022 - from 09:00 to 10:30

AURIC 4

Session:

Hair Restoration Agenda - Hair Loss Disorders, Diagnosis and Treatment

WHAT DO WE KNOW ABOUT THE AETIOLOGY OF FPHL?

Female pattern hair loss (FPHL) has long been regarded as the same entity as male androgenetic alopecia and has been assumed to share the same aetiology. Hair loss can undoubtedly be associated with hyperandrogenism in women but many women with FPHL do not show clinical or biochemical evidence of androgen excess and FPHL has also been reported in the context of hypo-androgenism. There is only limited information on the genetics of FPHL. This does show some commonality with male AGA but some of the gene associations seen in men with AGA have not been found in women. Current thinking is that FPHL is multifactorial but the nature of other aetiological factors is not yet clear.

MITROVIC JOVANOVIĆ Ana

Friday, April 01, 2022 - from 16:30 to 17:30

AURIC 5

Session:

Hormones and Aging

PCOS THROUGHOUT LIFETIME

Polycystic ovary syndrome (PCOS) is one of the most common reproductive endocrine disorders in women and despite this, diagnostic challenges, delayed diagnosis, and less-than-optimal treatment regimens plague the condition.

Many challenges to both understanding the diagnosis and treatment of PCOS in adolescence, reproductive period, perimenopauses and postmenopausal period. Evidence suggests that both clinicians and consumers are not satisfied with the timeliness of diagnosis and treatment options.

During adolescence therapy should be focus on oligo/anovulation, hyperandrogenism, obesity and insulin resistance.

During reproductive period special attention to infertility problems related with PCOS and at the ends of the reproductive period diagnosis and treatment should consider : prediabetes T2DM, hypertension, dyslipidemia, metabolic syndrome, sleep apnea, depression/anxiety, endometrial cancer.

Additionally, in postmenopausal the remaining challenges in the understanding and management of PCOS to help guide in prevention of cardiovascular disease, endometrial cancer, depression/anxiety and obstructive sleep apnea.

PCOS increased risk for cardiometabolic complications and increase prevalence of the metabolic syndrome. Undiagnosed hypertension was more common in subjects with weight excess irrespective of sex and hyperandrogenism. Women with PCOS and weight excess showed frequencies of previously undiagnosed hypertension that were similar to those of men with weight excess and higher than those observed in no hyperandrogenic women. Women with PCOS and weight excess showed frequencies of previously undiagnosed hypertension and increased left ventricular wall thickness that were similar to those of

men with weight excess and higher than those observed in no hyperandrogenic women.

Polycystic ovary syndrome (PCOS) is associated with obesity and low grade inflammation and the risk for cardiovascular disease (CVD) could be increased in PCOS. The event rate of CVD including hypertension and dyslipidemia was higher in PCOS compared to controls. The risk of developing CVD must be considered even in young women with PCOS. Screening of CV risk factors and global CV risk (obesity, cigarette smoking, dyslipidaemia, hypertension, impaired glucose tolerance and lack of physical activity) Lipid profile in overweight/obese PCOS regardless of age. Regular assessment of weight, BMI and waist circumference (6-12 months). All women with PCOS should have BP measurements at least annually and we should treat PCOS patients throughout lifetime. Let's discuss about different therapy approach throughout lifetime in PCOS patients.

MITROVIC JOVANOVIĆ Ana

Saturday, April 02, 2022 - from 16:30 to 18:00

AURIC 4

Session:

Photobiomodulation, LEDs and Regenerative Therapies in Genital Restoration

LEDS VERSUS LASERS IN GENITAL RESTORATION

LEDs versus Lasers in genital restoration

Vulvovaginal atrophy and SUI - GSM /Genitourinary syndrome of menopause / may occur after menopause ,during the years leading up to menopause - perimenopause, after surgical removal of both ovaries -surgical artificial menopause, after pelvic radiation therapy for cancer, after chemotherapy for cancer, as a side effect of breast cancer hormonal treatment after delivery, women with BMI > 30,etc.Genital restoration and rejuvenation is imperative for these patients based on their impaired life quality caused with these problems. Even mild symptoms affect social, sexual, interpersonal and professional function.

During the physiological aging hormone levels significantly drop and cause vaginal atrophy and often symptoms of stress urinary incontinence - SUI and other bladder control problems and urination disorders . One of the contributing factors to stress incontinence in menopausal women is loss of the para-urethral vascular plexus that surrounds the proximal urethra. In the pre-menopausal state, this lush network of vessels serves as a "hydraulic sphincter" to augment other continence mechanisms. In the postmenopausal state, this vascular plexus becomes flat and ineffective .To solve these problems we use for our patients different therapeutic procedures such as HRT, PRP, Laser, LEDs, surgery etc

Light in the visible-to-far-infrared spectrum has been applied to the female genital tract for nearly 50 years. Photobiomodulation (PBM) therapy is tissue exposure to visible and near infrared light sources (laser, LED, etc.), based on non-thermal and non-cytotoxic biological effects.

PBM therapy has been proposed as an alternative for use in managing the genitourinary syndrome of menopause (GSM) and stress urinary incontinence (SUI).

The main biological effects are reduced tissue repair, greater inflammation, infection, and pain.

The rationale behind LEDs is based on their reported efficacy at a cellular and subcellular

level, particularly for 660-nm and 850-nm wavelengths. Phototherapy with LEDs has been proven to reduce the production of pro-inflammatory cytokines, allogenic factors, and increases the production of procollagen and collagen. It may also reduce collagen degradation,

due to the enhanced trophicity of subcutaneous and submucosal muscle tissue (Pablo Naranjo García)

Other observed benefits of phototherapy with LEDs are improved blood flow and neovascularization, as well as the inhibition of apoptosis. LED treatment also reduces pain, including postoperative pain and edema, along with many types of inflammation.

Some studies have reported the use of Er:YAG or fractional CO2 thermal laser for vaginal atrophy other studies have used devices based on light-emitting diodes (LEDs) as well as therapy combining LED phototherapy with thermal laser procedures to reduce thermal laser side effects, such as pain and edema.

We use fractional CO2 technology which creates micro-ablation and thermal damage to the vaginal mucosa and sub-mucosa and induce neocollagenesis and remodeling of the connective tissue of the vaginal lamina propria which is achieved in response to the controlled injury caused by the deep thermal effect. . We follow up our patients three ,six months and after one year after we complete the therapy and satisfaction rate was the same as after the third treatment. Our results showed improvement in neovascularization and vaginal lubrication, normalize vaginal flora and pH and help to eliminate chronic vaginal infections Restores the mucosal quality of the vaginal walls and enhances the sensitivity of vaginal tissue, and overall better life quality of our patients. Our experience with laser therapy is promising and well accepted from our patients suffering from the vulvovaginal atrophy. Sometimes it is not enough to perform only one method and patients need additional therapy. Individual approach to patients with GSM and SUI problems is obligatory.

MOYA Roni

Thursday, March 31, 2022 - from 09:30 to 10:30

AURIC 5

Session:

Improved AA Consultation

MITOCHONDRIAL CELL THERAPY IN ANTI-AGING PRACTICE

Mitochondria are dynamic organelles whose number, shape and protein composition vary in different metabolic and differentiation states and are involved in a plethora of vital processes in the cell. Tremendous scientific advances in

understanding the mechanisms of cellular aging and senescence have been made in recent decades, allowing researchers to link human longevity and health to mitochondrial function. Mitochondrial degeneration has been shown to be the major cause of age-related deterioration and scientific reports concluded that the tissues of a 70-year-old man contained 95% damaged mitochondria compared to almost no damage in that of a 5-year-old child. Hundreds of scientific papers link defective mitochondria to virtually degenerative diseases such as Alzheimer's, diabetes, cardiovascular disease, obesity and cancer.

Cell therapy is a regenerative biomedical treatment based on the combination of peptides, amino acids, proteins, growth factors, transcription factors and hormones derived from cellular tissues with the aim of biochemical, metabolic and immunological modulation as well as cellular restoration. Being a fusion of cell therapy and mitochondrial medicine, mitochondrial organelle cell therapy is a range of peptides that broadens the horizons of therapeutic rejuvenation and creates new opportunities for aesthetic and anti-aging practitioners. Mitochondrial peptides contain an immaculate blend of cellular peptides, predominantly specific to mitochondria, extracted to ensure rapid cell regeneration and restoration of normal function.

The aim of this talk is to present the potential for clinical use of mitochondrial cell peptides in anti-aging and regenerative practice.

STATE OF ART

Mitochondria are cytosolic organelles that have essential functions as a metabolic center that interconnects several anabolic and catabolic processes, including adenosine triphosphate (ATP) production through oxidative phosphorylation, the tricarboxylic acid (TCA) cycle, β -oxidation of fatty acids, heme synthesis steroidogenesis or apoptosis, iron-sulfur cluster biogenesis, calcium homeostasis, and regulation of cellular redox state. The important metabolic role of mitochondria is reflected in their involvement in multiple signaling pathways in the cell, including calcium signaling and apoptosis. To fulfill these multiple functions, mitochondria comprise a large proteome of approximately 1000 proteins.

One of the unique features of these organelles is the presence of an extrachromosomal mitochondrial genome (mtDNA), along with all the machinery necessary to replicate and transcribe the mtDNA. Although mitochondria contain an autonomous genome, the vast majority of mitochondrial proteins are encoded in nuclear DNA and translated in the cytoplasm. These precursor proteins are imported into the mitochondria by specialized machinery that decodes structural signals in the precursor amino acid sequence to distribute them appropriately into four mitochondrial compartments: outer membrane (OM), intermembrane space (IMS), inner membrane (IM), and matrix. .

Mitochondria harbor a conserved proteolytic system capable of degrading polypeptides to amino acids and, therefore, have been considered a final destination for proteins. Several ATP-dependent proteases ensure quality control of mitochondrial proteins in different subcompartments and regulate the biogenesis of the organelle. The vast majority of peptides detected originate from proteins residing in the inner membrane and matrix space and are released from mitochondria in an ATP-dependent manner.

The peptides released from the mitochondria are generated after degradation of a large number of matrix-localized proteins. The peptides released, individual peptides or a set of peptides could indicate the functional status of mitochondria in the cell.

Finally, mitochondria have emerged as critical regulators of innate immune responses to both pathogens and cellular stress. They harbor numerous modulators, which play a direct role in the assembly of innate sensing compounds that trigger the host immune response under sterile and non-sterile conditions. Several lines of evidence indicate the existence of a complex molecular interplay between mechanisms involved in inflammation and metabolism. Mitochondrial function appears to be involved in innate immunity at several stages as diverse as the transcriptional regulation of inflammatory cytokines and chemokines and their maturation by inflammasomes.

INTEREST OF MITOCHONDRIAL THERAPY IN ANTI-AGING MEDICINE

In summary, the difference in function between different cells in the body depends not only on the number and shape of cell organelles, but, more importantly, on the peptide signals that signal each organelle to communicate with the other organelles to form a team and act. the function that this cell is supposed to do. The mitochondria receive signals from the nucleus in the form of peptides and multiple chemicals that are subsequently utilized and used by the mitochondria to modulate their activity to produce energy, regulate the cell cycle, stimulate cell proliferation and regeneration, and prevent cell senescence, apoptosis and cell death. .

As aging occurs, the strength and volume of signals to the mitochondria decrease. The mitochondria take this as a command to stop functioning and send signals back to the nucleus to stop cell proliferation and initiate apoptosis and cell death.

The use of Mitochondrial Cell Therapy peptides in regenerative and anti-aging practice are the main indications:

- Repair of cell viability: ability to recover optimal cell metabolism.

- Revitalization of organ function
- Detoxification
- Inflammatory modulation
- Hormonal balance

In conclusion, mitochondrial cell therapy offers an important tool in clinical anti-aging practice and is a key approach in strengthening the renewal of signals received by mitochondria and their regenerative potential in cellular and tissue rejuvenation.

NARAGHI Mohsen

Thursday, March 31, 2022 - from 11:00 to 13:00

NIJINSKI

Session:

Regenerative Aesthetics Part 1

HOW I USE NASAL FIBRO-FAT AS A VALUABLE GRAFT IN CREATION OF THE AESTHETIC PROFILE

Introduction:

Aesthetic radix augmentation is a popularized procedure to minimize reduction, balance the nasal proportions, preserve adequate dorsal height for better function, and make a natural nose. Various grafting materials have been described to augment the different nasal areas. Options have been included bone, solid cartilage, crushed cartilage, diced cartilage-fascia, diced cartilage-glue, diced cartilage-surgicel, fascia, and dermal graft. Many of these materials have potential problems such as irregularities, unwanted reactions, and considerable resorption. The increased operation time for harvesting and donor site morbidities, skin atrophy over the graft with resultant visibility were other reasons which persuaded us to use intrinsic nasal fat as a graft material for augmentation.

Methods:

Forty-eight patients underwent open and closed approaches for primary rhinoplasty. After elevating the skin flap in a supraperichondrial plane, the lower lateral cartilages and cartilaginous dorsum were exposed. The fibro-fatty tissue over the lateral crura and between the medial crura was harvested with sharp scissors. One to three pieces of fat were usually obtained. Using a 6-0 PDS suture, all fat compartments were attached in a bead fashion, preserving the needle for passing through the skin.

Results:

Fibro-fat grafts were fixed in the radix area with a suture. An overestimated size was preferred to compensate for slight absorption over time. The patients were followed up to three years after surgery with satisfactory results in all of them. No complications have been noted with this type of graft. There was no case of visibility, displacement, or recurrence.

Conclusion:

The nasal fibro-fat graft is a suitable and easy harvested graft material with no morbidity for correcting some deficient areas of the nose. It could fit the place with enhancing the quality of overlying skin and no visibility problem.

ORMIGA Patricia

Friday, April 01, 2022 - from 14:00 to 16:00

PRINCE PIERRE

Session:

Facial Morphology - Perfecting the Art with Fillers

HOW TO CHOOSE THE MOST APPROPRIATE HA FILLER BASED ON FACIAL ANATOMY

Many injectors find it difficult choosing the correct filler to be used in each facial area. The study of rheology is crucial for understanding how to make this decision. In this presentation, we didactically show some concepts that define the mechanical deformation of hyaluronic acid fillers. In addition, we associate these concepts with images and videos of different anatomical structures of the face obtained from fresh frozen specimens. This association allows for the clarification of rheological concepts and how to make the best decision when choosing fillers.

ORTLECHNER Kerstin

Friday, April 01, 2022 - from 11:00 to 13:00

PRINCE PIERRE

Session:

Neck Body - Rejuvenation and Contouring with Injectables Threads

SAFE AND EFFICIENT NECK REJUVENATION COMBINING CAHA AND MICROFOCUSED ULTRASOUND

We ask a lot of our necks in this modern age. "Tech neck" was already a burgeoning phenomenon - but in the age of increased working from home, with many of us still holding meetings virtually, it's taken on a new life. And holding out heads at a downward-looking angle to our smartphones for many hours a day combined with the delicate anatomy of the neck is a recipe for tech-neck related complaints.

Cause of some specific anatomical features on the neck (e.g., thinner dermis, less lipid content, three times more skin stretching - powerful platysma muscle layers) making it more prone to aging than other parts of the body.

Many patients already know, that a preventative, reparative anti-aging routine is non-negotiable if you want to keep your skin looking healthy and youthful. Unfortunately, most people forget that the skin below - their neck - is included in this maxim. Just as your face can show the effects of time and environmental damage, so too can the skin on your neck. Dark spots, wrinkles, loss of firmness and elasticity are all common issues that can appear as you age.

The rising popularity of aesthetic procedures in the face has created a gap between face and nonfacial areas. Patients are often left with an abrupt contrast between the rejuvenated face and the rest of the body.

A whole face-neck-chest approach should be a new treatment paradigm in the aesthetic medicine.

The combination of Calcium Hydroxylapatite, which improves neocollagenesis, angiogenesis and skin mechanical properties, and Microfocused Ultrasound with Visualization, which promotes collagen and elastin production to reduce fine wrinkles and enhance skins overall texture,

is a perfect match for a safe and efficient neck rejuvenation, proved by clinical studies and researches.

Don't neglect the neck!

PAKRAVESH Negin

Saturday, April 02, 2022 - from 09:00 to 10:30

NIJINSKI

Session:

Neuromodulators

UNDERSTANDING THE NEED FOR AN INDIVIDUAL TREATMENT PLAN FOR THE UPPER FACE WITH BOTULINUM TOXIN A

Due to the approval studies of toxins, many practitioners tend to apply a universal treatment method. The musculature of each individual has to be considered individually in order to obtain an optimal result. There are certain anatomical knowledge and treatment methods that help to obtain a treatment tailored for the individual patient.

PAVICIC Tatjana

Saturday, April 02, 2022 - from 09:15 to 10:45

SALLE DES PRINCES

Session:

Tips for Non-Surgical Rhinoplasty

NON-SURGICAL RHINOPLASTY FOR CAUCASIAN NOSES - LOOKS SO EASY, BUT IT'S DEFINITELY NOT

The introduction and development of minimal invasive procedures like injections of botulinumtoxin A (BoNTA) and different filler materials have revolutionized the aesthetic treatments in the last 30 years

Although a non - surgical rhinoplasty is one of the most frequently performed procedures with fillers in Asia resulting in a dramatic

aesthetic improvement, in Europe the rhinoplasty still has remained a clear surgical domain for a long time. However due to significantly less to no downtime, lower costs and its reversibility a non-surgical rhinoplasty with fillers and BoNTA has become a beacon indication under

the cosmetic procedures in Caucasian patients in the last couple of years. A correction of the nose hump or the lifting of the nose tip are most frequently requested. The absence of significant mechanical stress combined with the stability of the support of the nasal pyramide results in a longer lasting results with fillers than in other parts of the face. However there are several reports on serious adverse events like tissue necrosis and blindness after filler treatment in the nose. Therefore the thorough knowledge of the anatomy as well as the correct product and injection tool choice are essential to avoid complications and achieve best results.

To minimize the risk the injection plane of the filler with a cannula should be at the level of supraperichondrial and supraperiosteal layer.

PAVICIC Tatjana

Saturday, April 02, 2022 - from 11:15 to 13:15

SALLE DES PRINCES

Session:

Periorbital Zone and "Foxy Eyes" Trend - Lifting Rejuvenating

NO MORE TIRED EYES - ANATOMY-BASED INFRAORBITAL REJUVENATION WITH FILLERS

Although small, the periorbital area, especially the tear trough, has a huge impact on the appearance of the whole face. There is no other area of the face as the infraorbital hollow that when deflated gives such an impression of tiredness, age and chronic depression.

The signs of aging appear in the periorbital area - consisting of the upper brow, upper and lower eyelid, and infraorbital rim - already in the mid 30s or even earlier in some individuals.

The infraorbital hollowing consists of a tear trough

- a depression between medial limbus and medial canthus - and a palpebromalar junction

- a depression between medial limbus and lateral canthus -
is one of the most challenging treatment areas of the face.

In particular the tear trough demands special precaution as it consist of only three anatomical layers - extremely thin skin, thin and fenestrated orbicularis oculi muscle (OOM) and bone. Accordingly, overcorrection, too superficial injections, or choice of an inappropriate filler may lead to unpleasant aesthetic results and adverse events like lumpiness, swelling or Tyndall effect.

Therefore, exact knowledge of the layered anatomy, careful selection of patients, filler material, and injection techniques are key criteria for successful treatment outcomes.

HA fillers of lower viscosity are recommended, particularly during the initial treatment.

High - viscosity HA or CaHA are not suitable and may lead to visible lumps under the usually skin thin under the eye.

The filler should be placed on the bone below the OOM along the orbicularis retaining ligament (ORL) or between the arcus marginalis and ORL. The filler should never be injected above the inferior orbital rim. In more severe cases with accompanied by cheek atrophy the cheek augmentation has to be performed first, and then the IOH. Due to the particular anatomy as well as proximity of the angular artery and vein

a linear threading technique with blunt stiff cannula - at least 25 G - is recommended.

Furthermore this technique reduces the risk of hematoma that in this area might last even up to several weeks.

The injected volume depends on the severity of the atrophy but should not exceed 0.25 - 0.5 ml of HA with low viscoelastic and high cohesive

properties. Depending on the hydrophilicity of the product an undercorrection of 10 - 30% is recommended.

PEARLMAN Jennifer

Thursday, March 31, 2022 - from 11:00 to 13:00

NIJINSKI

Session:

Regenerative Aesthetics Part 1

BESPOKE BEAUTY- A COMPLETELY CUSTOMIZED APPROACH TO COSMETIC CARE INCLUDING GENE BASED SKIN CARE, AUTOLOGOUS STEM CELLS AND REAL TIME ULTRASOUND THERAPY

The future is getting personal. Custom curated cosmetic care. Bespoke beauty treatment plans driven by an intimate knowledge of our patients' goals, needs and biomarkers. Genetic determinants of skin health and aging, hormonal, metabolic, inflammatory profiles for a wholistic inside out approach to help each patient achieve their best. Accelerating advancements in treatment options from regenerative PRP, PRF to autologous stem cells for present and future use following cryopreservation. Bespoke beauty will shape not only how we assess our patients PRIOR to treatment but also DURING their treatments with the rapid uptake of experts with real-time ultrasound for safer and more precise treatment.

The future is here. Bespoke beauty is more than a promise -it is quickly becoming our gold standard.

PEARLMAN Jennifer

Friday, April 01, 2022 - from 14:00 to 16:00

PRINCE PIERRE

Session:

Facial Morphology - Perfecting the Art with Fillers

GENDER AND BEAUTY- ARE THE LINES BEING BLURRED? UNDERSTANDING AESTHETIC IDEALS, TRENDS AND BEST PRACTICE WHEN ENHANCING MALE AND FEMALE BEAUTY

How does Gender intersect with Beauty? Are the lines being blurred? With a honed appreciation for the aesthetic ideals traditionally attributed to each gender and understanding of current trends and best practice, we can optimally enhance male and female beauty. But to deliver results that exceed our patients' wildest expectations- it is critical that we carefully match aesthetic ideals to patients' directly and indirectly expressed goals and preferences.

PEARLMAN Jennifer

Friday, April 01, 2022 - from 14:15 to 16:15

SALLE DES PRINCES

Session:

The Chin is in! (Chin, Jawline Submental Area)

3D REJUVENATION OF THE LOWER FACE - A HIGH TECH COMBINATION APPROACH TO THE PERFECT JAWLINE

Recontouring Youth, Redefining Beauty: An approach to Jawline Contouring with Fillers

The shape and proportions of the lower face and jawline dramatically define beauty.

A non-surgical approach to enhance jawline contour can be used to enhance the shape and proportions of the lower face and to reverse age related changes that diminish the angle of the jaw and lead to jowling.

There are three critical sites to restore and optimize a youthful, structured jawline. These areas are; the mandibular angle, the

pre-jowl sulcus and the mentum. Each area requires a distinct technique, appropriate product selection and a always and individualized approach.

1. Mandibular Angle:

The mandibular angle is formed by the junction of the gonion of the posterior border of the ramus and the inferior border of the mandible. The ideal angle is variable but for an ideal female jawline should approach 125 degrees. A high G-prime structure filler is used to create the sharp structure of this angle and yield a dramatic volumetric lift to the jowl by injecting deep boluses in the pre-auricular region.

2. Pre-jowl Sulcus

The pre-jowl sulcus is defined by the mandibular ligament and appears as tissues sagging from behind the marionette furrow beneath the jawline. The furrow should be diminished from the lift affect achieved above so that less product is required. From a carefully selected point just above the mandible and anterior to the sulcus a cannula can be used with retrograde threading technique to revolumize using an HA dermal filler that integrates well. From one entry site, threads applied in three directions can resuspend the oral commissure and lower lip, smooth the deep mental crease and contour the mandible toward the chin.

3. Mentum

The Golden Ratio defines the optimal chin shape with respect to the facial width, the lower facial height and the lips. The chin should occupy one fifth the facial width with a smooth contour that is neither pointed nor protruding. The optimal profile can be defined by Ricketts' Ethetic Plane for a harmonious relationship with the nasal tip and lips. Aging causes resorption of the mentum and hyperactivity of the mentalis muscle leading to the appearance of a heavy horizontal crease and dimpling of the skin over the chin. Pre-treatment with neuromodulators can produce a smoother appearance and also prolong the result of filler. A deep periosteal injection of high G prime fillers using a needle to reshape the degree of lateral and inferior projection working toward the already reflat contours of the prejowl sulcus (as above).

PECORA Carla

Saturday, April 02, 2022 - from 09:00 to 10:30

NIJINSKI

Session:

Neuromodulators

CLINICAL EXPERIENCE WITH INTRADERMAL MICRODROPLET INJECTION OF DILUTED INCOBOTULINUM TOXIN A FOR FACIAL FLUSHING, AND PORE SIZE IMPROVEMENT

The off-label intradermal injection of botulinum toxin represents a new and exciting area of research, showing promising results for the treatment of facial skin laxity, excessive sebum production and enlarged facial pores. However, intradermal injection of neurotoxin can be more immunogenic than an intramuscular or subcutaneous injection, once dermis is the place with highest amount of dendritic cell to optimize antigen presentation.(1,2) Thus to reduce the potential for immunogenicity a pure botulinum toxin A should be used that contains only the active molecule of 150kDa, free from complexing proteins, inactive neurotoxin or other bacterial residuals, being known to have low antigenicity. (2,3)

Rosacea is a chronic skin disorder characterized by erythema, flushing, telangiectasia, papules and pustules, phymatous changes, and ocular involvement, and the treatment of erythematotelangiectatic rosacea with severe facial flushing and persistent erythema remains challenging(4,5). Some publications showed that botulinum toxin could decrease the intensity and duration of erythema and rosacea flushing.

Mechanisms by which botulinum toxin improves rosacea symptoms should be elucidated, however some evidences suggested that perhaps its effect could be related to the inhibition of the release of two neurogenic peptides linked to inflammation and vasodilatation in rosacea, vasoactive intestinal polypeptide and acetylcholine. (4)

Based on recent experience published by Dayan et al and Park et al on this subject (1,4,5), a pilot study was performed in São Paulo - Brazil to assess the effect of intradermal botulinum toxin injection for the controlling of facial flushing in rosacea, in Brazilian skin. A total of 10 female patients were enrolled, with a 3 month follow up. All received facial treatment with INCO for aesthetic purpose, including facial flushing control, and pore size improvement. Standardized pictures were taken before treatment, 30 and 90 days after, as well as quantification of the skin quality improvement and facial contouring using Vectra system H2.

In conclusion microdroplet injection with INCO in Brazilian females is shown to be effective in reducing facial flushing in rosacea and improvement of facial pores, with these results lasting up to 12 weeks after a single treatment. No unexpected adverse effect were observed.

PECORA Carla

Saturday, April 02, 2022 - from 11:15 to 13:15

SALLE DES PRINCES

Session:

Periorbital Zone and "Foxy Eyes" Trend - Lifting Rejuvenating

A COMBINATION APPROACH USING INCOBOTULINUMTOXINA AND CPM-HA INJECTIONS FOR THE PERIORBITAL COMPLEX IMPROVEMENT

ABSTRACT

Background:

Previous reports have objectively demonstrated the efficacy of botulinum toxin for brow elevation. No clinical trial has reported

a combination approach of botulinum toxin A (BoNT-A) injection with hyaluronic acid (HA) injection in the upper face for the periorbital region beautification and eyebrow reshaping.

Methods:

A prospective pilot study was designed to evaluate the effect on the brow shape and position of IncobotulinumtoxinA injection using the ONE21 technique - with a preestablished scheme of doses and injection site distribution - combined with HA injection (CMP technology) into the palpebral malar hollow alone, or including the injection of HA injection (CMP technology) subdermally in the temporal region as well. Objective eyebrow measurements were taken by an independent investigator using the Merz aesthetic scale (MAS) for brow positioning. Patient satisfaction was also evaluated.

Results:

Ten 29-49-year-old females were included in this pilot study. The totality of patients (6/100%) had \geq 1-point improvement in the MAS brow positioning. All 6 patients (100%) reported significant aesthetic improvement of their periorbital region and appearance.

Conclusion:

The combination technique has shown to improve the beauty of the orbital area by uplifting the lateral eyebrow and creating an almond-shaped eye effect, which characterizes the Foxy eye. Further studies including more cases are needed to obtain a statistically significant outcome.

PENG Minze Adam

Thursday, March 31, 2022 - from 14:00 to 15:00

AURIC 5

Session:

Inflammaging

APPLICATION OF TURMERIC COMBINATIONS IN ANTI-AGING AESTHETIC PRACTICE

Turmeric (with active ingredient curcumin), black pepper, cinnamon, gastrodia elata, hawthorn have been applied as traditional medicine or herbal cuisine in China for over one thousand years. Recently, many studies have revealed that they are effective for anti- inflammation, anti-oxidant, prevent cardiovascular & cerebrovascular diseases, depress skin inflammation even fight cancer.

To amplify its beneficial effects, here are 7 ways to use turmeric combinations in anti-aging practice.

PLATZER Thomas

Saturday, April 02, 2022 - from 11:00 to 12:00

AURIC 5

Session:

Fasting

THE F.X. MAYR HERITAGE - TRADITIONAL FASTING BROUGHT TO THE 21ST CENTURY

Over a hundred years ago Austrian physician Dr. Franz Xaver Mayr (1875 -1965) highlighted the connections between modern civilisation diseases like the metabolic syndrom, depressions, cardiovascular disorders, fatigue and the digestive tract. These findings can even be interesting in times of long-COVID.

For years, in the German-speaking countries, Mayr's cure has been simply know as the „milk and air-dried roll cure" from the turn of the last century and seemed to have faded out in our more and more technical modern medicine. He always emphasized to acknowledge the importance of the intestines as our „root system of the body" being crucial for our general health. Younger research on the human microbioma shifted F.X. Mayr's concepts of diagnostics and cure into several copycat diets.

Yet following Dr Mayr's original modern intensive fasting regime with proper rest and cleansing of our intestines alongside with training of adequate and proper mastication, abdominal massages following a regular schedule and being performed by highly trained medical doctors, state-of the-art supplementation after thorough examination and lab-chemistry even with intravenous infusions, hydrotherapy and colonics, exercises from endurance sports to yoga paired with mindfulness and digital detox seem to be part of a revolutionary and hailed therapy to boost well-being for strong health, reduced weight, improved skin and an eased soul.

Patients from all over the world flock into specialized health centers in central Europe like worshippers to get their professional hands-on to the reset button of their individual health. So what's it all about this F.X. Mayr concept over 50 years after his death that it gets endorsed by those suffering from burn-out and long-Covid, fatigue and obesity to all the rest of the metabolic syndrome? The lecture tries to give the answers to the effectiveness of the cure and to the curious.

PLOT Eric

Thursday, March 31, 2022 - from 09:00 to 11:00

AURIC 4

Session:

Minimally Invasive Surgery Agenda - Body Breast Surgery

BODY CONTOURING: HOW TO OBTAIN A SCARLESS SKIN RETRACTION?

The dream of every surgeon is to come up with a technique that would tighten the skin without creating a scar.

In recent years, many medical or surgical techniques (sometimes very expensive) have appeared to try to achieve this goal. I have experimented with some of the techniques and if I had to sum up these years of use, I would say that the results obtained on skin retraction were modest and above all not very reproducible.

Recently on the French market, a new technology appeared (developed in the United States): J Plasma Renuvion TM. Renuvion TM is a modern alternative to laser treatment and uses energy derived from ionized gas instead of energy that comes from light.

The J plasma uses radiofrequency technology (emission of electromagnetic waves) that generate heat associated with ionized helium gas (hence the term plasma, borrowed from physics).

Its unique energy achieves a higher degree of heat and almost instant cooling, each targeted area in the inner layer of the skin (dermis) goes from 37 ° C to 85

° C in less than 0.75 seconds and allows a contraction of collagen measured at 60%.

This is a gesture, performed under local or general anesthesia.

The results will be assessed definitively within a few months after the operation.

I have been using this technology for 6 months with very interesting results especially on the inner thighs and arms and on the abdomen.

Finally, I often associate it with a superficial liposuction to treat cellulite. The association superficial liposuction + Renuvion TM appears to me today as the treatment of choice. In the case of larger fat areas, I combine it with conventional liposuction to improve skin retraction in difficult areas where the effect of liposuction alone will not be sufficient.

In my experience which is still in its early stages, the firming of the skin is always visible, the retraction is stronger than what I could obtain with the other techniques. Renuvion TM is a real novelty in scar-free surgery to treat sagging skin.

POLIMENI Ascanio

Friday, April 01, 2022 - from 12:00 to 13:00

AURIC 5

Session:

Anti-Aging Intervention - Italian Experience

MITOCHONDRIAL BIOACTIVE PEPTIDES (MDP) AND MOTS-C IN CARDIOMETABOLIC HEALTH, INFLAMMAGING AND LONGEVITY

A decline in mitochondrial quality and activity has been associated with normal aging and correlated with the development of a wide range of age-related diseases. Mitochondrial-derived peptides (MDPs) are small bioactive peptides encoded by short open-reading frames (sORF) in mitochondrial DNA that do not necessarily have traditional hallmarks of protein-coding genes. To date, eight MDPs have been identified, all of which have been shown to have various cyto- or metaboloprotective properties. Endogenous MDPs are sensitive to changes in metabolism, showing that metabolic conditions like obesity, diabetes, and aging are associated with lower circulating MDPs, whereas in humans muscle MDP expression is upregulated in response to stress that perturbs the mitochondria like exercise and other kind of mitohormetic stress, some mtDNA mutation-associated diseases, and healthy aging, which potentially suggests a tissue-specific response aimed at restoring cellular or mitochondrial homeostasis. Here, we review the evidence that a decline in the levels of mitochondrial-derived peptides contributes to aging and age-related diseases. In particular, we discuss how mitochondrial-derived peptides and MOTS-c in particular, contributes to specific aspects of the aging process, including cellular senescence, inflammaging, diabetes, metabolic syndrome, obesity, sarcopenia, cardiovascular diseases, osteoporosis and cognitive decline. Genetic variations in the coding region of humanin and MOTS-c that are associated with age-related diseases are also reviewed, with particular emphasis placed on how mitochondrial variants might, in turn, regulate MDP expression and age-related phenotypes. Taken together, these observations suggest that mitochondrial-derived peptides influence or regulate a number of key aspects of aging and that strategies directed at increasing mitochondrial-derived peptide levels or administration of these peptides might have broad beneficial effects on aging process and aging related diseases.

REDAELLI Alessio

Saturday, April 02, 2022 - from 09:00 to 10:30

NIJINSKI

Session:

Neuromodulators

READY-TO-USE NEUROMODULATORS: MY IMPRESSIONS

Botulinum Toxin A is a very known active principle used in aesthetic medicine for many years. All BoNT-As on the market are lyophilised drugs. In the last months a new, ready to use, already diluted Bont-A has been released on the market and I had the opportunity to try it. I will present my first impressions. The active principle is AboBoNT-A and the dilution 0,625 ml.

RISTORI Esther

Saturday, April 02, 2022 - from 09:00 to 10:30

PRINCE PIERRE

Session:

From Around the World: Managing Aesthetic Complications

UNDERSTANDING THE INFLAMMATORY PROCESS: MANAGING LATE NODULES CAUSED BY HA INFILTRATION

UNDERSTANDING THE INFLAMMATORY PROCESS: MANAGING LATE NODULES CAUSED BY HYALURONIC ACID INFILTRATION

Complications - Avoidance and management

Background/Objectives: The use of hyaluronic acid increase annually an average of 15% per year, being the second most demanded non-surgical aesthetic treatment. Coupled with this growth, so has the number of adverse effects. Although it is a totally safe treatment, due to the use of hyaluronidase. We have studied a case of a late nodules, in which hyaluronic acid promoted an inflammatory response. We show that the management of these cases can be carried out using alternative treatments to hyaluronidase. Thus avoiding the elimination of the product, maintaining its aesthetic effect and solving the adverse effect. For this reason we need understand the process behind a late nodule promoted by hyaluronic infiltration

Methods: Analysis of late nodule triggered by hyaluronic acid infiltration using histochemical and immunofluorescent techniques.

Results: Histological analysis shows an inflammatory response to a foreign body with giant Langhans cells and without the presence of infection. Immunodetection shows activated T lymphocytes infiltrated into the tissue.

Conclusions: The current trend is to treat late nodules using hyaluronidase or a combination of antibiotics and corticosteroids. As we have shown in this case, many times the origin of the inflammatory reaction is not due to an in situ infection or biofilm. We propose a treatment only with corticosteroids and avoid the use of antibiotics. Only in the case of suspected infection in another part of the body or in the implant area, a combined corticosteroid / antibiotic treatment is recommended.

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ROBIN Jean Marc

Saturday, April 02, 2022 - from 14:00 to 16:00

AURIC 5

Session:

Insight Into Cell Aging Process

PSILOCYBIN FOR NEUROREGENERATION

Mushrooms of the genus psilocybe have been used for thousands of years for spiritual and medicinal purposes by indigenous populations in Africa, America, and Europe. Psilocybin (the main ingredient in these mushrooms) was first isolated in 1958 by Dr. Albert Hofmann, and from then on, researchers have sought to explore its many therapeutic benefits.

Recently, there has been a resurgence in the use of psilocybin to treat a plethora of ailments and to stimulate existing human functions, including brain function. To this effect, psilocybin works by potentiating 5-HT receptors and both dopamine and serotonin receptors, causing nerve stimulation and neurogenesis.

Psilocybin also works by inhibiting the default mode network, causing -ego dissolution.

-reset of the negative rumination loop.

-confrontation with repressed autobiographical memories.

-an increase in positive emotions such as joy, love.

-and a profound sense of encounter with an alternative reality, leading to a paradigm shift.

These effects combined with the transcendent experience caused by the substance lead to :

-One of the most poignant experiences in life in 80% of subjects, and a 90% improvement in satisfaction, mood, social relationships, and positive behavior change.

-An antidepressant effect "in one session" 4 times superior to standard treatments for depression, even in advanced cancer patients.

-Abstinence from smoking in 80% of heavy smokers.

In addition to, many other striking benefits, which are currently being explored by researchers at the most prestigious research centers, including the Johns Hopkins Institute, UCLA, The Imperial College of London, and many other institutions.

ROMEO GENTILINI Ariel Martin

Saturday, April 02, 2022 - from 11:00 to 13:00

PRINCE PIERRE

Session:
More About Threads

FAT TISSUE REDUCTION AFTER PDO THREADS INSERTION. TRUTH OR MYTH?

OBJECTIVE:

Nowadays patients prefer minimally-invasive procedures and are willing to accept a more modest degree of esthetic improvement in return for decreased morbidity and rapid healing.

The use of threads for facelift procedures is not a new idea. This procedure involves the passage of sutures under the skin of the face and neck to compensate for sagging and flaccid tissues, fat excess, avoiding large incisions and greatly reducing recovery time.

For this reason, our main goal is to achieve a protocol based on histological changes, in which we can reduce, compact and decrease mild to moderate fat excess using PDO monofilament threads placed subcutaneously.

INTRODUCTION:

Surgical rejuvenating interventions, are accompanied by possible complications such as infection, skin necrosis, hematomas, seromas and injury to the frontal and marginal branches of the facial nerve, in addition to the risks involved in general anesthesia, visible scars and long recovery periods.

The increased interest in minimally-invasive treatments, such as the thread lifting, with lower risk of complications, minimum downtime period and effectiveness in laxity, ptosis and aging characteristics has led many specialists to adopt this technique, but many doubts about its effectiveness in reducing fat tissue still remain.

PDO suture threads have been used originally for cardiac surgery, but since early 2000's this type of suture were introduced for facial rejuvenation in Korea.

The use of threads for facelift procedures is not a new idea. This procedure involves the passage of sutures under the skin of the face and neck to compensate for sagging and flaccid tissues, avoiding large incisions and greatly reducing recovery time.

MATERIAL AND METHODS:

Four patients, between 35 to 55 year-old, were treated, in order to improve mild to moderate laxity, sagginess and fat tissue excess in the lower third specially focusing on the double chin.

We used 60-80 absorbable PDO threads on each one, placed subcutaneously, creating a scaffold created by meshing threads.

RESULTS:

In these four patients, every treatment is followed by its consequent triggering of inflammatory response and production of fibrosis around each thread, and in addition we can achieve some fat loss too.

As we can show in images, it is important to emphasize that we can observe improvement in tension, fat loss and compaction of tissue.

CONCLUSION:

The demand in threads as a rejuvenation method is currently high. PDO sutures cause specific changes to the surrounding tissues that result in neo-collagenesis, a fibrous merging effect, fat reduction, tissue contracture, and an improved vascular environment.

This results can be explained by the positive changes described in histological models by Jung Hyun Yoon.

Although detailed studies in fat tissue treatment are required, we suggest that it should be at least considered before undergoing more aggressive procedures.

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Session:
Criteria of Sexual Attractiveness

GENDER DIFFERENCES IN FILLERS CORRECTION

The popularity of dermal fillers has been growing significantly in recent years. The beauty perception is still poorly understood, but people considered beautiful notably have better self-esteem and perform better in their interpersonal relationships. Demand for cosmetic treatments is on the rise. Traditionally, women have undergone the vast majority of cosmetic procedures, but men have steadily shown increasing interest. The interest in cosmetic procedures in men has gone up more than 600% since 2019, with significant demand for soft tissue fillers, toxin, microdermabrasion, and laser hair removal. Some of the reasons for this growth are an aging baby boomer generation, greater cultural acceptance of cosmetic procedures, minimal downtime, and a reshaped beauty ideal because of social media filters.

This lecture is based on gender-specific considerations and will cover the beauty standards of each gender, and the specifics of treatment. A perfect understanding of the differences between masculinizing and feminizing attributes on a face should be encouraged in order to achieve better aesthetic results and the prevention of treatment stigmas. It is important to note that, although men and women often want the same procedures, the treatment parameters and techniques are very different and men and women have different expectations.

Also, it is paramount to know that their unique facial anatomy and the way that they age are also important factors to consider before and when performing a cosmetic procedure. Recently, significant research has been dedicated to understanding the anatomic differences between male and female facial structures and their clinical aesthetic implications, especially for toxin and filler placement.

When it comes to the differences in the upper third of the face, the female skull is usually smaller, the male is generally more angular. Also, males have a greater forehead height, a more prominent supraorbital ridge, and consequently flatter and straighter eyebrows.

When the midface is concerned, an important difference is the shape of the ogee curve; females have an S-shaped curve from the cheekbone to the mid-cheek hollow, while the male ogee curve is flatter. The midface is important for women when it comes to cosmetic procedures because female attractiveness lies in the cheekbones. While injections for male cheeks are more inferiomedial, female cheeks are more superolateral.

Regarding the bottom third of the face, this is where the male attractiveness lies - in their chin and jaw. For men, a strong chin and chiseled jaw represent features that define male characteristics. One of the most attractive features of a woman's face is the lips, and aesthetic treatments of the lips with dermal fillers make up the majority of aesthetic procedures in women.

Having all this in mind, it is of the utmost importance for physicians to be knowledgeable regarding the unique approaches to fillers in men and women in order to deliver more effective, tailored, and high-quality care.

RUIZ DEL CUETO Sofia

Thursday, March 31, 2022 - from 11:00 to 13:00

NIJINSKI

Session:
Regenerative Aesthetics Part 1

THE SCIENTIFIC TRUTH BEHIND COLLAGEN STIMULATORS

Aging is associated with a progressive collagen loss, so most of the medical devices we use every day claim to induce, in some way or another, the production of new collagen. We have reviewed the latest articles on collagen production seeking the science behind each medical device claiming to induce collagen production: from lasers to polylactic acid and hyaluronic acid. The latest bioengineering studies reveal that all of our treatments produce collagen, but not all in the same proportion or through the same tissue reactions. Learning the science behind collagen induction can help us enhance our results and combine treatments in the most effective way.

RUIZ DEL CUETO Sofia

Friday, April 01, 2022 - from 14:00 to 16:00

PRINCE PIERRE

Session:
Facial Morphology - Perfecting the Art with Fillers

TREATING THE SKELETONIZED FACE: MUSTS AND MUST NOTS

Skeletonized face may seem easy to treat; just fill it up. Right?
Wrong. This approach will lead to disaster.

With an ever growing trend on drastic diets and physical overwork, skeletonized faces are becoming more and more frequent every day. Therefore it is important to know the musts and must nots when treating these patients. Experience has taught us that we must reduce the amount of filler per session, multiply the number of sessions, adjust the products we use to the lack

of subcutaneous tissue and adapt our technique in these patients.

RUIZ DEL CUETO Sofia

Saturday, April 02, 2022 - from 09:00 to 10:30

NIJINSKI

Session:

Neuromodulators

WHAT'S NEW ABOUT THE NEW NEUROTOXINS (AND WHAT'S NOT)

The market is flooded with a stream of new toxins promising all kinds of wonderful effects: some are as longer-lasting, some are faster and some are easier to use. But how much of this is true?

We have reviewed the chemistry behind these new toxins and have found some very promising advances in some cases and some not so exciting ones in others. Toxin E will help those patients who must be perfect in 24h, but only to have a Cinderella experience as the effect disappears in a few weeks. The liquid toxins will put a stop to dilution mistakes, but also to precision through dilution adjustments. Some interesting changes on the excipients will enable us to treat patients with egg allergy or modify the duration of the effect.

Learning about the real differences behind the new toxins shall help us to choose the best one for each of our patients and optimize our results.

SBANO Paolo

Saturday, April 02, 2022 - from 16:00 to 18:00

CAMILLE BLANC

Session:

Lasers and EBDs Part 2

THE LATEST GENERATION OF MIXING ABLATIVE AND NON-ABLATIVE LASER FOR THE TREATMENT OF SKIN AGING WITH ULTRA-FAST RECOVERY TIMES

The fractional skin resurfacing is the approach with the best result-safety balance for skin improvements.

This methodology can be ablative, which normally gives the best results at the expense of long recovery times, and non-ablative with higher penetration into the skin without vaporization.

These approaches have advantages and limits, but more than 10 years ago as already documented in the literature, with the introduction of the mixed technology which blend in a single pulse the ablative and non-ablative effects, combining the advantages of both approaches into one treatment.

Mixing two wavelengths reduces the longer healing times and risks of side-effects of ablative lasers, through the combination of two gold standard wavelengths (CO2 10600 nm and GaAs 1540 nm) in a simultaneous or in a sequential emission.

In this presentation, we want to show the clinical experience made with a combined laser system which applies an innovative protocol, developed in order to have successful effects on all the different degrees of photoaging while maintaining a minimal downtime approach.

The protocol involves combining wavelengths (CO2 10600 nm and GaAs 1540 nm) with the latest generation of mixing ablative and non-ablative fractional laser in a single emission to generate a synergistic effect capable of minimizing recovery times for patients.

The advantages obtained in full-face fractional resurfacing, skin rejuvenation procedures, deep wrinkles treatments, scars, and acne scars are ultra-fast recovery time, and improved outcomes for more patients thanks to its non-invasive nature.

The treatment opportunities and clinical results of this device will be shown in this presentation.

SCAPAGNINI Giovanni

Friday, April 01, 2022 - from 12:00 to 13:00

AURIC 5

Session:

Anti-Aging Intervention - Italian Experience

NEW TRENDS ON NUTRITIONAL MITOCHONDRIAL RESEARCH

The tight coordination between mitochondrial biogenesis and mitophagy can be dysregulated during aging, critically influencing whole-body metabolism, health, and lifespan. To date, caloric restriction (CR) appears to be the most effective intervention strategy to improve mitochondrial turnover in aging organisms. The development of pharmacological mimetics of CR has gained attention as an attractive and potentially feasible approach to mimic the CR phenotype. Importantly, many of the CR mimetics candidates activate autophagy, prolong life- and healthspan in model organisms and ameliorate diverse disease symptoms without the need to cut calories. Among others, glycolytic inhibitors (e.g., D-allulose, D-glucosamine), hydroxycitric acid, NAD⁺ precursors, polyamines (e.g., spermidine), polyphenols (e.g., resveratrol, dimethoxychalcones, curcumin, EGCG, quercetin) and salicylic acid qualify as CR mimetics candidates, which are naturally available via foods and beverages.

SCHLESINGER Todd

Thursday, March 31, 2022 - from 16:30 to 18:30

CAMILLE BLANC

Session:

Skincare, Peels and Skin Quality Enhancement

SKINCARE PRODUCTS I USE IN MY PRACTICE - HOW TO COMBINE THE BEST OF THE BEST

This presentation will take participants through the products I use on a daily basis in my practice. What I use, why I use certain products and how I use them will be the focus. It is very real-world and what sells and what may not. I carry over 100 carefully curated SKU's and there are thousands of products out there to choose from. Take away what you can, use what you want and explore your options as you choose your retail offerings. It is your time spent on it and your patients who will benefit.

SCHLESINGER Todd

Saturday, April 02, 2022 - from 16:00 to 18:00

CAMILLE BLANC

Session:

Lasers and EBDs Part 2

USING PULSED ENERGY TO TREAT BENIGN AND MALIGNANT LESIONS

Come learn about this fascinating new technology! Pulsed energy delivered via microneedles is transforming clinical practice, allowing the treatment of resistant lesions such as dermatofibroma, sebaceous hyperplasia, hemangioma and benign nevi that would require surgical excision, may not respond to laser, and result in scar formation. Pulsed energy delivery is a flexible option, for which development is underway to treat skin cancer, warts, and more. There are a lot of choices in terms of devices, learn all you can about them before choosing what to invest in.

SHAABAN Khaled

Saturday, April 02, 2022 - from 09:00 to 10:30

AURIC 4

Session:

Injectables in Genital Restoration

BOTULINUM TOXIN AND ERECTILE DYSFUNCTION: A NEW CONCEPT

Botox and erectile dysfunction: new concept

Objectives: The prevalence of ED, underlying causes and comorbidities, why diagnosis of ED is important, ED could be the first sign of cardiovascular diseases, major risk factors, diagnostic tools and evaluation, recent management guidelines for ED, future and experimental treatments and rule of botox in ED

Introduction: Erectile dysfunction a major Male sexual Disorder, prevalence in some studies 52% of male above 40 years old, causes underlying could be psychogenic or organic mainly mixed, may be signal of underlying diseases, or cardiovascular disease, EHS used for diagnosis, recent and future management guidelines are available with significant result including intra corporal injection of botox

Materials / method: review of update researches in causes, recent management, future management, theories for erectile dysfunction management including Botox, P shot, Stem cells.

48 candidas to evaluate the effective rule of Botox injection intra corporal injection, group A 24 control received IC 1 ml saline, group B 24 received IC single injection BTX-A 50 units

Results: significant results in the Sexual Encounter Profile, Global Assessment Questions (GAQ), and the erection hardness score (EHS) of the group B received IC BTX-A-50 units compared by the controlled group A received IC 1ml saline

Conclusion: The results suggest the possibility of intra-cavernosal BTX-A in treatment of patients with severe erectile dysfunction, and may lead to a reduction in the number of patients requiring penile implant surgery, results more significant if combined with immediate pumping,

SHELKOVITZ Tzachi

Thursday, March 31, 2022 - from 11:00 to 13:00

NIJINSKI

Session:

Regenerative Aesthetics Part 1

PLATELET-RICH PLASMA FOR FEMALE AND MALE ANDROGENIC ALOPECIA &NDASH; LITERATURE UPDATE

Platelet Rich Plasma (P.R.P) was described for the first time in 1954.

It has been in extensive use in many fields of medicine for the last 30 years. The two main fields of use are Orthopedics & Sports medicine and the 2nd one Maxilofacial surgery.

In Aesthetic medicine PRP is being used for more then a decade and it's main areas of treatment are female & male androgenetic alopecia and aesthetic skin treatments.

The amount of literature in this field is growing almost exponentially and there is no way to cover it in one lecture. Therefore this review will concentrate only on PRP for male & female androgenetic alopecia and in the short time given I will try to cover as

much as possible of the important part of it from the last years

SHELKOVITZ Tzachi

Thursday, March 31, 2022 - from 16:30 to 18:30

CAMILLE BLANC

Session:

Skincare, Peels and Skin Quality Enhancement

ISOTRETINOIN AESTHETIC PROCEDURES - MYTHS VS. FACTS

The interrelationships between Isotretinoin & Aesthetic procedures has travelled a long way from the concept that was prevalent more then a decade ago that the two should be distant from one another timewise as much as possible to the current knowledge - that is scientifically based - that in some cases full dose Isotretinoin can be continued by the patient during aesthetic procedures.

Since quite a few physicians still believe that the first concept still holds today, I decided to give this lecture in order to align the concept with the current knowledge.

SHETTY Rashmi

Thursday, March 31, 2022 - from 16:30 to 18:30

CAMILLE BLANC

Session:

Skincare, Peels and Skin Quality Enhancement

COMBINING PIGMENT LASERS AND PEELS

Pigmentation - most challenging in terms of diagnosis and treatment. This talk is about how I go about it with various tools such as peel, lasers and skin hydrating injections.

SHETTY Rashmi

Friday, April 01, 2022 - from 14:00 to 16:00

PRINCE PIERRE

Session:

Facial Morphology - Perfecting the Art with Fillers

WHERE ARE WE STILL GOING WRONG? (WITH ALL THAT EXPERTISE IN ANATOMY AND INJECTION TECHNIQUES)

We have mastered our Anatomy and along the way have trained ourselves in Aesthetic standards, painting by the numbers etc. But we are still challenged with less-than-desirable outcomes. In this session, I will go over my observations and insights.

SOFRA Xanya

Thursday, March 31, 2022 - from 16:30 to 17:30

AURIC 5

Session:

Skin Voice

NOVEL MODALITIES FOR SKIN REPAIR AND HAIR GROWTH

1. Efficacy and long-term results of established and novel treatment modalities on skin repair and hair growth.

2. Deleterious effects of inflammation in aging and disease

3. Efficacy and long-term results of anti-inflammatory technology on skin repair and hair growth.

We present a thorough literature review on the reported and actual statistical significance of laser and radiofrequency studies that is often contradictory, on both skin repair and hair growth. Some RF and laser studies postulate short-term improvement

on skin repair, and substantial results on hair health, but without following up to control for adverse side effects, effects reversal or reoccurrence or certain skin disorders such as pigmentation which generally reoccur following laser or RF treatments. A main issue pertaining to such technologies are the results of inflammation. Laser and RF companies claim reduction of inflammation. Yet, a large body of research demonstrates significant inflammation increase after trauma-based procedures. A diligent evaluation of other methods and techniques is also conducted on the basis of research and clinical studies presented, with inflammation being the centerpiece. In our randomized, double-blind longitudinal research, we followed 16 clinical cases treated with a novel anti-inflammatory technology for one year. All subjects evidenced irreversible skin repair and hair growth. Results on hair were slower to appear and ranged from one to three months before observing the full effect. The number of treatments required for substantial repair depended on the chronicity and severity of skin condition, and the extent of hair loss, rather than age. More chronic, difficult cases required more treatments irrespective of whether the subject was younger or older. These results on age-independent skin repair and hair growth advocated for the importance of anti-inflammatory techniques to counterbalance immune insufficiency, age-accumulated oxidative stress, and disrupted cellular communications.

In assessing a procedure or a technology:

1. Focus should be shifted from the immediacy of results to the long-term effects of the results with respect to evaluations of different treatment modalities on skin repair and hair growth.
2. Reducing inflammation is crucial

SOFRA Xanya

Friday, April 01, 2022 - from 16:30 to 17:30

AURIC 5

Session:

Hormones and Aging

NEGATIVE CONSEQUENCES OF HORMONAL IMBALANCE AND HOW TO FIX IT

Objectives:

1. Negative consequences of hormonal imbalance
2. Efficacy of different available technologies on hormonal balance
3. Implications of hormonal imbalance as related to compromised immunity at a time of The COVID-19 pandemic

Optimal health appears to be the best defence against all disease including viral infections. Hormonal imbalance instigates systemic disintegration, accumulated inflammation, dyslipidaemia, metabolic dysfunction, and increased internal stress. The objective of this clinical trial was to delineate some of the negative consequences of hormonal imbalance.

and investigate the effects of different treatment methods that include radiofrequency, lasers, hormonal therapy and innovative technologies. The results of several laser and radiofrequency studies were analysed as well as the advantages and disadvantages of hormonal replacement therapy. We examined the blood samples of 40 adults. The primary goal of this randomized double blind clinical trial was to bring attention to the systemic balance perspective of health maintenance. Deterioration into illness is gradual. It evolves out of minor dysregulations, inconspicuously disintegrating the structure of wellness. Hormonal levels within the normal range are widely accepted as optimum, without examining a variable's actual ranking position that may defend or undermine health. Cortisol rising towards the peak of the normal range can easily spiral out of control, and Free T3 close to the bottom may signify the insidious onset of hypothyroidism. A preventive perspective focuses on the rate of differentiation, observing the degrees of minor imbalances within normalcy, before they are exacerbated into a medical disorder. This is necessary to safeguard a biological network in flux. Variations within the normal range can be utilized to estimate both health improvement and the probability of illness vulnerability. Results revealed a statistically significant reduction of the very-low density lipoprotein (VLDL), and triglycerides. Testosterone, leptin, IGF-1 and Free T3 increased within the normal range, juxtaposed by cortisol and ghrelin that declined, but without dipping into abnormality. These findings have important implications during the COVID-19 pandemic, where optimal immunity is deemed necessary in limiting susceptibility to the virus.

Conclusions:

1. Hormonal balance is health. Health must be there before anti-aging can occur
2. Statistical significance is often used loosely in several published research studies using a variety of methods that include lasers, RF and hormonal replacement therapy. Scrutiny of the results reveals discrepancies between reported and actual statistical significance which is substantially lower
3. Immunity is interrelated with hormonal balance. Hormonal equilibrium is the foundation for sound health and it is especially pertinent during the COVID-19 pandemic.

SPADA Julieta

Friday, April 01, 2022 - from 16:45 to 18:45

SALLE DES PRINCES

Session:

Mid-Face / Malar Area / Tear Trough

MIDDLE THIRD OF THE FACE WITH FILLERS, NEEDLE VS CANNULA

Hyaluronic acid is the filler of choice to treat the tear trough area non-surgically. Both needles and cannulas have been used for the procedure with different approaches. It has been stated that the cannula is more precise and less traumatic than the

needle to perform the procedure. Clinically, we have observed variations in results after long term periods as some of the patients developed persistent edema probably due to tissue debridement.

The aim of this presentation is to describe an observational study in which we compared both techniques IN VIVO, clinically, with US and MRI. These comparisons were made before the procedure, immediately after the procedure, and during the follow up period in order: to understand in which layer the product was deposited; to identify if one method resulted in more spreading than another and if they differed on the depth of the product deposited, to evince differences in terms of results and in aesthetic features, to evaluate patient satisfaction, to show a safer technique to fill the area and to explain the importance of using a high cohesivity product.

SPADA Julieta

Saturday, April 02, 2022 - from 11:15 to 13:15

SALLE DES PRINCES

Session:

Periorbital Zone and "Foxy Eyes" Trend - Lifting Rejuvenating

SUNKEN UPPER EYELIDS

Supraorbital hollowness is a feature that gives an anesthetic, aged and cadaveric aspect to the eyelids. It is commonly known as "A" frame deformity, but this term comprises only one variable of the condition. This complex anatomic area is affected by genetics, senile changes, excessive orbital fat removal during blepharoplasties, trauma and deformities. Treating this area with fillers constitutes a real challenge in terms of avoiding risks and the ability to predict natural results.

The aim of this lecture is to understand the physiopathology of the condition, to show a safer technique to fill the area, to explain the importance of using a high cohesivity product, to describe a classification of sunken upper eyelids and to identify early signs of risk to avoid complications. Correction of the sunken upper eyelids is a dangerous procedure which requires an experienced injector who must understand the physiopathology of the condition, the anatomy, the correct technique and how to avoid risk.

STANKOVIC Nenad

Friday, April 01, 2022 - from 09:00 to 10:30

PRINCE PIERRE

Session:

Efficacy of Combined Treatments in Aesthetics

BOTULINUM TOXIN TYPE A - AN INDISPENSABLE ALLY FOR LONG LASTING RESULTS AFTER CHEMICAL BLEPHAROPLASTY

Botulinum Toxin Type A - an indispensable ally for long lasting results after Chemical Blepharoplasty

Introduction: Chemical blepharoplasty (with phenol-croton oil-TCA chemical peel) can restore a youthful appearance to the periorbital region. Fine lines, wrinkles, furrows and folds do not respond to phenol peel in the same way. Wrinkles and fine lines caused by sun damage are far more responsive than expression lines or, above all, skin folds due to excess skin. Deep cheek wrinkles caused purely by sun damage are one of the best indications for a phenol peel. Expression wrinkles in addition are also an excellent indication, on condition that movement is blocked by botulinum toxin approximately 8 days before the peel. Injecting botulinum toxin during the post-peel period of erythema and edema increases the risk of the toxin moving as well as the risk of temporary cosmetic complications caused by the toxin. The duration of the toxin's effect does not seem to change much, however.

Without this highly effective synergetic combination, kinetic wrinkles will of course disappear during the first few weeks after the phenol peel, but will come back afterwards, much to the annoyance of patients.

Methods: The author shares his experience using different techniques and methods for nonsurgical periorbital rejuvenation and how it fits into the daily aesthetic practice.

Clinical results will be shown during presentation.

Conclusion: Use of phenol-croton oil-TCA chemical peel combined with botulinum toxin in the periorbital region can be successfully performed with minimal to no complications. When these techniques are combined there is significant improvement in upper and lower lid laxity, hyperpigmentation, and reduction of fine rhytids. It is a cost effective treatment with long-lasting results.

STANKOVIC Nenad

Saturday, April 02, 2022 - from 09:00 to 10:30

PRINCE PIERRE

Session:

From Around the World: Managing Aesthetic Complications

HOW TO REVERSE THE EFFECTS OF HA FILLER INJECTIONS?

Hyaluronidase: Properties and Clinical Application for Side Effects after Injectable Treatments

Introduction

Soft tissue augmentation plays an increasingly important role in the management of the aging face. Despite the growing number of patients using cosmetic fillers for facial restoration, the incidence of adverse events remains low. Frequent dermal filler use in aesthetic medicine is expected to result in rise in side effects such as too-superficial placement of product which can yield an undesirable bluish discoloration due to the Tyndall effect, the use of excessive product, persistent granulomatous foreign-body reactions, persistent edema and, most significantly, the risk of injection necrosis. A comprehensive knowledge of facial anatomy, including structural positioning of facial arteries and veins, and an extensive knowledge of HA products available for injection procedures, combined with best practice protocols, will assist to prevent adverse events.

Hyaluronic acid or hyaluronan (HA) is a non-sulfated glycosaminoglycan and is the predominant part of the skin's extracellular matrix. In humans approximately 50% of the total body HA is found in the skin. Specific enzymes control the HA metabolism.

Hyaluronidases, a family of enzymes that can degrade hyaluronic acid (HA), are employed in medicine to increase drug diffusion and reverse the effects of HA filler injections. Hyaluronidases can dissolve subcutaneous nodules or to correct excessive quantities of injected filler. Knowledge of the use, methods of application, and adverse effects of hyaluronidases is essential for the aesthetic practitioner.

The recent global consensus on the management of cosmetic aesthetic injectable complications from hyaluronic acid (HA) has increased the focus on the use of hyaluronidase more than ever before. Indeed, the avoidance of complications through safe and effective injection practice remains the key to preventing the need to use hyaluronidase.

Hyaluronidase is a soluble enzyme that degrades HA by hydrolyzing β 1,4-N-acetylglucosaminidic bonds. In humans, six hyaluronidases have been identified (HYAL-1, -2, -3, -4, HYALP1 and PH-20) Commercial formulations of hyaluronidase are of bovine (bovine testicular hyaluronidase) or ovine origin.

The use of hyaluronidase in the office has evolved as a necessity for physicians performing soft tissue augmentations with HA-based dermal fillers. Whilst volume fillers are generally safe products, rare but severe treatment-associated complications may occur. These range from the Tyndall effect, over-corrections, misplaced product, or granulomas, to necrosis or even blindness due to an accidental intra-arterial injection. On the other hand, these complications may occur with the application of any kind of filler, including HA, calcium hydroxyapatite or poly-L-lactic acid. However, to the best of our knowledge, the availability of a specific antidote (hyaluronidase) for the management of adverse effects is limited to HA-based fillers and may be the best reason to choose these products for tissue augmentation.

Infiltration of hyaluronidase is a rapid, safe and currently the only effective option for the management of side effects following HA-filler injections.

Tips:

- The injected volume of hyaluronidase should match the estimated volume of the edema.
- Consider multiple treatment sessions with smaller volumes to avoid affecting the injected HA filler.
- An overdose may not only affect the injected HA filler but also the body's own HA.
- Early interventions (up to a few weeks after development of edema) result in favorable responses (only one treatment session may be needed in most cases).
- Long-lasting edema (>six months) will likely require multiple (up to three) treatment sessions.

STANKOVIC Nenad

Saturday, April 02, 2022 - from 14:15 to 16:15

SALLE DES PRINCES

Session:

Lips: Diverse Perspectives on Lip Augmentation

UNDESIRABLE EFFECTS AFTER LIP AUGMENTATION WITH "RUSSIAN LIPS" TECHNIQUE

Introduction: Lip augmentation with HA fillers is one of the most frequent treatments in the aesthetic medicine because full lips are considered sign of beauty and youth. The goal of a lip augmentation procedure is to create smooth lips with adequate volume and a natural appearance. Various techniques for lip augmentation have been utilized and described. Nowadays, the biggest hype is after "Russian Lips" technique.

Objective: To evaluate the type and management of undesirable effects of lip augmentation with this technique.

Results: Treatment consisted of hyaluronidase injection, massage, and antibiotics.

Conclusion: Generally, undesirable effects of HA (immediate, early, or late onset) are not frequent, and when present, they improve if treated properly. Physicians need to be aware of these possible adverse events in order to establish proper treatment and prevent scarring or other sequelae. The basis of all successful injections is a mandatory understanding of normal anatomy as well as variations of vital structures in an area, combined with meticulous injection techniques, deposition of small aliquots of product and the ability to recognize unwanted adverse events early enough to act on them.

STARACE Michela

Friday, April 01, 2022 - from 11:00 to 13:00

AURIC 4

Session:

Hair Restoration Agenda - Non-Surgical Solutions For Hair Loss

IS MICRONEEDLING THE EFFECTIVE ELEMENT OF ANY INJECTABLE TREATMENT FOR MPHL AND FPHL?

Background: Androgenetic alopecia (AGA) is the result of progressive patterned hair density reduction and sometimes can be associated with telogen effluvium (TE). The efficacy of conventional therapy is variable, and therefore, there is a need for advanced and newer modalities of treatment in order to give faster and better outcomes. Microneedling has been reported to be a promising, effective, and safe new technique in the treatment of AGA.

Objective: The aim of this study was to prove that microneedling procedure should be offered to patients with AGA and TE along with the existing therapeutic modalities, in order to obtain faster hair regrowth and, therefore, a better patient compliance. Patients and methods: We collected data of 36 females, 29 with AGA, and 7 with TE, and 14 males with AGA between January 2017 and December 2018 and then treated with 3 sessions of microneedling over a total period of 6 months.

Results: No serious adverse side effects were reported. All the patients reported a partial or complete reduction in hair loss, associated to the perception of improvement of hair density and thickening of the hair shaft diameter, results confirmed by clinical iconography and trichoscopy.

Conclusions: Scalp areas typically affected by AGA, that is, the vertex in males and the frontal area in females, are the ones that showed the greater percentage of improvement. Moreover, microneedling can have a role also in TE, especially when cosmetic procedures do not give enough results, because it induces a rapid arresting of the hair loss.

STERODIMAS Aris

Thursday, March 31, 2022 - from 11:00 to 13:00

NIJINSKI

Session:

Regenerative Aesthetics Part 1

SIMULTANEOUS SKIN TIGHTENING AND FAT GRAFTING FOR GENITAL BEAUTIFICATION

The demand for surgery to treat the external female genital area has increased significantly in recent years. The labia majora augmentation by autologous fat transplantation, the mons pubis reduction by liposuction, the tightening of the external genitalia by Renuvion will be presented. The described technique of genital beautification combines different aesthetic female genital surgery techniques. The regenerative effects of fat and its contents on external genitalia aesthetics will be shown. The use of helium plasma combined with radiofrequency as Renuvion technology produces significant tightening of the skin. The author will present a series of 75 patients that have been treated in the last 3 years. The simultaneous skin tightening and fat grafting for genital beautification appears to be a safe, efficient technique with a high satisfaction rate and no reported major complications.

STERODIMAS Aris

Thursday, March 31, 2022 - from 11:00 to 13:00

NIJINSKI

Session:

Regenerative Aesthetics Part 1

PEARLS AND PITFALLS IN FACIAL REJUVENATION USING SEL

The use of regenerative adipose cells in facial surgery is evolving rapidly. Reversing structural changes in aging skin of the face gained potential after the Stromal Enriched Lipograft technique was described. The use of adipose tissue combined with the SEL mechanical protocol to process fat brings regenerative and antiaging medicine into real-life clinical practice. The author describes his current protocols for fat preparation and the pearls and pitfalls for facial rejuvenation. The regenerative effects of fat and its contents on facial aesthetics will be shown. These improvements are clinically apparent when cell enriched fat grafts are compared to fat grafts alone. Newer concepts of nanofat grafting and composite fat grafts used as biofillers will be discussed also. Superficial and deep fat grafting, nanofat, and SVF are becoming important components of the modern facial rejuvenation protocols. The author has an experience of 17 years and a series of 630 cases of facial rejuvenation assisted by Stromal Enriched Lipograft technique. The standardization of fat grafting to the face marks an exciting shift in facial aesthetics with the ability to correct many aspects of the aging face delivering safe, natural, and long-lasting results.

STERODIMAS Aris

Saturday, April 02, 2022 - from 11:00 to 13:00

NIJINSKI

Session:

What's New in the World of Body Contouring

IATROGENIC BODY DEFORMITIES: HOW TO FIX THEM

With the overall acceptance of aesthetic surgery increasing and the number of patients undergoing liposuction & abdominoplasty procedures increasing, plastic surgeons see more patients requesting secondary contour surgery. The surgical correction of post liposuction contour irregularities and abdominoplasty iatrogenic complications and the results will be presented. Post liposuction contour irregularities are classified as major or minor according to the size of the area, severity of the irregularity, difficulty of the correction, visual impact, and the need for dermolipectomy. Post abdominoplasty complications vary in severity and in the impact, they have on the aesthetic outcomes. Prevention and treatment algorithms will be discussed for complications including seroma, hematoma, infection, skin & flap necrosis, umbilical anomalies. A series of patients that have been treated by the author for iatrogenic body contouring deformities and the management strategies will be presented. For patients who present with contour deformities but no skin flaccidity, the type 1 treatment plan (syringe-assisted lipectomy and lipografting) is the suggested approach. In cases of contour deformities and infraumbilical skin flaccidity, the type 2 treatment plan (mini-lipoabdominoplasty and lipografting procedures) is used. Finally, in the case of contour deformities as well as supra- and infraumbilical flaccidity, the type 3 treatment plan (lipoabdominoplasty and lipografting procedures) is indicated. Most of the iatrogenic body deformities can be treated appropriately following the above-mentioned protocols, with satisfactory results.

SUROWIECKA Agnieszka

Friday, April 01, 2022 - from 09:00 to 10:30

NIJINSKI

Session:

Regenerative Aesthetics Part 2

STROMAL VASCULAR FRACTION AND EMULSIFIED FAT AS REGENERATIVE TOOLS IN REJUVENATION OF THE LOWER EYELID AREA

Background: In the lower eyelid area, dermal melanocytosis, fine lines, skin atrophy, dryness, and loss of subcutaneous fat tissue represent the initial signs of aging. Beside the addition of volume, adipose tissue injections can also improve pigmentation and skin texture. Clinical studies of simultaneous stromal vascular fraction (SVF) and emulsified fat transfers have not been reported so far.

Objective: Our aim was to investigate the clinical results of transferring SVF and emulsified fat into the lower eyelid area.

Materials & Methods: 16 patients underwent tumescent liposuction and injection of SVF and emulsified fat into the lower eyelid area. For preparation of SVF and emulsified fat, ACP double syringes with 2.4 mm, 1.4 mm, and 1.2 mm connectors, and a swing-out rotor centrifuge, were used. At follow-up, improvements on before and after pictures were rated by the treating physician and two independent physicians, using the Global Aesthetic Improvement Scale (GAIS).

Results: Clinical outcomes were rated as exceptional, very improved or improved in all patients, with an average GAIS score of 1.6. No serious adverse events occurred.

Conclusion: Our initial results suggest that SVF and emulsified fat are safe and effective tools for skin rejuvenation and correction of volume deficiencies in the lower eyelid area. More studies need to be conducted to corroborate these encouraging findings.

SURYADI Jessy

Saturday, April 02, 2022 - from 11:15 to 13:15

SALLE DES PRINCES

Session:

Periorbital Zone and "Foxy Eyes" Trend - Lifting Rejuvenating

LONG-LASTING "FOXY EYES" WITH POLYCAPROLACTONE POLYLACTIC ACID THREAD

One of the latest trends of aesthetics that are growing in popularity is Foxy Eyes. Many people get these foxy eyes lookalike by makeup, to give an illusion of lifted corner of the lateral part of the eyes & eyebrow. Some people get these Foxy eyes by undergoing plastic surgery procedures. But most of the aesthetic enthusiasts get their beautiful Foxy eyes by Non-Invasive Aesthetic procedures such as Toxin, Filler, and Thread lifts.

They are a harmless procedure that requires minimal recovery time.

If the patients prefer a non-surgical method, thread lifting is one of the ways to lift the lateral part of the eyes & eyebrows. The procedure involves inserting threads into the soft tissues which are then pulled tight, lifting the skin. The big difference between this Polycaprolactone & Polylactic acid Thread from the other Thread is the lifting effect is super maximal. Because lifting effect not only depends on its cogs but also depends on the body of the thread itself. With this Polycaprolactone Polylactic acid thread, the lifting effect will be maximal and can last for 1,5 years.

As we know that Polycaprolactone Polylactic acid Thread is absorbable threads that dissolve naturally within 16-18 months, the skin starts to produce more collagen and elastin which gives a longer-lasting result. The ideal patient for a Foxy Eyes lifting are aged 35 to 55 and have relatively good skin tone with a little sagging, not so much upper lid fat, and the distance between the eye & the eyebrow are not too high. A combination with Botox is needed when the Frontalis & Glabellar muscle is quite strong. And the combination with Hyaluronic acid (HA) in the deep temporalis area is also needed to give excellent support at the lateral part.

THULESEN Jesper

Thursday, March 31, 2022 - from 09:30 to 10:45

PRINCE PIERRE

Session:

The Good, The Bad, The Ugly - Everything You Need to Know about Fillers

THE BATTLE AGAINST THE DESCENT WITH HA FILLERS - TARGETED TREATMENT STRATEGIES

The facial changes that develop through aging relate to multiple processes that seem overwhelming and complicated. Interestingly, they generally follow predictable patterns that can be divided into structural, volumetric, and suspensory alterations. A sound knowledge for the aesthetic injector about these processes can be used strategically to optimize the rejuvenation of the patient. This presentation will provide an overview of the age-related facial changes. These can be used to target and construct treatment plans with HA-fillers to obtain the most efficient outcome, with specific focus on reversal of volume deflation and weakening of the facial suspensory apparatus.

THULESEN Jesper

Saturday, April 02, 2022 - from 09:00 to 10:30

PRINCE PIERRE

Session:

From Around the World: Managing Aesthetic Complications

OVERVIEW OF COMPLICATIONS WITH HYALURONIC ACID (HA)-FILLERS

Complications following injections of HA-filler divert from mild to very severe, e.g. blindness as the most feared complication. For the professional and experienced injector prompt and relevant intervention is expected in these situations although specific treatment algorithms for most of the HA-filler-related complications are lacking. A schematic overview of the complications with clear statements for treatment solutions will be presented based on the up-to-date findings and most recent published recommendations in the literature.

THULESEN Jesper

Saturday, April 02, 2022 - from 11:15 to 13:15

SALLE DES PRINCES

Session:

Periorbital Zone and "Foxy Eyes" Trend - Lifting Rejuvenating

THE PERIOOCULAR REGION OF THE FACE - OUR AESTHETIC CENTER AND "WINDOW" TO THE WORLD

The periorbital region is the part of the face that plays the most significant role in our social interactions as our 'window' to the world, since it is always exposed to others, and the one we tend to focus on when we interact. However, it is also the first to demonstrate signs of facial aging, and changes in this region bring many patients to the aesthetic clinics. This presentation will focus on the periorbital anatomy, including danger zones, topographic structures and nomenclature, and the predictable age-related changes that can be used to target the aesthetic intervention to obtain the most optimal results.

TOMELLA Claudio

Friday, April 01, 2022 - from 12:00 to 13:00

AURIC 5

Session:

Anti-Aging Intervention - Italian Experience

POSITIVE AGING: IS METABOLIC FLEXIBILITY THE KEY?

For more than 2 million years, our metabolic adaptation to seasonal food availability was considered to be a survival advantage. In the course of evolution, our organism has had to choose its fuel and adapt itself and to do this it became flexible. The concept of metabolic flexibility was particularly linked to the capacity of mitochondria to select fuel in response to nutritional changes. Normal energy metabolism is characterized by periodic shifts in glucose and fat oxidation, as the mitochondrial machinery responsible for carbon combustion switches freely between alternative fuels according to physiological and nutritional circumstances. These transitions in fuel choice are orchestrated by an intricate network of metabolic and cell signaling events that enable exquisite crosstalk and cooperation between competing substrates to maintain energy and glucose homeostasis. As such, mitochondria are the final acceptors for metabolic substrates and are the main players for understanding the pull concept of metabolic flexibility. Metabolic flexibility is the ability of cells to switch from a state of predominant lipid oxidation and high rates of fatty acid uptake, during fasting conditions, to the suppression of lipid oxidation and increased glucose uptake, oxidation, and storage, under insulin-stimulated conditions or after a meal. Unfortunately humans switched their primal lifestyle towards a plethora of energy-dense foods, persistent psycho-emotional stressors and a dramatic lack of exercise in record time. Metabolic congestion, nutrient overload and heightened substrate

competition results in mitochondrial indecision impaired fuel switching, and energy dysregulation. All this favor a decline in metabolic flexibility and this can lead to cardiovascular disease, diabetes, diabetes, cancer and promote unsuccessful aging. In fact, metabolic flexibility is negatively correlated with aging. Several age-related changes, such as hyperinsulinemia, ectopic lipid accumulation, mitochondrial dysfunction, cellular senescence, sedentary lifestyle and muscle mass deterioration, affect metabolic flexibility simultaneously. Strategies for decongesting mitochondria and improving metabolic flexibility predominantly include lifestyle interventions, such as personalized nutrition and physical training, stress management and precision supplementation.

VANDEPUTTE Joan

Thursday, March 31, 2022 - from 09:30 to 10:45

PRINCE PIERRE

Session:

The Good, The Bad, The Ugly - Everything You Need to Know about Fillers

WHAT IS REALLY GOING ON WITH HYALURONIC ACID GELS IN THE SUBCUTIS?

Background/ Objectives

Despite the popularity of hyaluronic acid (HA) filler treatments, few publications focus on the effects on adipose tissue of these "dermal fillers". An ultrasound and histology assessment was made of the deposition pattern in the subcutis of injected HA, the tissue response at short and intermediate term, and the effects of remodelling the filler by strong finger pressure immediately after the treatment.

Methods

Two HA brands, specifically developed by the industry for deep injection, were compared. The gels were injected subcutaneously in 5 candidates for abdominoplasty or breast reduction, in the area of excision, 6 to 98 days before surgery. Ultrasound measurements and films were compared with postoperative histological findings. Tissue response was scored semi-quantitatively.

Results

Real-time ultrasound showed a slightly different deposition pattern of the 2 brands. Histologically, both were present in large pools of the same magnitude and looked the same. Unexpectedly, "linear retrograde" injection sometimes resulted in a globular bolus deposit due to elastic recoil of septae. After remodelling and over time, HA deposits became difficult to detect by ultrasound. Firm remodelling of the tissue immediately after injection or time had no significant effect on filler spread or tissue response. Except for 1 zone of granuloma formation, tolerance for both fillers was good.

Conclusions

HA deposition in adipose tissue occurs in much larger pools than in the dermis. Ultrasound examination is useful during and immediately after the injection but less reliable after filler remodelling or over time. Filler deposition can be less precise, and reshaping by finger pressure can have less effect than expected.

VANDEPUTTE Joan

Friday, April 01, 2022 - from 14:15 to 16:15

SALLE DES PRINCES

Session:

The Chin is in! (Chin, Jawline Submental Area)

INTRAMUSCULAR INJECTIONS AT THE JAWLINE: SAFE AND STABLE EXPANSION

Background/Objectives:

Constitutional shortness of the mandible and age-related bone loss contribute significantly to contour deficiencies of the lower third of the face. Although small adjustments can be made by subcutaneous injections, these hold the risk of adding weight to deflating soft tissues which already lack support. Deep injections in the mentalis, depressor labii inferioris, and masseter muscle insertions can increase the projection of the chin, the pre-jowl, the retro-jowl and the mandibular angle areas respectively. A rationale, techniques and types of filler for jawline recontouring by intramuscular injection are presented.

Materials / Methods:

Clinical results, filmed procedures and cadaver dissections were reviewed to outline a reproducible injection strategy with two types of fillers.

Results:

Appropriate products can be injected with a 30G needle at a low and safe flow. Piercing muscles with a cannula searching for bone contact is difficult and painful. The unequivocal feeling of bone contact with a sharp needle tip confirms intramuscular deposition. Bolus injections can be divided in subunits of less than 0,1 ml for safety reasons without need to withdraw the needle out of the muscle every time. Hyaluronic acid gels designed for deep injection are well-tolerated, but at times induce oedema. Agarose does not cause reactive swelling at medium or long term, but can feel stinging for several hours after injection.

Conclusion:

Minor to moderate retrogenia with or without minor class II occlusion, recession in the prejowl and retrojowl areas and flattening of the mandibular angle can be treated by deep intramuscular injections. Clear contact between the needle tip and bone ensures that the injection is intramuscular and not in the parotid gland, in the facial vessels on top of the masseter or the

external carotid artery posteromedial to the ramus. Although the bulk of overlying tissues helps to ensure an even result, reactive oedema at the jawl can neutralise some of the recontouring effects.

VANDEPUTTE Joan

Friday, April 01, 2022 - from 16:45 to 18:45

SALLE DES PRINCES

Session:

Mid-Face / Malar Area / Tear Trough

TWO LINES, NO MATH. A DEEP MIDFACE INJECTION STRATEGY FOR BETTER LOWER EYELID SUPPORT

Background/Objectives:

Visibility of the lower orbital contour and anterior cheek hollowing are common problems to be addressed in aesthetic practice. Unnatural results of direct injection are not uncommon either. Facial animation can be distorted by altered elasticity of injected superficial subcutis. Persistent oedema may occur. In patients with a neutral to negative vector between the cornea and the cheek, midface expansion by deep injection may significantly reduce the work to be done on the orbital margin proper.

A flexible and reproducible paradigm for deep injection of the anterolateral midface is presented. Types of fillers most suited for different types of patients are recommended. Midface expansion can be the foundation of comprehensive treatment of the inferior orbital margin area.

Materials / Methods:

Clinical results, filmed procedures and cadaver dissections were reviewed to outline a reproducible injection strategy with two types of fillers.

Results:

The axis of the tear trough, prolonged down the midface, and the midline of the malar eminence are easy to trace in almost all faces. These two axes are also the midlines of the areas that benefit from expansion. The intersection is a good, single entry point for the entire augmentation. Anteriorly, microbolus are injected with a 30 g needle to ensure that the filler is close to bone, without adding weight to the sagging soft tissues. Medial and lateral injections can reliably be performed with a 22 G 7 cm cannula.

Conclusion:

Both in male and female patients, the two described axes are reliable references for midface expansion by deep injection, although the injection pattern has to be adapted to individual anatomy, gender and preferences. Hyaluronic acid gels are the golden standard, but due to reactive water absorption of the surrounding tissues, precise recontouring is hard if larger volumes are needed. In patients prone to oedema, loss of elasticity or requiring large volumes, agarose gels hold the advantage of not inducing more volume than the quantity injected.

VANDEPUTTE Joan

Saturday, April 02, 2022 - from 14:15 to 16:15

SALLE DES PRINCES

Session:

Lips: Diverse Perspectives on Lip Augmentation

NATURAL LOOKING LIPS: VERY SUPERFICIAL WRINKLE FILLING AND PROJECTION LIMITED TO THE VERMILION

Despite the omnipresence of exaggerated lip augmentations and frankly botched results, lip injections remain immensely popular. Careful analysis of clinical results and cadaver dissections show how difficult it is to avoid inflation of lip subcutis all over the lip, while projection correction is supposed to be aimed at the vermilion alone.

Hyaluronic acid gels (HA) are very soft and stay so during their lifetime. Brands with an extremely low incidence of granuloma are available. Impending necrosis in this highly vascular area can be averted by off-label hyaluronidase injection. HA's are likely to remain the products of choice for lip injections in the near future. However, long term reactive oedema may still slightly change the natural elasticity and mobility of the lips, a good reason to keep total injected volumes limited.

The subcutis is thin and can easily get overfilled during attempts at intradermal injection, leading to stiffness and a duck beak appearance. Close to the lip border, the subcutis is slightly wider, which may explain why a bar of excessive volume can sometimes be observed close to lip borders.

Therefore, when treating vertical wrinkles or enhancing the relief of the philtrum, it is recommended to select dermal fillers that can be injected very superficially in the dermis (blanching technique) and to stay strictly intradermal. When the contour of the lips is enhanced by subcutaneous injection of the border, the aliquots are best kept very small and the speed of injection very low, preventing the filler from spreading under the skin.

Volumising injections under the lip vermilion can at least temporarily cause a little overall change in elasticity, probably due to reactive oedema. A little tilt of the lip border can look like inadvertent subcutaneous injection. It is good practice not to inject more than 0,5 ml per lip per session for volumizing purposes and to evaluate again three weeks later, when the immediate reactive oedema has subsided.

Linear retrograde injection of HA gel under the dry vermilion with a 25G cannula and adding a central bolus in the upper lip with a 30 G needle, under vestibular block, is a reliable technique offering a decent level of patient comfort. Preserving two small, uninjected zones in the upper lip and one central uninjected area in the lower lip helps to maintain normal mobility, even in case some oedema arises the first weeks. Unless marionette line wrinkles need to be addressed, a few millimetres close to

the lip junction is best left untreated. As shown by cadaver dissections, the effect of remodelling by finger pressure after injection is limited.

VANDEPUTTE Joan

Saturday, April 02, 2022 - from 16:45 to 18:15

SALLE DES PRINCES

Session:

Temples, Forehead and Brow Correction

**COMPENSATION OF EYEBROW POSITION AFTER TOXIN TREATMENT OF THE FOREHEAD:
BIOSTIMULATION, THREADS OR FILLERS?**

The majority of patients with horizontal forehead wrinkles need their frontalis muscles as accessory eyelid openers, either because the eyebrows are weighing on the upper eyelid or because eyelid opening itself is impaired.

Beside the candidates for surgical eyelid correction, superior brow elevation by direct excision or superolateral elevation with permanent, percutaneous or surgically inserted threads, many patients do not need surgery or refuse it. Minimally invasive eyebrow lifting can open the possibility of myomodulation of their frontalis muscles.

Subdermal induction of heat is performed under local anaesthesia with an electrode cannula, inserted under the skin. The cannula is part of a thermocouple monitoring subcutaneous temperature, while the temperature of the skin surface is being monitored with an infrared camera. The neocollagenesis, resulting from temperatures that do not cause scarring, can elevate the eyebrows. The absence of foreign material is an advantage and leaves the way for any additional treatment. The delay of three months before the result is being reached is a downside. The effect of the heat on botulinum toxin is unknown. It is there advisable to perform toxin injections in a later session.

Resorbable, barbed sutures are an elegant and easy means to lift the eyebrows. The result is almost immediate. They can also be inserted medially in the forehead for vertical elevation, where permanent sutures may cause permanent neural irritation. In combination with botulinum toxin, they are the most straightforward way to both elevate eyebrows and modulate muscle activity. The downsides are a short-lived effect and a small risk of infection.

The injection of fillers under the frontalis muscles and central galea, slightly expanding their course over the forehead, may come closest to restoration of youthful muscle preload, but it is debatable if this alone is sufficient to clear the way for botulinum toxin completely. In patients who have a direct aesthetic benefit of a rounder forehead contour, this may be the best treatment to begin with.

When lifting procedures are combined, least interference can be expected if subdermal induction of heat is performed first, followed by filler injection, then by the subcutaneous insertion of threads.

A lifting procedure can either raise the eyebrows or allow the frontalis muscles to relax more at rest. This makes objective evaluation more difficult. An apparently unchanged position of the eyebrows with less horizontal wrinkles or disappearance of a heavy feeling may still be a therapeutic success, which is difficult to quantify on clinical pictures alone.

VELTHUIS Peter

Thursday, March 31, 2022 - from 16:30 to 17:30

AURIC 4

Session:

Tips and Tricks in Cosmetic Dermatology - Session ESCAD

USING FACIAL ULTRASOUND IMAGING TO IMPROVE FILLER TREATMENT OUTCOME

Ultrasound (US) imaging is quickly becoming an important tool in filler medicine. US can help to prevent complications by identifying vascular structure or previous injected material prior to your treatment. US imaging can also be a way to teach anatomy and may help you to understand where to place your filler correctly. In this presentation we present three cases of interest, delivering tips and tricks for daily filler routines.

WANG Chao-Chin

Friday, April 01, 2022 - from 16:30 to 17:30

AURIC 4

Session:

Navigating the New Horizons of Aesthetic Dermatology in Asia - Taiwanese Experience

IN VIVO IMAGING-GUIDED LASER TREATMENT FOR SKIN PIGMENTS - A STEP FORWARD

Clinical endpoints serve as an important guide to physicians during laser treatment. However, there are no reliable clinical endpoints for the fractional picosecond laser-induced optical breakdown (LIOB) whose threshold is dependent on the irradiance of the laser and epidermal melanin content of the skin treated. Therefore, it would be extremely helpful if the LIOB threshold for different skin color could be determined. Optical coherence tomography (OCT) is a non-invasive optical technology that provides real-time imaging of the tissue and has been applied in several dermatologic occasions. And a newly developed cellular-level resolution OCT has successfully demonstrated the in vivo morphological change of LIOB in the epidermis by a fractional picosecond laser. By measuring the melanin content in the area of the skin-to-treat using a skin imaging device, the physician would therefore be able to determine the threshold of LIOB visually under OCT for the skin of that particular melanin content. The pilot study has demonstrated that OCT may serve as a non-invasive modality to

determine the thresholds of LIOB by a fractional picosecond laser. And the established correlation between melanin content and LIOB threshold in this pilot study may further guides physicians, that is, physicians may be able to predict the threshold of LIOB, without having to see the clinical endpoints, by simple measurement of melanin content of the skin-to-treat pre-operatively.

WAWRZYNKIEWICZ Magdalena

Friday, April 01, 2022 - from 11:00 to 13:00

AURIC 4

Session:

Hair Restoration Agenda - Non-Surgical Solutions For Hair Loss

PRP TREATMENT OF AGA AND TELOGEN EFFLUVIUM - TRICHOSCOPY EVALUATION

Background/Objectives: Androgenetic alopecia (AGA) and telogen effluvium (TE) are the most common hair loss disorders. By the age of 50 years, 50% of men and 30-40% of women develop AGA. Almost all people have at least one episode of TE in their lifetime. Approved treatments for AGA include oral finasteride and topical minoxidil. In TE elimination of its cause promotes hair regrowth. Platelet-rich plasma (PRP) treatment may encourage hair growth by promoting cellular maturation, differentiation, and proliferation. Active platelets secrete over 4,000 proteins and stimulate perifollicular fibroblasts. They release of growth factors and cytokines. PDG.Fs (Platelet-derived growth factor) are chemotactic agents for fibroblasts and macrophages, TGFb (transforming growth factor), EGF (Epidermal growth factor) and VEGF (Vascular endothelial growth factor) mediate angiogenesis, while FGF (fibroblast growth factor) stimulates cell and fibroblast proliferation. The objective of this study was to evaluate the effectiveness of PRP as a supportive or alone method of treatment for androgenetic alopecia (AGA), telogen effluvium including post-covid hairloss.

Methods: Study included 21 patients (10men and 11 women) with the diagnosis as follow: 15 patients had androgenetic alopecia, 2 patients had telogen effluvium, 4 patients had telogen effluvium in addition to androgenic alopecia. Treatment protocol: 4 PRP procedures with 4 weeks intervals (May 2021 to October 2021). Trichoscopic features such as hair shaft thickness heterogeneity, presence of thin hairs, yellow dots, perifollicular discoloration (the peripilar sign), an increased proportion of vellus hairs, and a large number of follicular units with only one emerging hair shaft were analysed and compared in before and after PRP therapy. Trichoscopic pictures and analysis were done with Foto Finder system.

Results: In group with AGA we observed 80% of patients with decreased number of thin hair (less-than 0,03mm), 60% had decreased number of vellus hair and 100% of patients had decreased number of empty hair follicles, presence of upright regrowing hair and increased number of terminal hair. In group with TE in 100% of patients we observed increased number of upright regrowing hair, increased number of multiple hair growing from one hair follicle, decreased number of empty hair follicle.

Conclusions: Platelet-rich plasma is beneficial in the treatment of AGA as well as in TE. It is recommended that 4 monthly sessions of PRP (once monthly x4 treatments) be used. It might be followed by a 3- to 6-month maintenance period.

WHITMAN Cheryl

Saturday, April 02, 2022 - from 14:00 to 15:30

NIJINSKI

Session:

Practice Management: The Patient Files: How to Grow Your Patient Base and Your Reputation

PEARLS TO GROW YOUR AESTHETIC PRACTICE - FOCUSING ON THE MALE AND LGBTQ MARKET

The growing demand for male aesthetic services requires special attention to the needs and interests of men. While men still represent only a fraction of the medical aesthetic market, they are increasingly becoming more cosmetically inclined. Practices need to understand what makes men unique and adjust accordingly. Covers unique challenges in marketing to the LGBTQ community.

WICHERS Marsha

Saturday, April 02, 2022 - from 09:00 to 10:30

NIJINSKI

Session:

Neuromodulators

HOW BOTULINUM TOXIN AFFECTS NONVERBAL COMMUNICATION - A VISUALIZATION USING ARTIFICIAL INTELLIGENCE

Title:

How botulinum toxin affects nonverbal communication: a visualization using artificial intelligence

Author: Marsha Wichers, MD in cosmetic medicine and designer-artist, the Netherlands.

Background:

The use of botulinum toxin is becoming exceedingly popular, particularly amongst younger people. Botulinum toxin works

against wrinkles by relaxing facial muscles. Few people realize that it may also profoundly affect facial expressions. Facial expressions are an important part of one's individuality. They are not only important to feeling emotions and expressing them, but also to interpersonal communication.

Research question:

Will we still understand one another if we can no longer fully utilize our facial expressions in non-verbal communication?

Methods:

This question was explored by running a standardized and protocolized routine of 18 facial expressions before-, and two weeks after full facial injections with botulinum toxin. Facial expressions were read-out from high-resolution video using (1) facial emotion-reading software, i.e. artificial intelligence, and (2) the human eye.

Results:

While the subject made the same effort to express emotions before and after botulinum toxin, outcomes were clearly different. Depending on the readout (i.e., emotion-reading software or the human eye) clear inability to display disgust or a genuine smile ('Duchenne smile') were detected after botulinum toxin treatment. Some discrepancies were noted between the two different readouts demonstrating the subjective and complex nature of emotions - and perhaps the complex nature of the effects of botulinum toxin thereon.

Conclusion:

Botulinum toxin does not only prevent skin wrinkle formation but also affects the ability to display emotions. For the future use of this toxin, it is important to be aware of this - particularly in young people to whom facial expressiveness in nonverbal communication is still essential to their development. While botulinum toxin is highly effective in treating and preventing wrinkles, dosages and injection schemes must be carefully considered between doctors and clients. The ability to express emotions is important for human development and interaction and may outweigh the disadvantages of a few wrinkles. In our modern digital world, presently recovering from a pandemic, it is particularly important to celebrate and embrace our humanity, by being empathic and able to mirror others.

Extra information:

This research material originated from a design research project (2019) about the effect of facial enhancement on the human condition by Marsha Wichers. For more information visit: <https://www.studiomarshawichers.nl/project-face-design>

WIERNSPERGER Nicolas

Thursday, March 31, 2022 - from 10:30 to 11:30

AURIC 5

Session:

A Deep Dive into Cellular Aging

KEYNOTE ADDRESS: THE KEY ROLE OF MICROCIRCULATION IN AGGRAVATION OF COVID-19 INFECTION: FOCUS ON GLYCOCALYX

Microcirculation is the nutritive part of the vascular bed, having its own anatomy and functioning processes. Although strongly involved in most pathologies, its role is largely underrecognized because of lack of apparent clinical signs. Covid-19 has led a considerable number of patients to intensive care unit with a substantial mortality. Many investigations have shown that the aggravation phase was in fact the manifestation of a microvascular disease, essentially represented by two main processes: endothelialitis and atypical microvascular thrombosis, as a consequence of generalization of the pulmonary lesions all over the body. Small arterioles and capillaries are affected by toxic circulating factors (mainly inflammatory factors) as well as direct effect of the virus. Two structures are particularly lesioned: pericytes and the glycocalyx.

Glycocalyx (GC) is the sheet of glycoproteins and glycolipids covering the luminal side of the endothelium, part of which is attached to cytoskeletal structures of the endothelial membrane. It is found in variable amounts and structures according to the organ/tissue, playing a key role in BBB. Thereby it contributes to regulation of microflow by a process called mechanotransduction. Despite its extreme thinness (a few dozen nanometers to some microns according to the organ) it acts therefore as a main shield against pathogens. Its negative charge allows repression of cell attachments. GC can be destroyed by a variety of stressors, mainly physical (shear stress) and chemical (inflammation factors). Shedding of GC constituents such as syndecans leads to microvascular permeability and extravasation of white cells. It also liberates fragments like hyaluronan, glypicans or syndecan-1 into blood circulation, thereby spreading disease over the whole body through the vascular bed. Syndecan-1 levels in hospitalized patients have been shown to predict disease outcome. In convalescent survivors, blood GC markers are observed at least 4 months after recovery, indicating persistent endothelial damage and possibly responsible for long Covid.

Like many viruses, SARS-Cov-2 spike protein first binds to GC heparan sulfate and crosses a damaged GC, after which it can bind to endothelial ACE2 receptor. It is thus clear that due to its most direct contact with blood, GC occupies a strategic position in the infection process and its protection may represent a priority target.

Presentation will be extended to the case of GC in aging. Finally several therapeutic suggestions, besides LMW heparin, will be mentioned which might protect GC.

WILLCOX Donald Craig

Friday, April 01, 2022 - from 12:00 to 13:00

AURIC 5

Session:
Anti-Aging Intervention - Italian Experience

MITOCHONDRIAL HEALTH, FOXO3 AND LONGEVITY

The gene FOXO3, encoding the transcription factor forkhead box O-3 (FoxO3), is one of only two (the other being APOE) for which genetic polymorphisms have shown consistent associations with longevity in diverse human populations. In this presentation I review the multitude of actions of FoxO3 that are relevant to longevity, many of which have been discovered and/or elucidated from our lab in Hawaii. In particular I will focus upon the role of FOXO3 in mitochondrial health and function..FOXO3 is a core regulator of cellular homeostasis, healthy aging and does so through the modulation of a variety of stress responses upon nutrient shortage, oxidative stress and DNA damage, among others. The presentation will conclude with an analysis of the role of mitochondria and FOXO3 in stem cell homeostasis and offer some suggestions on how this research may have some translational and practical applications in anti-aging medicine.

WILLIAMS Greg

Friday, April 01, 2022 - from 14:00 to 16:00

AURIC 4

Session:
Hair Restoration Agenda - Surgical Hair Restoration and Future Treatments

WHAT OTHER NEW TREATMENTS ARE IN DEVELOPMENT?

In this talk a brief overview will be given on some of the promising hair growth clinical therapies and new drugs in development around the world.

WILLIAMS Elaine

Saturday, April 02, 2022 - from 09:00 to 10:30

NIJINSKI

Session:
Neuromodulators

EXPLORATION OF THE RELATIONSHIP BETWEEN NEUROTOXIN FACIAL AESTHETIC TREATMENT AND MOOD IN PERIMENOPAUSAL WOMEN: AN INTEGRATIVE REVIEW

Abstract

There is growing interest and understanding of the menopause and the menopausal transition in women. However, there is much to be investigated regarding mood dysregulation during this period. Menopause transition begins during the early 40's for many women, which correlates with the largest age cohort of women seeking botulinum toxin (BoNTA) treatments. This integrative literature review aims to explore the hypothesis that there is an unintended consequence of improved mood for perimenopausal women following treatment with BoNTA. A systematic strategy was designed to identify studies related to the use of BoNTA for treating mood disorders in perimenopausal and menopausal women, using well defined inclusion and exclusion criteria. A total of 32 studies were included in the original review, with 11 being discussed at AMWC. The results demonstrate considerable disparities in the sample sizes, definition of age ranges and follow-up periods. In addition, a variety of doses and sites of administration has been used across different studies, making it difficult to compare or draw consistent conclusions. Anti-depressants and hormone replacement remain the mainstay of the treatment of depression in menopausal women. On the other hand, the facial administration of BoNTA has a well-established safety profile and lacks serious or systemic side effects. Whilst the use of daily medications over long periods of time can be a burden for some patients, BoNTA facial injections undertaken every 12-16 weeks can potentially increase compliance to the treatment of depressive symptoms in perimenopausal and menopausal women. Nevertheless, considering the weaknesses and limitations of the available studies, we find strictly necessary the completion of further prospective clinical trials with larger samples and more objective assessment tools to confirm or refute the alluded benefits and to establish recommendations and application protocols.

YAMADA Hidekazu

Saturday, April 02, 2022 - from 09:30 to 10:30

AURIC 5

Session:
The Forefront of Anti-Aging Medicine

AGING CLOCK

In anti-aging medicine, criteria are needed to assess the degree of aging. The aging clock represents biological age, as opposed to calendar age. Measurement methods include the degree of inflammation and imaging information and Omics. AI-based age estimation based on appearance is also used to assess the appearance. The most popular method to express the degree of aging is the Epigenetic Clock, which determines the degree of DNA methylation using appropriate CpG islands. It has been studied at the cellular and even tissue levels, with differences depending on the organ and tissue. In the study of using the Yamanaka Factor to slow aging through reprogramming, the DNA methylation clock was used to determine

biological age. The use of the same method is used to determine. In actual clinical practice, various aging clocks can be estimated by AI using various data such as blood biomarkers, visual image analysis, and medical history. Analyzing these data by AI, the aging speed can also be expressed. In daily clinical practice, it is expected that treatment will be advanced by using the biological clock associated with EC to evaluate the aging clock in the future.

YONEI Yoshikazu

Saturday, April 02, 2022 - from 09:30 to 10:30

AURIC 5

Session:

The Forefront of Anti-Aging Medicine

THE EFFECTS OF NMN ON THE FUNCTIONS OF MITOCHONDRIA: CLINICAL TRIAL

Background and purpose: Mitochondria are intracellular organelles that play an important role in the production of cellular energy. Cellular senescence and glycation stress cause qualitative deterioration of mitochondria, resulting in functional and numerical decline. In particular, in conditions of high glycation stress, such as diabetes, the TCA cycle fails to function properly, leading to an increase in fumaric acid and succinylation of cysteine residues in proteins/peptides (2SC modification), resulting in a loss of important protein functions. For example, increased 2SC-adiponectin leads to inadequate adiponectin secretion and increased insulin resistance, and 2SC-GAPDH (glyceraldehyde-3-phosphate dehydrogenase) formation leads to decreased enzyme activity and increased GA. So far, alpha lipoic acid, CoQ10 and steroid hormones (estrogen, testosterone, DHEA) have been suggested as candidates to maintain or restore mitochondrial function, but their action is not sufficient. NAD (nicotinamide adenine dinucleotide) is important for TCA cycle homeostasis and NAD depletion is suspected in diabetic patients. This is where the NAD precursor NMN (nicotinamide mononucleotide) comes in. We are currently involved in some of clinical trials of NMN. A part of preliminary results are presented here.

Methods: The number of subjects in each study was about 60 to 80, postmenopausal women or mixed sexes, and subjective symptoms and physical information were evaluated at 4 and 8 weeks after the intake of NMN 125 to 300 mg/day.

Results: One patient has dropped out of the study so far because of mild headache, and the association with NMN intake cannot be ruled out. The blood levels of NAD-related substances showed no change in NMN, an increase in NAM (nicotinamide) and a slight decrease in NAD. FPG (fasting plasma glucose) and HbA1C of the subjects were in the normal range before the intake, and no significant changes were observed after the intake. There was an increase in blood adiponectin and DHEA-s, and a decrease in skin AGE fluorescence intensity (AF). This may have had a positive effect on glucose metabolism.

Conclusions: Oral intake of NMN 125-300 mg/day for 8 weeks was safe and showed positive changes in many biomarkers, suggesting that oral intake of NMN, a member of NAD World, may be a potent nutrient for aging and glucose metabolic control in humans.

YU Jonathan Nevin

Friday, April 01, 2022 - from 17:30 to 18:30

AURIC 4

Session:

Aesthetic Trends in Asians

UNDERSTANDING AND ACHIEVING THE IDEAL AESTHETIC OUTCOMES WITH ASIAN PATIENTS

Asian Patients have a unique set of challenges to achieve optimal beauty. This lecture will briefly explain how Asians differ from other races and offer some tips for treating an Asian aesthetic patient.

ZERBINATI Nicola

Thursday, March 31, 2022 - from 14:00 to 16:00

CAMILLE BLANC

Session:

Lasers and EBDs Part 1

A NEW "HOLISTIC" ADDITIVE LASER APPROACH FOR NO DOWNTIME SKIN REJUVENATION

Background:

Skin aging is an unavoidable physiological process, often accelerated by excessive exposure of the skin to ultraviolet light. Skin aging often manifests itself with multiple evidences such as dark spots, wrinkles, benign neoformations and telangiectasias. Classic methods of improving the appearance of aged skin consist of using energy based devices or injectables that primarily address a single component of photoaging, often limiting the overall result. The contemporary market for aesthetics, however, is asking for results that restore the skin, as far as possible, to its natural condition with an overall healthier appearance.

This presentation will show the effect of a new "layered, additive" multi-laser strategy to simultaneously address the multiple conditions of skin aging.

Summary:

The "holistic" method takes into account all the signs of aged skin and approaches them all in the most focused way. It was

applied using a new pulsed and Q-Switched laser platform capable of delivering wavelengths of 532, 694, 1064 and 2940 nm and broadband IPL energy. The results by "layering" in a single session, whole skin treatments with these wavelengths showed significant improvements in the signs of skin aging. The superficial and deep laser-skin interactions (thermal, plasma and photoacoustic) of this layered approach generate a diffuse and delicate synergy able to avoid the excessive post-treatment stress generated by the diffusion of the effect from a single skin layer that can produce longer downtime for patients. This approach has shown that the interaction of different lasers with their targets, even in a single session, creates a safe and effective skin treatment effect and allows the patient to return to normal social life in a very short time.

ZIMBRES Silvia

Thursday, March 31, 2022 - from 09:30 to 10:45

PRINCE PIERRE

Session:

The Good, The Bad, The Ugly - Everything You Need to Know about Fillers

THE POWERFUL MECHANICAL MYOMODULATION EFFECT OF HA FILLER. TREATMENT OF FACIAL PALSY AND GUMMY SMILE

For the last years, skin laxity, fat compartments deflation and bone resorption have been pretty much discussed regarding the treatment with facial fillers. Muscles were only included in chemical myomodulation with botulinum toxin. It is time to remember the powerful mechanical myomodulation when injecting the face with fillers, that can bring positive or negative effects on facial expression.

ZIMBRES Silvia

Saturday, April 02, 2022 - from 11:15 to 13:15

SALLE DES PRINCES

Session:

Periorbital Zone and "Foxy Eyes" Trend - Lifting Rejuvenating

PERIORBITAL TREATMENT WITH INJECTABLES

When the injector plan periorbital rejuvenation, it is important to observe way more than the tear trough. Bring foundation to the face by treating malar deflation is fundamental. Done that, contouring is the next step and that is why the correction of temporal hollowing should always be performed.

ABSTRACTS INDUSTRY SPONSORED SYMPOSIA

PALMA Adrian

Friday, April 01, 2022 - from 14:00 to 16:00

VAN DONGEN

Session:

REJUVENATION AND VOLUMIZATION GO TOGETHER! THE HOLISTIC APPROACH CREATING AN IDEAL INDIVIDUALIZED BALANCE TO KEEP UP WITH MODERN BEAUTY TRENDS.

REJUVENATION AND VOLUMIZATION GO TOGETHER! THE HOLISTIC APPROACH CREATING AN IDEAL INDIVIDUALIZED BALANCE TO KEEP UP WITH MODERN BEAUTY TRENDS.

Each patient is unique & has a different need & desired aesthetic outcome. This depends on multiple factors such as age, skin type, culture, current trends, among others.

In this session, Dr. Surowiecka & Dr. Palma will explain the art of choosing the right filler according to your patient's needs & expectations, utilizing the versatile Croma injectables portfolio to keep up with modern aesthetic trends.

VIGNERON Jean-Luc

Thursday, March 31, 2022 - from 16:30 to 17:25

POULENC

Session:

Cosmo Peels (TCA) their various uses : Discover Dermaceutic experts' experiences

COSMO PEEL FORTE

CosmoPeel Forte is a medium peel containing TCA, the queen molecule of medium peels, Phenol and Glycolic Acid. This combination leads to the virtual disappearance of the sensation of heating, progressiveness during application and effects similar to or greater than TCA 30% (French calculation) or TCA50% (US calculation). One of these procedures will be performed live.

SPEAKERS



ÁVILA Daniel, Aesthetic doctor specializing in facial and body treatments. Expert in facial fillers and tension threads. With various courses in full face treatments. Hair surgeon specialist in FUE techniques and Master's professor of Hair trasplation Member of the Valencian Society of Aesthetic Medicine.



ASAL Khaled, Khaled Asal, MD, PhD, ABAARM, FAARM, FMNM is a Prof. of Internal Medicine at Mansoura University, EGYPT and Head of Int. Medicine Department at Dr. Samir Abbas Hospital, Jeddah, Saudi Arabia. In 2012, he became American Board certified and Fellow of the American Academy of Anti-Aging Medicine. Dr. Asal is an international speaker. In clinical practice, he has special interests in the management of diabetes, HTN, dyslipidemia, gut disorders, and anti-aging medicine.



ABITBOL Jean, Otolaryngologist, Head Neck surgeon, a Phoniatrician and a Laser specialist. He performs surgery of the voice and treats voice professionals since 35 years. He is in private practice in Paris since 1981. He was knighted in May 2005 "Chevalier de la Legion d'Honneur" by the Ministry of Health. He is on the Board of Director of the voice Foundation. He had 3 times the presidential citation of the American Laryngology Association of the American academy



AVERINA Vladlena, MD, is certified specialist in dermatovenerology & aesthetic medicine since 1998, from Kiev Medical University (Ukraine). Works at Averina clinic in Kiev. Has extensive experience with fillers, BoNT-A, nanofat, PRP, mesotherapy, peeling, threads. She is the author of over 40 scientific articles for aesthetic dermatology journals. She is EADV member, President of Association of Aesthetic Gynecology and Andrology, organizer of annual conference Portrait of difficult patient



ABOZEID Mohamed, Professor of plastic surgery at Cairo University Medical School MD Cairo University Medical School Member of the Royal College of Surgeons, MRCS England Chairman of the Egyptian Women Health Society (Venus) President of International Cosmetic Congress ICC Member of the Egyptian Society of Plastic and Reconstructive Surgery ISAPS member Founding member of Aesthetic Academy of Egypt M.B.B.Ch of medicine and surgery, Cairo University Medical School



BADAWI Ashraf, Professor at the Laser Institute, Cairo University, Egypt. In 2007, Dr. Badawi received a PhD degree in Laser Applications in Dermatology from the Laser Institute, Cairo University, Egypt. In 2011, Dr Badawi obtained a second PhD in Clinical Medical Sciences from Szegeed University, Hungary. Within the past 10 years, he was directly involved in training of more than 2,500 Dermatologists all over the world for Laser Applications in Dermatology.



ACQUILLA Raj, Graduated from Manchester University Medical School in 1999 and has 14 years experience in Cosmetic Dermatology having performed over 40,000 procedures. He is member of the British College of Aesthetic Medicine, UK Ambassador & Global KOL for Allergan Facial Aesthetics. He has lectured extensively in Europe, Africa, Middle East, Latin America, Asia and the USA. In 2012 he was given the title of Speaker of the Year and 2014 awarded best UK Doctor at the Aesthetic Awards.



BARBAGALLO Mario, MARIO BARBAGALLO, MD, Ph.D, Full Professor of Geriatrics, Professor of Internal Medicine and Geriatrics, University of Palermo Member of the Superior Council of the Italian Minister of Health President of IAGG-ER -International Association of Gerontology and Geriatrics-European Region Director of the Geriatric Unit, Univ. of Palermo, Italy Born on March 16, 1959, Palermo, Italy Fulbright Scholar Wayne State Univ. Detroit MI USA in 1994-95



ADLER Yael, Studied human medicine in Frankfurt/Main and Berlin, doctorate in 1999, focus: medicine, skin and venereal diseases, and nutrition 2003: Further training to become a specialist in skin and venereal diseases 2004: Additional training as a phlebologist since 2007: resident dermatologist in her own private practice 2015: Additional training as a nutritionist since 2003: Appearances as a TV dermatologist and health expert on various TV stations International bestseller author



BARBARINO Sheila, Sheila Barbarino, MD, FACS, is a board certified surgeon with a fellowship in oculo-facial plastics/full body cosmetic surgery, specializing in full body cosmetic surgery and a full face. Dr. Barbarino is an international speaker, key opinion leader, global aesthetic ambassador, trainer, reconstructive and aesthetic surgeon.



AKERMAN Lehavit, Dr. Lehavit Akerman is a specialist dermatologist. She completed her studies at Tel Aviv University and interned at the Dermatology Dept. at Beilinson Hospital. Currently runs the Dermatology Dept. at the Clalit Health Services In the past 10 years, she runs a chain of private clinics for esthetics and laser anti-aging treatments. Her clinics offer a broad range of innovative dermatological and esthetics anti-aging treatments and also is involved in many clinical studis.



BATSIALOU Ioanna, Prof.dr Ioanna Batsialou, graduated at the Faculty of Medicine at the University of Belgrade, Serbia.
 Doctorate degree (PhD) at the age of 32.
 - Dr of Science of the Medical Faculty in Belgrade, Serbia.
 - Sub-specialist of AAG and Aesthetic Medicine, Paris, France.
 - Master of Aesthetic Medicine, University Camerino
 - Instr. for Mesotherapy and Revitacare-
 - Instr. for Teoxan filer.
 - Member of the WOSIAM.



ALIZADEH Navid, Dr Navid ALIZADEH is a plastic surgeon based in Geneva. After completing his training in plastic surgery at the University of Geneva and obtaining several awards, he opened a private practice, Care Geneva Aesthetics created in 2004. His main focus are face aesthetics, lipofilling and breast aesthetic surgery. He is passionate about his work, and as an expert in the field of aesthetics, he is invited very regularly to train his peers from all over the world.



BAY AGUILERA Shino, Dr. Shino Bay Aguilera is a multi-award winning, world renowned, cosmetic dermatologist, dermatologic surgeon, cosmetic laser expert, also Dual Board certified with a Fellowship in Dermatology from AAD and ACOD. Doctor Aguilera travels globally teaching physicians the proper use of the newest laser advancements and cosmetic techniques.



ALLEGRINI Serena, Co-Founder and Commercial Director AAG Publishing : ANTI-AGE Magazine, PRIME Journal - ESTETIC Magazine - Awards de l'Esthétique Médicale France. Co-Founder and Director Diwital : Digital Communication Agency specialised in Aesthetic Medical and Anti-Aging Medicine.



BERGER Andre, Andre Berger, MD, a cosmetic surgeon & anti-aging specialist, founded Rejuvalife Vitality Institute in Beverly Hills, California. Dr. Berger is a former Trustee of the CACS and member of the AACS, a Diplomat of the American Board of Anti-Aging & Regenerative Medicine, and author of the acclaimed book, 'The Beverly Hills Anti-Aging Prescription'.



ANAND Chytra, Dr Chytra Anand is a renowned Cosmetic Dermatologist from Bangalore, India. She is a well known expert and master trainer in Injectables and Lasers and known for her unique techniques with natural results. Having studied in India, UK and USA, she is well versed in all skin types. She is the founder of Kosmoderma Clinics, voted India's Leading skin clinic chain and recipient of India's most Respected Cosmetic Dermatologist award and voted as the doc to have on your speed dial.



BERGER Marc G., Physician, biologist, university professor, haematologist, specialised in haematopoiesis, chronic haemopathies and Gaucher disease. Member of the FI-LMC group (French experts on CML), co-chair of the IWGGD. He manages the EA 7453 CHELTER research team in Clermont-Ferrand (France) and in particular the research axis on epigenetic abnormalities in CML and their relationship with individual aging and the follow-up of patients treated with targeted therapy.



ANEJA Jyoti, Medical Director Founder and Chief Dermatologist at La Grace Luxury Skin Clinic Mumbai, India Official dermatologist to leading Bollywood celebrities. Ethical Aesthetics is my passion and I am here to be the face of change. My motto : Less Is MORE.



BERNE Fredrik, Fredrik Berne MD is a Specialist in Surgery specializing in aesthetic surgery since 2007. Founder of Klinik34, specializing and evolving Minimal Invasive Cosmetic Surgery. He has been invited as faculty to many aesthetic surgical meetings such as ISAPS, Euromedicom, IMCAS, MIPS. He is part of multiple advisory boards both European, Asian and international. Member of Swedish Association for Breast Surgery.



ARTZI Ofir, An internationally renowned expert in the field of lasers and aesthetic dermatology, Dr. Ofir Artzi heads the Center for Aesthetic Dermatology at Tel Aviv Medical center. Dr. Artzi is a member of many national and international dermatological and cosmetic professional associations. He regularly participates in many professional forums and has been honored as a guest speaker at numerous national and international aesthetic and dermatologic conferences



BERRENI Nicolas, Dr Berreni holds a medical degree from Nancy university. He then specialized in surgical gynecology and became head of obstetrics department of Foix and Pamiers hospitals in 1981. Dr Berreni holds a plastic and maxillofacial surgery university diploma from Paris 12, and has also graduated from the face and neck institute (Sophia Antipolis university). He is currently practicing as a gynecologist-obstetrician in Perpignan.



BERROS Philippe, Dr Berros is currently Consultant Ophthalmic Plastic and Reconstructive Surgery at the Princesse Grace Hospital in Monaco. He was nominated Visiting Professor at HeUniversity in China. He is member of the American Academy of Ophthalmology, and the French Society of Ophthalmic Plastic and Reconstructive Surgery. He has developed an oculofacial rejuvenation technique, filling with reinforced microcanula, the Hyalurostructure®.



BRAMBILLA Massimiliano, Dr Brambilla is a Board certified Plastic Surgeon. Since 1997 he has been a Senior Surgeon of the Division of Plastic and Breast Surgery of the IRCCS Policlinico-Mangiagalli Hospital in Milan, Italy. Field of interest: breast oncoplastic surgery, genital surgery, staminal cell regenerative medicine and eyelid oncoplastic surgery. He is a very active aesthetic surgeon with special interest in breast, face rejuvenation and genital surgery.



BERTOSSI Dario, Head of Maxillo Facial Plastic Surgery Unit, Associate Professor at the University of Verona. Professor of Practice at University College of London. International speaker on Facial surgical and non surgical procedures. Visiting professor in the USA, Asia, Europe and South America. He is involved in research and teaching with more than 200 papers and 6 books contribution. 30 years practice in Facial Plastic Surgery.



BRAZ André, Dr André Braz is a clinical, surgical and cosmetic dermatologist. He is the CEO of Dr André Braz Dermatology Clinic and Assistant Professor of Cosmiatry at the General Polyclinic of Rio de Janeiro, Brazil. Dr Braz authored the book, Dermal Fillers: Facial Anatomy and Injection Techniques. He is a member of the American Academy of Dermatology, American Society for Dermatologic Surgery and Brazilian Society of Dermatology. ALL-ABBV-220077| March 2022



BESINS Thierry, Dr. Besins is Plastic Surgeon at the St George Clinic in Nice, France. He is specialised in plastic reconstructive and aesthetic surgery as well as in maxillo-facial surgery. He is Founder President of the SOFCEP (French Society of Aesthetic Plastic Surgeons). Member of ASAPS, ISAPS, and SOFCPRE (French Society of plastic and reconstructive surgery) and SOFCEP. Scientific Director of the AMWC of Monaco.



BRUNORO Andrea, Dr. Andrea Brunoro is a Board-Certified Medical Doctor within Aesthetic Medicine, who brings a wealth of experience working directly with patients in a clinical setting, especially diagnosing and treating patients for aging issues. Member of the Italian Aesthetic Medicine Scientific Societies, Dr. Brunoro has started his collaboration in pharmaceutical industry over 10 years ago, where he has dedicated his career to Medical Affairs for a diverse portfolio range.



BEZOT Jean Francois, Jean-François BEZOT PharmD is a Clinical Pathologist .Since 1988 he has a private Practice for Anti Aging Biology and Omics in Paris ,Geneva,London and Brussels. At present he is Expert BIOPREDIX for Cerba Health Care in U.E.Co-funder Holisticscience and he is growing up My Cure (tm) in Medical Clinics over the world .He is Vice Président French Society of Anti-Aging Medicine.



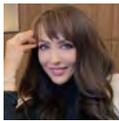
CAMPO VOGLI Antonio, Antonio Campo, MD, PHD is the Founder and Medical Director of Campo-Optimage, a Dermatology and Aesthetic Medicine Clinic in Barcelona Spain. He recently created Optimage Academy a Virtual Teaching Platform focused in spreading the knowledge in this area of our speciality. Dr Campo is recognized as a national and international authority in laser and cosmetic procedures and participates as professor in several International University Master Courses.



BIENKOWSKI Marcin, Graduated from the Medical Academy (Poznań, Poland) in 1998, then went on to run the Aesthetic Medicine + Anti-Aging Department at Bie?kowski Medical Center (Bydgoszcz). In 2006, founded Esteticmed.pl – an aesthetic clinic. In 2007, obtained Ph.D. (Bydgoszcz, Poland), and complete a second degree in the field of general surgery. Today, Dr. Bie?kowski runs 2 Bie?kowsky Clinics in Bydgoszcz and Cz?stochowa.



CARDENAS SICILIA Nathania, Dr Cardenas Sicilia, MD, is a graduate of Westhill University. She did a postgraduate in Clinical Bariatry at the National Polytechnic Institute and has a degree in Aesthetic Medicine and specialization in non-surgical procedures with injectables and a Course of Esthetic and Topographic Anatomy. More than 9 years of experience with injectables. Medical director of The Youth Conspiracy in Mexico City.



BIRD Vanessa, An experienced Consultant with 13 years of Industry experience who understands the challenges faced by aesthetic practitioners & clinics as she coaches them to succeed in a competitive market. Vanessa builds world-class luxury patient experiences, provides effective sales training, dramatically increases clinic revenue & enhances positioning & reputation in the aesthetic medical arena. She contributes regularly to industry publications providing business insights & education.



CARMAN Timothy, Dr Carman owns and operates La Jolla Hair Restoration as Chief Surgeon. His background training includes General, Trauma, Plastic and Reconstructive Surgery. He is a Fellow of the International Society of Hair Restoration Surgery (ISHRS) and has been privileged to be on Teaching Faculty for over ten years. He is also honored to sit currently as the President of The American Board of Hair Restoration Surgery (ABHRS).



BJERRING Peter, Professor Bjerring is the Clinical Professor at Department of Dermatology, Aalborg University Hospital. He has published more than 250 original scientific papers and has contributed with more than 500 papers at international congresses and scientific meetings mainly on energy based devices in clinical and cosmetic dermatology as well as photodynamic therapy. Professor Bjerring is Past President of the ESLD, Past Vice President of ESLAS and Fellow of DDS, EADV, AAD and ASLMS.



CASABONA Gabriela, MD, Dermatologist. In 2001, Dr. Gabriela CASABONA built her own clinic in Sao Paulo, Brazil. Dr Casabona has extensive experience with cosmetic dermatology, mainly fillers, botulinum toxin combined with technology treatments, and the newest generation of thread lifting procedures, oncology and cosmetic surgery (specially oculoplastics). She is a member of the Brazilian Society of Dermatology and Dermatologic Surgery and also AAD, ASDS and ASLMS.



BOLLINGER Brigitte, precise injection of the nasolabial fold under anatomical alignment using ultrasound.



CASTILLO GARZON Manuel J., MD, PhD, Chemical Pathology - Nutrition-Endocrinology. Professor of Medical Physiology, Granada Medical School. Head of Clinical and Exercise Physiology Unit. Medical director of Health Resort. President of the Scientific Committee Spanish Society of Anti-Aging Medicine. >300 peer-reviewed publications. Lines of clinical and research interest: anti-aging medicine, fitness and health, exercise physiology. See Castillo MJ, Castillo M or Castillo-Garzon M in www.pubmed.com



BONAN Paolo, In 2007 Dr Bonan became Professor at the Post-graduate school - Department of Dermatology, University of Florence. Since 2015, he has been Key Officer in the Board of ESLD (European Society of Laser in Dermatology). Since 2016, he has been a member of EADV Laser Task Force. Since 2017, he has been a Professor in Laser Surgery at University of Rome "Guglielmo Marconi". Since 2018, he has been Professor in Laser and EBD at Plastic Surgery - University of Siena.



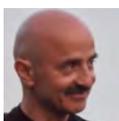
CAVALLINI Maurizio, Maurizio Cavallini is plastic surgeon and microsurgeon. Assistant and then acting chief in ICP and Galeazzi Hospital in Milan, currently is chief of Unit of Dermatology and Dermato Surgery in CDI Hospital in Milan. Fellow of many national and International societies, current Vice-President of ASSECE (European Association of Aesthetic Surgery), and ordinary fellow of SICPRE (Italian Society of Plastic Surgery) and AICPE (Italian Association of Aesthetic Surgery).



BONUCCELLI Carlo Giuseppe, Carlo G. Bonucelli, MD. Born in 1987 in Pisa, Italy, he graduated cum laude in medicine at Pisa's University. He studied Aesthetic Medicine and Surgery in Bologna. In 2017 he became a member of the scientific committee of SIES, Società Italiana di Medicina e Chirurgia Estetica. Speaker in several national and international congress.



CELIK Naci, Plastic Surgeon based in Istanbul, Dr. Celik is gives instructional and hands-on training courses weekly to plastic surgeons. He has published more than 60 articles and book chapters. His active memberships: ASAPS, ASPS, ISAPS, The Rhinoplasty Society, TSPRAS. He is the president of Aesthetic Face and Nose Society. He has been awarded many times in his professional life which includes two consecutive first prizes in Anti-Aging and Beauty Trophy in 2018 and 2019.



BOTTI Giovanni, is Plastic Surgeon in private practice in Salò, Italy (Villa Bella). Since 1988 he has been teacher in numerous aesthetic surgery courses, organized both by University and by Scientific Societies in Italy, France, Austria, Germany, Norway, Switzerland, Spain, United States, Japan, Romania, Oman, Egypt, Bahrain, Morocco, etc, and he has performed live surgical interventions in many hospitals, both in Italy and foreign countries.



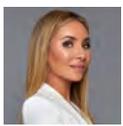
CELLA Gabriela Andrea, Director of Skin center Rosario since 2008. Graduated from the Faculty of Medical Sciences Rosario National University (UNR) Doctor specialized in clinical dermatology, cosmetics and laser treatments. Scientific Director of the International Course on Applied Anatomy in Faculty of Medicine, University of Buenos Aires, a lecturer in postgraduate courses in UNR. A member of the Argentina Society of Dermatology and the American Academy of Dermatology (ADD), USA.



BRACCINI Frédéric, Dr Braccini is a Facial Plastic Surgeon and practices in Nice, France (ENT&FPS institute). He is an international expert in surgery and medicine aesthetic fields. He is secretary of communication of the French Society of Facial Plastic Surgery, member of the European Academy of Facial Plastic Surgery, Past President of Riviera Aesthetic Medicine and Surgery Society (SAMCEP). He published many scientific studies and books on facial plastic surgery. www.braccini.net



CETTO Raul, Dr Raul Cetto is an international speaker and educator in Aesthetic Medicine. He is a Clinical Lecturer and Researcher at Imperial College London. He trained in Otolaryngology and Head and Neck Surgery and his surgical training led to the completion of a PhD at Imperial College London. He also holds a post graduate certificate in Aesthetic Medicine and a Masters Degree in Medical Education from the University of South Wales.



CHANTREY Jonquille, Dr Jonquille Chantrey is an aesthetic surgeon with over 16 years scientific product development experience, launching many major industry innovations. A prominent global Thought Leader, she has spoken throughout 6 continents over 12 years. Publications in The Lancet, J Cosmetic Derm, and Plastic & Reconstructive Surgery. She has performed over 55,000 aesthetic & minimally invasive surgical procedures and works extensively with the media. ALL-ABBV-220077| March 2022



CHAUCHARD Claude, obtained his doctorate in Endocrinology, Biology and Sports Medicine from the University of Montpellier, France. Chairman of the Asia Pacific Academy of Anti-Aging medicine, and former Assistant Professor at the University of Montpellier (1974-1979), he is one of the world's top Specialists in preventive medicine for aging. Over one million copies of his thirteen books on ageing process have been sold.



CHICON Jesus, Dr. Jesús Chicón, Aesthetic Practitioner. In 2008, he founded a private practice for aesthetic medicine in Madrid, Spain. Dr. Chicon is one of the most representative practitioners in PDO mini threads around the world. He teaches Anatomy and Physiology at Alfonso X El Sabio University. He has been Galderma's, Filorga's... international speaker.



CHONG Joshua, Doctor Joshua Chong is a full time hair restoration practitioner heading Terra Medical Clinic in Singapore. He graduated from Monash University, Melbourne, Australia with MBBS (Hons) and is a Diplomate of the American Board of Hair Restoration Surgery. Dr Chong's clinical interests include regenerative medicine for hair loss, hair restoration surgery and hair line reconstruction for Asian females. His leisure time is spent with his wife & dogs, scuba diving and playing golf.



CHRISTIAN Alex, Alex Christian is the Vice President of Research + Analytics at EvolveMKD. Alex has over ten years of experience conducting research in global PR and communications agencies. Having worked on a variety of research projects, from evaluating the impact of communications, conducting interviews and focus groups with key stakeholders, and executing global thought leadership initiatives, Alex combines her love of PR with the data that informs it.



CHRISTIE Andrew R., Dr. Christie is an aesthetic specialist with 20 years' experience. He graduated from Macquarie University & the University Of Southampton. Having lectured as a micro-needling expert in 55 countries, Andrew has been invited as a speaker at 40 major congresses. Andrew has also been a guest lecturer at 10 universities. Andrew has appeared in hundreds of interviews as a micro-needling authority & has authored over 600 papers. Andrew trains over 50,000 practitioners each year.



CHUMAK Maxim, Dr. Maxim Chumak ABHRS, ABFM is a medical director and surgeon at Hair by Dr Max Restoration center. Dr. Chumak graduated with medical degree from American University of Antigua and completed internship in General Surgery in Michigan State University and Medicine Residency at Wayne State. He is serving as principal investigator with ARTAS since 2019. Dr. Chumak is a diplomate of American Board of Hair Restoration Surgery.



CHUNG Yongji, Ph.D., Dr. Chung is CEO of CAREGEN Co.,Ltd. He founded a company for research and marketing of Biomimetic peptides and Growth Factors in South Korea, 2001. - B.S. Genetic Engineering (SungGyunGwan Univ., Korea)(1994) - M.S. Biochemistry (Univ. of Texas at San Antonio, USA)(1996) - Ph.D. Molecular Biology (Cornell Univ., USA) - BRCA Research in Bovine mammary gland (2000) - Post Doc. Northwestern Univ., USA - Hormonal & Dietary gene modulation in Breast cancer cells (2001)



CLATICI Victor Gabriel, Victor Gabriel Clatici is a Dermatologist, with interest on acne, rosacea, skin aging and impact of skin diseases on quality of life, and Editor-in-Chief of Romanian Journal of Clinical and Experimental Dermatology, an open access and peer review journal. I presented over 400 papers at Congresses and published over 60 articles about use of lasers in dermatology, skin cancer, skin diseases (acne, rosacea, melasma), nutrition, sexually transmitted infections and wound care.



CLAUDE Olivier, Dr Olivier is qualified in Plastic, Reconstructive and Aesthetic Surgery. He is specialized in silhouette and face surgery for which he has attended a complementary training in the United States as Assistant of Professor Yaremchuk in Harvard, Boston. He is member of the French Society of Plastic, Reconstructive and Aesthetic Surgery (SOF.CPRE) and of the American Society for Aesthetic Plastic Surgery (ASAPS).



COHEN Maria Fernanda, Graduated as a Medical Doctor from the University of Buenos Aires. Specialized in Pediatrics, with postgraduate degrees in Adolescent Care and Aesthetic Medicine (UBA). Passionate about embellishing my patients' bodies and souls. Head of the Residences Division of the Associated Directorate of Teaching and Research of the Hospital de Clínicas José de San Martín. I am part of the Cientific Comitee AMWC LA. Allergan and Aptos' speaker.



COLI Federica, In 2009 She graduated in School of Esthetics and Anatomy of human body Reali Pascal, Florence (Italy) with: - basic aesthetics: hair removal, face / body treatments -Medical Vodder massage - use of some aesthetic devices -basic anatomy of the human body Since 2016 She became assistant to Prof P.Bonan activity as ESLD Key Officer, EADV Laser Task Force Key Officer, In Charge of Laser Cutaneous Cosmetic & Plastic Surgery Unit at Villa Donatello Clinic(Florence) Devices trainer



COTOFANA Sebastian, Anatomist, M.D., Ph.D. Associate professor of anatomy in the Dept. Clinical Anatomy (Mayo Clinic College of Medicine & Science, Rochester, MN), Honorary Prof. (Pirogov Russian National Research Medical Univ, Moscow, Russia), (Visiting prof (University of Belgrade, Serbia), he teaches anatomy, embryology & histology to 1st-yr medical students, residents and health care profession students and focus on advanced clinical anatomy for health professionals, residents and physicians.



CRABAI Piero, Plastic Surgeon Italy and Dubai. Degree at the University of Milan and Grenoble in Plastic Surgery. Dr Crabai is a highly experienced board certified plastic surgeon, He has been the International speaker of the most important Italian and International Companies for Medical Aesthetic, laser products and biotechnologies. Actually he is the main trainer for BIOSCIENCE Company Hyacorp (Germany). He has been speaker in Europe Russia North and South America and Asia.



D'ALESSIO Patrizia, Pr Dr P d'ALESSIO MD PhD CEO AISA Tx, international expert mechanisms inflammaging and stress. Paris Universities : bio-guided research non toxic anti-inflammatory actives, mono-terpens. 2005 French Innovation Award and founder start-up AISA Therapeutics www.aisa-tx.com 3 patents EU US CN. 2009 EU FP7 RISTOMED trial ("healthy aging by nutrition"). 2015 AISA moleculeum® trademark med-cosmetic. 2019 new book L'inflammation Danglers TED-X at S3 Odéon https://youtu.be/Np2XTZmpE_Q



DALLE Claude, President of WOSIAM, Scientific Director of AMWC Monaco. International Speaker in Anti-Aging Medicine. Member of the European Academy of Sciences. Lecturer in Universities Diplomas (France, Italy...). Coordinator of the Preventiv & Anti Aging University Diploma (Paris H. Mondor). Editor-in-chief of Prime (International Aesthetic & Anti-Aging Medical Publication), Director of the Scientific Committee of Doxton Company, Upcare, Diagnostress. Consultant.



DAMREE Shameema, Dr. Damree, MD, MSc, MBBS is a triple board certified aesthetic medical practitioner (UK, Australia & Mauritius), specialising in regenerative aesthetic medicine and exosomes. Dr Damree trained in Orthopaedic Surgery prior to sub-specialising in regenerative medicine. Dr Damree is a KOL for ExoCoBio and is at the forefront of clinical applications of exosomes in cosmetic dermatology and hair loss. She has a prominent clinical practice in Harley Street, London, UK.



DAVIDOVIC Kristina, I am teaching assistant at University of Belgrade, Serbia; founder of national aesthetic society SESIAM and private clinic Rea Medika. I am national and international trainer and KOL for many brands in field of aesthetic. In the last several years I gave many lectures worldwide related to nonsurgical face rejuvenation and remodeling, complications, combined treatments, and social media influence, since our social network engage more than 100K real and active followers.



DAVIES Owen, Dr Owen Davies is Associate Professor in Regenerative Biology at Loughborough University, UK. He leads a multidisciplinary research group that seeks to develop biological nanomedicines for tissue regeneration and targeted drug delivery. His research primarily focuses on repurposing cell-derived nanoparticles termed extracellular vesicles (EVs) as complex biological therapeutics.



DAYAN Steven, Facial plastic surgeon published 150 articles, 5 books a NY Times Best Seller. Top Doc recognized. Founder of a medical research, marketing, education and aesthetic training company. Clinical Asst. Prof Univ of Illinois. Elected position in Facial Plastic Surgery society. Editorial board of Archvs of Facial Plastic Surgery, Aesthetic Surgery Journal. Co-editor of Modern Aesthetic Magazine, Medical Editor of Facial Plastic Surgery Times, host the web series Aesthetic Insider.



DE FAZIO Stefania, Stefania de Fazio MD is a Board Certified Plastic Surgeon. She is Ex Co Member of SICPRE, the Italian Society of Plastic, Reconstructive and Aesthetic Surgery; SICPRE International Liaison with the American Society of Plastic Surgeons, ISAPS and Secretary of ISPRES, the International Society of Plastic Regenerative Surgeons. She is in AMWC scientific board and is very focused in training of Cosmetic, genital female aesthetic, Regenerative Surgery and Anti Aging Medicine.



DE FELIPE Y GARATE Inigo, Iñigo de Felipe is a Dermatologist trained in Spain. Already in 1995 he was a laser expert and was appointed medical consultant and director of several companies and medical groups. He was later specialized in Rejuvenation with fillers and Radiofrequency and has been lecturing and training extensively in more than 60 countries. He is author of more than 10 chapters of books and over 40 peer reviewed articles. He is presently working in Barcelona.



DE JAEGER Christophe, Christophe de JAEGER is one of the founder of anti aging medicine in Europe. He started his career as a geriatrician and he is actually professor of medical physiology at JNU and a specialist of evaluation and management of ageing in Paris, France. He is the author of many articles and several books on aging management. He is an international speaker and his works focuses principally on age improvement. He's head of the Longevity Medical and Physiological Institute in Paris.



DE MAIO Mauricio, Dr Mauricio de Maio is a plastic surgeon who graduated in Medicine from the University of Sao Paulo, Brazil, in 1990. He received his Master of Medicine degree in 1999 and Doctorate of Sciences in 2006, both from FMUSP. In 2015, Dr de Maio created the MD Codes™ and has become a leading voice in injectables and non-surgical procedures. He conducts extensive educational programmes globally and has authored several medical books and clinical papers. ALL-ABBV-220077| March 2022



DELL'AVANZATO Roberto , Specialist in Surgery with an University Master in Aesthetic Medicine and Surgery; Professor of Laser and Laser Assisted Liposuction at S. Marino University; Honorary Member of the Israel Academy of Beauty; Certificate of Merit awarded from the Combined Military Hospital of Islamabad for humanitarian services; American Society of Plastic Surgeons Member; Italian Society of Plastic Reconstructive and Aesthetic Surgery Member; EUFOTON Global KOL and Medical Scientific Director



DELMAR Henry, Henry Delmar MD, is Plastic Surgeon. In 2009, he was President of the French Society of Aesthetic Plastic Surgeons. In 2011, he founded the Clinique Del Mar dedicated to aesthetic medical treatment and functional medicine. Dr Delmar has an extensive experience in facial rejuvenation, breast surgery & fillers. Member of the main plastic surgery society, he is the author of hundreds of publications & communications.



DHILLON Benji, Dr Dhillon is the Founder and Medical Director of Define Clinic, UK and is a Global KOL for a number of aesthetic companies. He has held dermal filler masterclasses and presented at numerous congresses around the world. Notably he has also served as the medical director for Allergan across Europe, Africa and the Middle East. As well as having overseen phase 4 aesthetic clinical research he has also authored reports for leading medical journals.



DIERCKXSENS Cathy , Obtained her medical degree at the Free University of Brussels (VUB), where she graduated Magna cum laude, she completed her dermatology residency at the University Hospital UZ Brussels. In 2000, she started her private dermatology practice, and she now works full time as laser and cosmetic dermatologist in the heart of the European quarter of Brussels. She is a Key Opinion Leader and a regular speaker at national and international conferences.



DIERICKX Christine C. , Christine Dierickx, MD is a dermatologist and founder of Skinperium, a private practice specialized in laser surgery ad cosmetic dermatology. She was an Instructor at Wellman Labs, Harvard Medical School, Boston. She received the Vasant Orwal Oration of the British Medical Laser Society and the Leon Goldman memoriam award by the American Society of Laser Medicine and Surgery. Her research includes laser surgery, peelings, injectables, toxins and photodynamic therapy.



DIJAK David , Aesthetic Medical Doctor, resident of plastic, reconstructive and aesthetic surgery, a Harvard postgraduate student in nanotechnology and bioengineering studies. He has extensive education in minimal invasive disciplines such as mesotherapy, morphological and anti-aging medicine and injectable applications.



DONATINI Bruno, Bruno Donatini graduated in gastroenterology and immunology (1991). He graduated in anti-aging in 2009. He developed expertise in small gut dysbioses by breath testing, sonography, elastometry and detection of herpes virus DNA. He investigated the consequences of dysbiosis on vagal nerves or on hyaluronic acid destruction, which may lead to aging, dysimmunity or even malignant transformation of stem-cells.



DOREIAN Simone , Dr Simone Doreian MBBS (Hons) FCPA FRACGP DRANZCOG holds a Fellowship of Cosmetic Medicine and directs Dr. Simone Doreian Private Clinic in Melbourne, Australia. Dr. Doreian is a KOL/thought leader and on advisory boards of Galderma, a CPCA education consultant, is an Fellow and Examiner for the Royal Australian College of General Practitioners and holds a Dip.Obs Gyne She is respected international lecturer in Aesthetic Medicine specialising in injectable treatment.



DOURTHE Olivier , Dr. Olivier Dourthe has accomplished his Medical Board as a Paris Hospitals resident. Since 1993, he has provided guidance and treatment for people who are in search of health or Sport performance through nutritional concepts like oxidative stress, pollutants and micronutrients and physical exercising. In addition, he has collaborated on Nutrition with chefs cook and has a top level sport practice and training experience. Specialisation: MD, Neurosciences



DRISCOLL Megan , Megan Driscoll is the CEO + Founder of EvolveMKD, a public relations and digital marketing agency based in New York City. She has 20 years of experience in the healthcare, beauty and lifestyle categories. Megan is widely recognized for her work, being honored as one of 12 women chosen for The Ernst and Young Entrepreneurial Winning Women class of 2018 and the first ever recipient of the Early Career Achievement Award from her alma mater, the University of Chicago.



DUNCAN Diane, Dr. Duncan is an internationally known innovator and educator. She is a member of the ASJ editorial board and publishes internationally. Dr. Duncan is a board member and coordinator of the lasers and EBD department of IMCAS Academy. In addition to optimizing surgical procedures, she is developing a microinjectable chemo/ bioresurfacing program. Noninvasive restoration of skin, adipose stroma, and muscle is a current research project. She'd love to hear from you.



DUNTAS Leonidas , Professor Leonidas H. Duntas, M.D. Prof. Leonidas H. Duntas (Athens, Greece) is endocrinologist and head physician of the Unit of Endocrinology, Metabolism, and Diabetes at the Evgenidion Hospital, University of Athens. As a dedicated expert on thyroid diseases, his research mainly focuses on their clinical aspects in aging and the influence of nutrition and environment. He is currently the Secretary of the European Thyroid Association and Chair of its Public Health Board.



DURAIRAJ Kay, Dr. Kay Durairaj is a Los Angeles-based head and neck surgeon who runs a popular Instagram @beautybydrkay and iTunes podcast with an international following. She specializes in facial contouring and surgery & Sculptra augmentation. Dr. Kay has developed an acclaimed symposium: Modern Aesthetic Theory & Artistry with online training modules for all level injectors. As an artist and a surgeon, she believes in the science of beauty and wants to share her approach globally.



ESTRADA Zuramis , Obstetric and Gynecologist physician, Urogynaecologist, Aestheticgynaecologist. Expert in pelvic floor disorders. Master of Senology. CEO & Founder at Advanced Center, CIMEG Madrid. Gynecologist and Head of Pelvic Floor section at Southeastern University Hospital. President of ISGAR Society and Vice-Chair of SIG Cosmetourgynecology of IUGA. National Awards of Medicine 2019 . National and International speaker about Regenerative Medicine in pelvic floor disorders.



FABI Sabrina, Sabrina Fabi, MD is a board-certified Dermatologist & Volunteer Assistant clinical professor at UCSD. She is an associate research director at Cosmetic Laser Dermatology & involved in numerous clinical trials. She authored over 150 articles and 20 book chapters in Aesthetic Dermatology, and has lectured in over 38 countries in both Spanish & English. She is a recipient of the Patient's Choice Award, Compassionate Doctor's Award, Doctor's Choice Award, & Realself 100 Award.



FANIAN Ferial , Dr Ferial FANIAN MD PhD, Dermatologist and expert in cutaneous imaging is the Board member of the ICNI group of the French Society of Dermatology. She holds a Ph.D. in life sciences from the University of Franche Comté, France with a thesis on effect of Phenytoin on vitiligo melanocytes. She is the co-editor of the textbook of « Agache's Measuring the Skin ». She is also author of several chapters in different dermatologic book and reviewer of several journals.



FANTOZZI Fabio , MD, graduated from Rome's "La Sapienza" University, he also completed his residency in general surgery at this university. Dr. Fantozzi went on to complete a plastic surgery residency with Prof. Ivo Pitanguy at Carlos Chagas University in Rio de Janeiro, Brazil. This unique training gave Dr. Fantozzi hands-on experience that many other schools do not provide leading him the opportunity to work with some leading surgeons in the field of cosmetic and reconstructive surgery.



FARGHADANI Hirsa , Doctorat UCL Bruxelles en médecine Générale Maître de stage et maître de thèse à l'université de Luxembourg depuis 2005 Nutritérapie (Namur juin 2014) DIU de pédagogie médicale (Nancy 2013) DIU psychiatrie et compétences transculturelles (Paris 2016) University Master of Facial anatomy (2017 Nice) Fundamentals of Neuroscience (Harvard 2018) Cell biology of Mitochondria (Harvard 2018) Membre Association Française de Médecine morpho-Esthétique et Anti-âge



FARJO Bessam , Fellow & Past President of the International Society of Hair Restoration Surgery, Past President and co-founder of the British Association of Hair Restoration Surgery, Diplomat and Past Board Director of the American Board of Hair Restoration Surgery, and Fellow and Past Board Governor of the Institute of Trichologists. Joint recipient of one of the highest awards in hair restoration surgery, the ISHRS Platinum Follicle, for his work in hair loss and hair biology research.



FARJO Janan , Managing Director for Farjo-Saks Ltd, a distribution company for non-surgical and prescription hair loss treatments



FASOLA Elena , MD and Specialist in Microsurgery at the University of Milan, graduated at the Institute of Aesthetic and Reconstructive Gyn in Florida. Director of GYPLAST Med Inst in Milan. Professor at Agora in Milan, Valet in Bologna and at the school of Fatebenefratelli Fondation in Rome, Member of Scientific Committee of SIME. General Secretary of AIGEF. Rapporteur, moderator and head of the session at the main national and international congress on Aesthetic Medicine and Surgery, since 2006



FATEMI Afschin , Dermatologic Surgeon. Founder, CEO and Medical Director of S-thetic Clinic Group Germany. He developed surgical instruments and treatment techniques. Holder of patents in the field of medical and aesthetic technologies. Author. International speaker and live surgeon.



FEDCHUK Mariya, Dermatologist, Kiev, Ukraine, specializing in medical aesthetics and anti-aging preventive and regenerative medicine. Founder of "DR. FEDCHUK Premium Anti-Aging". She has more than 16 years of experience in aesthetic field. Being a Member of numerous international associations, Scientific Advisor and Brand Ambassador for several international companies she gives inspirational lectures on her great passion - complex integrative therapeutic approach.



FERRARI Eleana, Dr.Ferrari is a medical doctor at the Limassol General Hospital Cyprus with diverse life experiences, gained from living and working in the UK, in Italy and Cyprus. Dr. Ferrari has also competence and background in nutrition having completed a Master of Science in Nutrition, Physical Activity and Public Health from the University of Bristol and in Medical Biochemistry having completed a Bachelor of Science in London.



FISCHER Tanja , With a certified allergologist and Dermatologist/Venerologist and a degree in Aesthetic Laser Medicine, Dr. Fischer is since 2006 the Medical Director at Skin and Laser Center Potsdam / Berlin. Since 2012: President of the German Speaking society for aesthetic medicine and education (DGAuF) and of the DFAUF Working Group ISA4C .



GEARY Natalie, Founder of the multi award winning Light Touch Clinic London, Dr Natalie Geary has an international reputation for excellence and patients travel from across the world to be treated by her. Highlighting her enviable reputation as an Aesthetics Doctor, Natalie is often requested by various media channels, be that through national press or television to give her expert opinion on the Aesthetic industry.



FISTONC Ivan, Assist. Prof. at the Medical School University of Rijeka, Croatia Prof. at the University of Applied Health Sciences, Zagreb, Croatia Senior research fellow at the Medical School University of Zagreb, Zagreb, Croatia Founder of the Croatian Menopause Society Advisory Board member at the European Menopause and Andropause Society (EMAS) Pioneer in non-invasive laser therapy of the stress urinary incontinence and vaginal relaxation syndrome.



GENNAI Alessandro , Plastic Reconstructive and Aesthetic Surgeon, graduated in Aesthetic Medicine. Medical Director of the STUDIO GENNAI Plastic Surgery and Aesthetic Medicine Center in Bologna, adjunct professor at the Univ. of Naples, Scientific Director of the It. Association for Autologous Regenerative Therapy (AITAR) and full member of: AICPE (Italy), EAFPS (Europe), SIME (Italy), AAAM (USA). Creator of original techniques in the field of plastic and aesthetic surgery.



FOUMENTEZE Jean-Paul, Dr Jean-Paul FOUMENTEZE is an Aesthetic Physician in Nice, France Exclusive practice of Aesthetic Medicine for more than 25 years Inter-University Diploma of "Anti-Aging and Morphological Medicine" (Paris University of Medicine) Lecturer at the University of Medicine of Paris since 2009 Specialist of suspension threads since 2002. Inventor of Infinite-Thread.



GENTILE Pietro , ASSOCIATE PROFESSOR of Plastic and Reconstructive Surgery, Surgical Science Department, at the University of Rome "Tor Vergata", Italy; Ph.D. in Regenerative Surgery; TOP ITALIAN SCIENTIST (H-index > 31). GEV-ANVUR-VQR 2015-2019



FOURNIER Nathalie , MD, International well trained dermatologist practicing only lasers and aesthetic medicine since 25 years in private clinics in France and in the Middle East; running her own private laser center nearby Montpellier in France. Course director, Researcher and lecturer in national and international meetings on toxins, fillers and energy based devices; conducts clinical trials for industry in energy based devices.



GINTER Serge, Serge Ginter is a MD in Gynecology, Fertility and Wellaging. He founded in 1997 a private clinic for gynecology and reproductive medicine in Luxembourg. He is founding member and chairman of Luxembourg AntiAging Society (SLAM), chairman of Académie Européenne de Reproduction Humaine (AEHR), Geneva. Dr. Serge Ginter has extensive experience in assisted reproductive techniques and surgery. Other medical interests are scientific research in Wellaging Medicine.



FRANCESCHELLI Antonella , Board certified doctor, specialized in internal medicine and aesthetic medicine with a PhD in clinical nutrition. Member of the Specialist Certification of Obesity Professional Education in Cambridge, I practice at my private surgery and at the Aesthetic Medicine Clinic of the Fatebenefratelli Hospital. I am a teacher and trainer at the International School of Aesthetic Medicine since 2007 and for private companies in the medical aesthetic industry.



GOLDIE Kate, Dr Goldie has been an Aesthetic Physician for 14 years and is the Medical director of European Medical Aesthetics Ltd one of Europe's largest training companies where she has overseen the training of over 4000 medical professionals. She regularly lectures globally, teaching medical aesthetics in over 45 countries, with a special interest in applied anatomy. Dr Goldie has private practices in London's Harley Street and Henley on Thames, England.



FRIED Adeena , Adeena Fried is an award-winning communications professional with over 20 years of experience in healthcare, aesthetics and plastic surgery. Adeena has implemented strategic campaigns for multiple FDA approvals, built a dynamic blogger program, developed the most used plastic surgery procedural statistics database, planned and executed a full variety of public relations activities and carried out a variety of non-traditional public relations activities.



GONZALEZ ISAZA Pablo, OB-GYN Residence Program 2009. Head Chief Unit Of Female Pelvic Medicine Urogynecology And Minimally Invasive Surgery Hospital Universitario San Jorge Pereira Colombia. Cosmetic Gyn Pioneer In Colombia. Founder And President Asociación De Ginecólogos Estéticos Colombianos AGEOC. Author of important articles and book chapters related to Cosmetic Gynecology. Trilingual (Spanish-English-Italian) aesthetic Gynecology expert and pioneer on the use of laser in Gynecology .



FRITZ Klaus , Founder of Dermatology&Laser Center,director of ConDerm consulting Associate Univ.-Professor @ Univ. "Carol Davila"(Ro),President of the German Academy of Dermatology ESCAD Secretary general, ESLD - past President , EADV – past board member and committee chair Member of SAB, editor, editorial board numerous peer reviewed journals, guideline com.+ intern. societies. International speaker, President and Board of congresses (5CC,DERM,DERM Alpin, EADV) >400 publications



GORSIC KRISPER Masa , Maša Goršić? Krisper finished her PhD in Biochemistry and Molecular Biology in 2008 on Faculty of Medicine at University of Ljubljana. Since May 2011 she works in Fotona d.o.o. where she is involved in conducting clinical studies, laser application research and development as well as training and education of laser system users. Since 2016 she is a director of LA&HA Institute and the Dermatology and Aesthetic program manager in Fotona, Ljubljana.



FUNDARO Salvatore, Salvatore Piero Fundarò is an aesthetic surgeon practicing in Bologna and Modena Italy. He is Founder and President of Research Center for Injectable Safety (R.C.I.S) and Founder and Treasurer of Associazione Italiana Trattamento Estetico Botulino (A.I.T.E.B.) and Vice-President of Società Italiana Medicina e Chirurgia Estetica (S.I.E.S).



GOUT Uliana, Dr Uliana Gout is the founder of London Aesthetic Medicine Clinic & Academy. Dr Gout is a passionate, renowned global educator and trainer within the field of Aesthetic Medicine. She is the President of the British College of Aesthetic Medicine (BCAM). Dr Gout is the Scientific Director of FACE Congress London. Dr Gout has co-authored numerous medical textbooks on Aesthetic Medicine procedures. She also sits on the Board of the International Peeling Society.



FUNIKOVA Anna , I am dermatologist and founder of Medical Community Clinic chain, Medical Community Beauty chain, and Ukrainian Medical Aesthetic Academy. Through years I have gained experience on the field of dermatology, dermatocology, cosmetology and aesthetic medicine. Thousands of my students gained opportunity to start their career on the field of aesthetic medicine, and thanks to constant mentoring became well-known practitioners.



GRIMALT Ramon , Ramon Grimalt, MD, PhD Licensed in Medicine and Surgery (1989), Specialist in Dermatology (1994), Doctor (PhD) in Medicine and Surgery (1995) and Assistant Professor of Dermatology at the University of Barcelona (2000) and Associated Professor, Senior Lecturer and Coordinator Professor of Dermatology at the Universitat Internacional de Catalunya (2012) He has trained in the University of Barcelona (Spain), University of Illinois (USA) and Università degli Studi di Milano



GALADARI Hassan , An American board certified graduate of the Boston University/Tufts University dermatology program, Dr. Galadari completed a dermatologic surgery and laser fellowship in the University of California-San Francisco. He currently works as an Assistant Professor of Dermatology in the UAE University. His major area of expertise is soft tissue augmentation, having written numerous book chapters and scientific articles, in addition to lecturing and running workshops internationally.



HAGLUND Pyra, Medical doctor. Trained in plastic and general surgery. Founder of Stureplanskliniken. International speaker and trainer in chemical peels, fillers and botox.



GAMBACCIANI Marco , Dr Gambacciani is the Director of the Menopause Clinic, at the San Rossore Clinical Center, Pisa. He published more than 180 papers in peer reviewed journals. He obtained the Teacher Certification as Full Professor in Obstetrics and Gynecology. He has been faculty and invited speaker worldwide. He is the Secretary of the Italian Menopause Society; Secretary of the Vaginal Erbium Laser Academy; Member of the Board of European Menopause and Andropause Society



HAKIME Antoine, Is a Interventional Radiologist in Paris, France. head of department of interventional Radiology Part time Consultant, Department of Interventional Radiology (oncology), Institut Gustave Roussy ,Pr De Beare, Villejuif, France. Consultant, Department of Interventional Radiology, Royal London Hospital, London, England. Fellowship at Harvard Medical School



GASPAR Adrian , OB/GYN specialist, cosmetogynecologist. Owner and director of the Espacio Gaspar Clinic of Gynecology, Anti-Aging and Bioregenerative Medicine in Mendoza, Argentina. With many awards worldwide due to his pioneering research in the use of lasers for vaginal and urethral treatments, and for being a pioneer in the use of carboxytherapy and prolotherapy in Gynecology. Member of several eminent medical societies and president of SOLAGEF.



HART-DAVIS Alice , Alice Hart-Davis is the founder of The Tweakments Guide, a content platform that provides independent information about non-surgical cosmetic procedures and effective skincare, and lists highly rated practitioners in the UK. As an award-winning journalist, Alice has been reporting on and reviewing non-surgical procedures and skincare for 20 years. Her latest books are The Tweakments Guide: Fresher Face and The Tweakments Guide: Start with Skincare.



HAYKAL Diala, Graduated in anti-aging morphological medicine and medical lasers in Paris, and in aesthetic medicine from the American Academy of Aesthetic Medicine, Dr. Diala HAYKAL has at heart to bring the most adequate treatment to each patient thanks to precise diagnostic tools, for optimal results.



JAHLAN MATKOVA Marina, Marina is Monaco based private wellness provider. After graduation of 6 years program at the Rehabilitation faculty in Medical Academy, she received a M.Sc. Health & Nutrition. Her passion in biochemistry led her to dive deeper in mood hormones - neurotransmitters, heavy metals and microbiota screening. Taking a trail of trendy biohacking she received Harvard's diploma in Neuroscience and follows all latest discoveries in functional, integrative and preventive medicine.



HEDEDEN Per, MD, associate professor in plastic surgery, and founder of Akademikliniken in Stockholm. Dr Hedén has published many scientific articles and medical textbooks and is a member of several national and international plastic surgical societies. He is one of the first plastic surgeons in the world to use of Botulinum toxin and Hyaluronic acid fillers and has developed several new techniques applying to the use of breast implant devices.



JAKLIS Antoine, Dr A. Jaklis is an Associate professor of OL-Head and Neck surgery and Facial Plastic Surgery at Saint Georges Hospital university medical center, Beirut, Lebanon. Specialized in head and neck tumor surgery and maxillofacial and facial plastic surgery in Montpellier and Nice University Hospitals in France. Owner and CEO of "Before and After" cosmetic clinic in Beirut. He performed more than 5000 facial plastic surgeries and 20000 office cosmetic procedures.



HERMENEGILDO Isabel, Aesthetic Practitioner, Portugal. President of Gyneco-Aesthetic committee of SPME, Vice-president of SPGERF, International Faculty member of the American Aesthetic Association, creator of T-Shots, P-ARROW, registered Carboxytherapy trophic treatments in genitals. Invited lecturer in Creteil University DUMEG, Montpellier University-Nimes, lecturer in Juan Carlos University-Madrid and Universidad de Alcala. Member of: SEGERF, SPEGERF, IAAGSW, WARAG, LIAGREF, LIGA IREDOAMEDIANA



JANOVSKA Jana, Jana Janovska MD, dermatologist and anti-ageing specialist. Her PhD research is about skin photoageing in patients with metabolic syndrome. She has several international patents and develops anti- ageing compositions as well as creams for peroral and topical usage. Had practice in Austria, Paris, Czech Republic, Hungary, Italy and Germany. She is a lecturer at University. Her professional interests are: skin immune system, endocrinology, photo ageing and metabolic syndrome.



HERNÁNDEZ Claudia Andrea, Dr Claudia Hernández is a Colombian dermatologist graduated from CES University and Universidad Pontificia Bolivariana, recognized as a beauty insider and skincare influencer of the region, key opinion leader in facial, body rejuvenation and technology.



JOVANOVIC Tomislav, Professor of medical physiology, medical school Belgrade. Specialist of 1. clinical physiology 2. sports medicine. Sub-specialist of hyperbaric medicine and balneoclimatology. President of the anti-ageing association of Serbia. Chief of the department of physiology for both under and post graduate studies. Vice-dean for post-graduate studies and specialisation. Ex-minister of education, science and technological development. Vice-president of the European academy of science.



HOO Anna, Dr Anna Hoo is an aesthetic physician who attained an MD from the University of Science Malaysia and received her fellowship training in Dermatologic Laser Surgery at Mahidol University, Bangkok, Thailand. She is the founder and medical director of the Anna Hoo Clinic, Kuala Lumpur, Malaysia. Dr Hoo is an international trainer and board-certified doctor of the American Academy of Aesthetic Medicine. ALL-ABBV-220077| March 2022



KAJAIA Albina, MD, Dermatologist in Tbilisi, Georgia. Chief of the Dermatology Department of Clinic. Scientific Director and founder of the Congress "International Caucasian Congress -Kolkhida". Published 9 scientific papers, 4 of them in leading international journals. The winner of the "Art of Beauty" awards for aesthetic medicine. Honour member of Italian Society of Beauty. Certified international trainer, expert of Aptos Thread Lifting Methods. Certified trainer of Allergan.



HOUSHMAND Elizabeth, Dr. Elizabeth Houshmand is a double board certified dermatologist specializing in cutaneous laser surgery and the dermatologic care of patients with a special interest in Cosmetic Dermatology, General Dermatology, acne, and skin cancer. She is fluent in English, Spanish and Farsi and enjoys utilizing her skills in providing optimal care for her patients of many diverse backgrounds.



KALITERNA Dinko, Dinko Kaliterna is specialist dermatovenerologist. In 2004, he founded a private polyclinic in Zagreb, Croatia. His focus are dermatological problems and diseases, noninvasive esthetic procedures for the face and body. Areas of special interests are aesthetic-corrective procedures, cosmetology, cellulite, anti-ageing medicine and laser application. He works as luminary for Almalasers. He has invented rejuvenation of the face through the mouth with the fractional CO2 laser in 2015.



HSU Chao-Kai, Dr. Chao-Kai Hsu is currently an Associate Professor in the Department of Dermatology of National Cheng Kung University Hospital, Tainan. He has been a research fellow in the Department of Dermatology, Hokkaido University Graduate School of Medicine, Japan (Feb-Apr, 2008) and St John's Institute of Dermatology, UK (Dec 2014 to Dec 2016). He has a dermatopathology and molecular genetics background, and currently works on blistering disorders, genodermatoses and keloids.



KANE Michael A. C., Is a Plastic Surgeon in private practice in New York, USA. He is board-certified by the American Board of Surgery and the American Board of Plastic Surgery. He is a member of many professional organizations including the American Society of Plastic Surgeons (ASPS), the American Society of Laser Medicine and Surgery, and the American Society for Aesthetic Plastic Surgery. Dr. Kane has over 100 publications and is the author of 3 books.



HUANG Yau-Li, I, Henry Yau-Li HUANG, am a dermatologist from Dept. of Dermatology in Chung Gung Memorial Hospital and a chief attending in Aesthetic Medical Center of Taipei CGMH in Taiwan. I major in aesthetic dermatology, procedure dermatology, liposuction, fat injection, hair transplantation, and blepharoplasty. Recently, I am interested in using real-time imaging of vein detector (trans illumination) and ultrasound for fillers injection and aesthetic dermatology precisely and safely.



KANODIA Raj, Dr. Raj Kanodia is a leading Plastic Surgeon in Beverly Hills for Rhinoplasty and Facial Beautification. "Doc Hollywood the man that A-listers turn to in their search for perfection." - Vogue. "THE KING of the Hollywood nosejob." - Elle. He formulated an "Ayurvedic" skin care line and launched a unique skin rejuvenation system - "Beauty Inside Out". Using an Indian Gooseberry fruit (Amla), he formulated a topical serum + moisturizer and an oral supplement for anti-aging.



HUMPHREY Shannon, Dr. Shannon Humphrey is a world-renowned dermatology expert, prominent clinical trialist, and well-known for her holistic approach to cosmetic medicine. She has played a pivotal role in the development of some of the world's most effective treatments. Dr. Humphrey is a passionate believer in an evidence-based approach, reinforcing this through her work as a Clinical Assistant Professor in the University of British Columbia's Department of Dermatology.



KARPOVA Elena, She is a Plastic Surgeon in Moscow, Russia.



HUMZAH Dalvi M., Consultant Plastic Surgeon. He was Tutor for RCS, an examiner for the MRCS & Regional Advisor for the RCPS Glasgow. He is a Key Opinion Leader for the Aesthetic Sector and actively teaches and lectures nationally and internationally. He is Director & Lead Tutor of DH Aesthetic Training and an international educator teaching Anatomy and techniques for Aesthetic practitioners through www.dhaesthetictraining.org. This has won the Aesthetics Award for six consecutive years.



KATSIMPARDI Lida, Lida Katsimpardi is a specialist in biology of aging and neural stem cells. After a PhD from the University of Montpellier, France, she trained at Harvard University, Boston, USA where she demonstrated that the young blood contains specific factors that can rejuvenate the aged mouse brain. She then returned to France, at Institut Pasteur where she identified youthful blood factors and further identified their role in aging and rejuvenation. She is tenured at Inserm, INEM.



IBANEZ Ivan, Faculty of Medicine, University Autònoma de Barcelona. Specialist in Anti-Aging Medicine (University of Charleroi, Belgium). Graduated in Advanced Studies (Dpt. of Physiology, Barcelona University). Master in Experimental Biology (University of Barcelona). Master in Physical Exercise and Rehabilitation (University of Canarias). President of ESCAR "European Society of Calorimetry & Respirometry". Director of Anti-Aging & Longevity Medicine Máster (University of Barcelona)



KEMP Paul, Paul is CEO of HairClone, developing cell based treatments for androgenic alopecia. He has over 30 years' experience in the commercialisation of Cell Therapy products and was lead inventor on patents for Apigrif, the first multi-cell therapy approved by the FDA which has treated over 2 million patients in the US with chronic ulcers. Paul was the sole founder of Intercytec Ltd. where he carried out the world's first cell therapy clinical trial to induce new hair formation.



INGALLINA Fabio, Fabio Ingallina, MD. Plastic Reconstructive & Aesthetic Surgeon. He practiced in St. Anne Hospital and in Mondor Hospital (Paris), where he participated in the "face transplantation project". Fellowship in the Universidade do Estado do Rio de Janeiro. In the last nine years he has directly organized several anatomy dissection courses and facial volumizing injections masterclass. Author of the new book: Facial Anatomy & Volumizing Injections (www.3aface.com).



KERSCHER Martina, Martina Kerscher is Professor of Dermatology and serves as Head of the Division of Cosmetic Sciences, University of Hamburg, Germany. She is a world expert in aesthetic dermatology and is regarded as an advocate of evidence based research in minimally invasive procedures, fillers and toxins. She conducts clinical trials (Phase I - IV) on toxins, fillers as well as cosmeceuticals and pharmaceuticals and has been working in aesthetic dermatology since more than 15 years.



KESTEMONT Philippe, Facial Plastic Surgeon in Nice, France. Surgeon attached to the Nice University Hospital, Maxillofacial Surgery Department. He is specialized in face and neck surgery. Dr Kestemont is member of SFCERFC (French Society of Aesthetic and Reconstructive Surgery of face and Neck), EAFPS (European Academy of Facial Plastic Surgery) and other societies in the field of aesthetic surgery.



LEPORATI Massimiliano, In 2008 he graduated in Medicine at the University of the Studies of Parma, with a score of 110/110 e lode. On the 17th of July 2014 he obtained a specialization in Maxillo-Facial Surgery , Head and Neck Department, University and Hospital of Parma with a score of 50/50 e lode . In February 2019 he obtained the specialization in Plastic and Reconstructive surgery at the prestigious Ivo Pitanguy Institute of Rio de Janeiro with a score of 10/10 .



KHANNA Bob, Reconstructive Cosmetic Dental Surgeon in the UK. Appointed Professor of Facial aesthetics (University of Seville, Spain). He runs a very successful clinic and Training Institute in Reading, England. Internationally renowned as a leading lecturer, trainer and expert in aesthetic medicine. Globally, he has trained thousands of Doctors, Dentists and Plastic Surgeons in non-surgical facial aesthetics and has pioneered many techniques for full facial sculpting techniques since 1997.



LETNIKOV Aleks, A. Letnikovs MD, Sports Medicine, Occupational Medicine, Family Medicine, Preventive Medicine. Had extensive experience in Preventive, Anti-aging and Regenerative Medicine. Works as a private doctor for VIP patients in Europe, UK, USA. Founder & leader of the company "Dr. Letnikovs Longevity Medicine". Has partnerships with international clinics & Labs. Completed the program Preventive Medicine in Germany (2014). Lecturer at international congresses & work shops.



KINNEY Brian, Clin Assoc Prof, USC, Brd Cert Plas Surg. Past Brd Mem, Chair Brd Trustees, ASPS; Pres, Plas Surg Found. Co-founder, Treas, Brd ISPRES. >50 papers, co-edited textbooks, chapt, >800 lectures, >40 countries. Mult startup co and/or, co-founder; past/present Med Director, Board Mem, spker/consultant AAT, Thermi, Motiva, Renuvion, CellMyx, Venus Concept, Allergan, Merz, BS, MS Mech Eng, Harvard/MIT Health Sciences Tech prog. MD Tulane, Gen/Plas Surg, UCLA, Assoc Ed, Aesth PI Surg



LEWIS Wendy, Founder/President of Wendy Lewis Co Ltd Global Aesthetics Consultancy since 1997, marketing communications boutique in New York specializing in beauty, aesthetics, wellness, Wendy is on the Editorial Board of Prime Journal and contributes to Practical Derm and Modern Aesthetics. A speaker at conferences and webinars, her 'Aesthetic Clinic Marketing in the Digital Age' (Taylor & Francis) book has a 2nd edition coming, and a new book from Theme will be out in 2023.



KLEINE GUNK Bernd, Prof. Dr. med. Bernd Kleine-Gunk is Head of Department of Gynecology, Metropol Medical Center, Nürnberg. He is practicing gynecological Endocrinology as well as nutritional medicine. Since 2009 he is President of the German Society of Anti-Aging Medicine (GSAAM), Editor in Chief of the Medical Journal "Gynecology and Obstetrics", author of more than 150 scientific publications and publisher of the first German medical textbook on Anti-Aging Medicine.



LIM Ting Song, Dr. Tingsong Lim actively involved in many academic research and trainings in Asian facial and body aesthetics, clinical application of fillers' rheology, facial overfilled syndrome, pigmentary disorders, laser medicine and regenerative medicine. Graduated from Tohoku University School of Medicine under the Monbusho Scholarship, Dr. Lim speaks 4 languages (English, Mandarin, Malay, Japanese) fluently. He frequently speaks and conducts training regionally and internationally.



KONTOES Paraskevas, - ISAPS Membership Chairman and Board Director -ISAPS Visiting Professor -Professor Medical School University of Liege -Editorial Board member of APS Journal -Director Plastic Aesthetic and Laser Surgery Dept. "Hygeia" Hospital, Athens, Greece -Specialist Plastic Surgeon, European Medical Center & Aesthetic Surgery-Dubai, UAE -President DrK Medical Group -Author: "State of the Art in Blepharoplasty. From Surgery to the avoidance of complications" Springer 2017



LIN Shang-Li, Dr. Lin, a board-certified dermatologist and a renowned speaker in aesthetic medicine in Taiwan, founded Shangli Dermatologic & Aesthetic Clinic in Taipei in 2009 and has been giving lectures and training sessions in numerous global conferences and workshops for years. He won the best case in nonsurgical facial rejuvenation in 2015 at AMEC. Currently, he is one of the mostly requested and invited speakers in the fields of injectables, laser and energy-based devices worldwide.



KRAMER Eyal, A certified plastic surgeon from Israel. Owner of a leading private clinic in Tel Aviv. Main interest is facial esthetics. - Croma – KOL for threads - IPSEN – Dysport – LCM Israel - IBSA Derma – KOL international - Alma lasers – LCM Israel - Ulthera – KOL Israel - former KOL of Allergan Inc. Dr. Kramer is giving presentations and hands on sessions all over Europe and Asia.



LIPKO-GODLEWSKA Sylwia, Sylwia Lipko-Godlewska MD, PhD is specialist in Dermatology and Aesthetic Dermatology. She completed her doctorate thesis at the Jagiellonian University, Cracow, Poland. She has extensive experience in fillers, botulin toxin and chemical peels. She is Member of: Society of Polish Dermatologist, Society of Polish Aesthetic Dermatologist. She is author of 30 publications and many congress presentation. She is dermatological consultant for several cosmetic companies.



KRAUSE Mario, MD, is International expert in holistic preventive and anti aging medicine, based in Hannover, Germany. Specialization in stress medicine, environmental medicine and homeopathy. He is Founder of the German Center of Personalized Prevention and Optimization (DZIP), Founder of the World Medical Spa Association and Medical Director of the European Society of Preventive, Regenerative and Anti Aging Medicine (ESAAM).



LIPP Stefan, Graduated with a Ph.D. in Medicine from the University of Frankfurt. Worked as a fellow doctor in the General Internal Medicine at Goethe University before shifting his focus to aesthetic medicine. He continues to develop his interest in aesthetics injections and shares his expertise through lectures for various world renowned institutions. More than 15 years in his own private clinic focusing on minimal invasive aesthetics brought him large experience in injections.



KWON Han Jin, is Aesthetic Dermatologist & Surgeon, currently President of Dermaster Clinic Network. President of International Aesthetic Medical Association and Medical Alopecia Association of Korea. Dr. Kwon is also Professor of Seokyoung University, College of Beauty & Cosmetics. He is member of several prestigious scientific associations.



LLANO Francisco, he obtained his M.D. in the UNAM, he has post-graduate studies on Anti-Aging Medicine and Aesthetic Medicine in Brazil. In 2010 he was a PHD tutor, University of Messina. Italy Member of the World Association of Genomic Medicine. Prize to the Leader in Research and Health Sciences, for the Benefit of Mankind 2019, Medellín Colombia Doutor em Medicina Integrativa e Funcional by: Academia Interamericana de Ciências Médicas, y el Centro Universitario Estácio de Santa Catarina.



LALLY Kam, Dr Kam Lally graduated in Medicine from the University of Oxford and went on to complete an academic post with an Honorary Lectureship at the University of Leicester. He currently practices as a GP with an interest in medical weight management and Cosmetic Physician in the UK. He is the Royal College of General Practitioners National Aesthetic Medicine Lead. He is an international Key Opinion Leader for Teoxane, Hansbiomed and Novo Nordisk.



LOPEZ TALLAJ Luis, @lopeztallaj doctor in medicine from PUCMM 1995. Head of the Department of Plastic Surgery at the Corazones Unidos Clinic in Santo Domingo. Plastic Surgery at Santa Casa de la Misericordia, Rio de Janeiro in Brazil. Anti-Aging Medicine from University of Seville. American Society for Aesthetic Plastic Surgery, he was Chair of the International Committee from 2011 to 2016. Member of the ASPS and ASAPS, member of the United States Physicians Coalition for Injectables Safety.



LE LOUARN Claude, is a former House Officer and Chief Clinician, and is certified in Plastic and Reconstructive Surgery by Conseil de l'Ordre des Médecins (the French medical practitioners board). He is a member of several scientific societies in the field of Plastic and Reconstructive Surgery - S.O.F.C.P.R.E, S.O.F.C.E.P, I.S.A.P.S, A.S.P.S



MACEDO Luciana, Dr. Luciana Macedo is Dermatologist, full member of the Brazilian Society of Dermatology (SBD) * Head of Cosmiatry of the Dermatology Residency at Hospital Heliópolis - SP * Speaker at national and international conferences since April 2003. * Dr. Luciana is a medical trainer and a pioneer in the application of Visagism in Cosmiatry and is currently developing studies and research correlating Neuroscience and Visagism in the application of facial aesthetic procedures.



LEBBAR Noura, Noura Lebbar, MD is Aesthetic Surgeon. She is leading her private practice for Anti-Aging & Aesthetic Medicine in Milan, Italy since 2010. Dr Lebbar is a professor at University of Geova Italy at Aesthetic medicine master. She is trainer in injections filler techniques mesotherapy peeling and intralifting for Italian & international companies. She is member of the SIES Italian Society of Medicine and Aesthetic Surgery, is also American Anti-Aging board certificated ABAARM.



MAGALON Jeremy, Pharm D, is Biologist specialized in Cell Therapy. He holds a university degree in Regenerative Medicine and a Masters degree in Tissue, Cell and Gene biotherapies. During his residency, he principally works on autologous Platelet Rich Plasma therapy and his other medical interests are autologous Stromal Vascular Fraction, fatgrafting and Cord Blood Banking. He is now Hospital Practitioner in the Biotherapy Department at Necker's Hospital in Paris



LEE Won, Board certified Plastic Surgeon President of MIPS association



MAGISTRETTI Philippe Ludovic, Philippe Magistretti is one of Summit Clinic co-founders. He has been the Clinic's Chairman since its creation. He holds a federal doctor's degree and a doctorate in medicine from the University of Geneva. He practiced for several years in various Harvard affiliated hospitals. He received from the FMH (Swiss Medical association) the title of Practitioner in 2018 and became Board Certified in Aesthetic Medicine by the American Academy of Aesthetic Medicine in 2019.



MAIZETOVA Zulya, Dr Zulya Maizetova earned her Medical Doctorate from St Petersburg State Medical University. Pursuing her interest in anti-ageing and regenerative medicine she developed an integrated method for preventing and reversing age related conditions through advanced investigations and cell based therapies which are aimed at enhancing the body's own ability to restore optimal health. Dr Maizetova is renowned speaker on the topic of Functional, Regenerative Medicine and Genomics.



MANTZOURANI Theodora, Dr Theodora Mantzourani BSc, MD, MRCGP, MSc, DipNutMed is a GP Specialist in Endocrinology & Diabetes, Functional and Preventive Medicine. She is an expert in bioidentical hormones and their use in wellbeing, antiaging and cosmeceuticals. She teaches Functional Medicine on the DIU MSc and is a member of IFM and AAFARM. Scientific research: Reproductive Endocrinology. Her clinic is in London.



MANUSKIATTI Woraphong, MD, is Board certified dermatologist. Appointed since 2007 as Professor of Dermatology, Department of Dermatology, Siriraj Hospital, Mahidol Univ. (Bangkok, THAILAND). Among several expertises, he is well-known for being an expert in lasers and energy-based devices. He has over 60 articles published in peer-review journals and also invited speaker at many international dermatology congresses.



MARCHAL Alfred, is Pharmacologist, Chemist and marketing specialist and also Founder of Auriga International S.A. in Waterloo, Belgium. He started his carrier in organic chemistry research during 8 years, post university, working mainly on original pharmaceutical molecules. He is now consultant in AA and dermatology. He leads de R&D department of Alphascience SAS and Andromeda Laboratories SRL



MARCHETTI Francesco, MD, is Plastic & Reconstructive Surgeon in Rome, Italy.



MARINI Leonardo, Medical Director of The Skin Doctors' Center - Trieste (Italy), former President of ESLD and ESCAD, presently Chairman of the EADV Task Force for Laser Dermatology, is specialized in Dermatology and Venereology as well as General Surgery. He has been working in the area of Dermatologic Surgery and Aesthetic Dermatology for more than 25 years. After his medical degree at the University of Trieste Medical School, he trained in USA, Germany, France, Australia and New Zealand.



MARKOVA Natalia, Natalia Markova, MD, Dermatovenerologist, graduate of Charles University in Prague, and postgraduate in Comenius University in Bratislava. Certified Trainer & Brand Ambassador for Aptos thread methods, Medical Advisor for Regen Biotech Laboratories. Author of patents for medical devices for RF fractional lifting, for nanolipografting, for treatment of cataracta diseases, skin atrophy and vascular insufficiency for diabetic and psoriatic skin etc.



MARTÍNEZ Alfredo, PhD in Biomedicine and Director of the Biotechnology Unit of mesoestetic Pharma Group. He possesses broad experience in biomedical research, focusing on the study of pathologies associated with hyperpigmentation, anti-aging, epigenetics and oxidative stress.



MARTSCHIN Christoph, MD, is Dermatologist in Stockholm, Sweden.



MENKES Sophie, Dr Sophie Menkes is aesthetic physician and Medical Director at Nescens Clinic Genolier (Switzerland). She is a specialist in Regenerative Medicine, Aesthetic Gynaecology and Internal Medicine. In addition, she holds the following qualifications, all acquired in Paris (France): DUTIC, CUMEG, DIU Mesotherapy. She trains physicians in Microfat, Nanofat grafting, PRP, Aesthetic Gynecology, AH and toxin. She is a frequent speaker at international courses and congresses.



MESSENGER Andrew, Andrew Messenger is a dermatologist who was based at Sheffield Teaching Hospitals and Sheffield Children's Hospital. He has a longstanding clinical and research interest in hair biology and disorders of hair growth. He was a founder member of the European Hair Research Society and was its president from 2004-6. He chaired the World Congress of Hair Research held in Edinburgh in 2013. He is currently the President of the Institute of Trichologists.



METAXOTOS Nikolaos, Dr Nikolaos Metaxotos is a specialist plastic surgeon, awarded with a Ph.D. He is mainly interested in minimum intervention cosmetic procedures that enhance the ageing face. Dr Metaxotos is a renowned international speaker and over the years he has participated in a large number of international plastic surgery conferences. Dr Metaxotos is the founder of SYMMETRIA advanced centers of medical, beauty and health services located in Europe and Middle East.



MILOJEVIC Nikola, Aesthetic physician and owner of 2 anti-ageing clinics – Milo Clinic, London & Milojevi? Polyclinic, Zagreb. With +60,000 performed aesthetic procedures in a 18-year career, one of the leading aesthetic physicians and KOLs in Europe, pioneer of cosmetic medicine in Croatia, organising congresses and collaborating with world experts & implementing new knowledge in aesthetic medicine into daily practice, he actively participates in development of the new branch of medicine.



MITROVIC JOVANOVIĆ Ana, Professor of Gyn and OB at the School of Medicine. Head of the University Daily Hospital Narodni front. Board member of the Diczfalusy Foundation President of the Republic Scientific Committee for IVF. President of NGO for reproductive health. Subspecialist in the field of infertility. Author and coauthor of 11 books. Invited speaker at international and domestic scientific meetings Author and coauthor in more than 180 science publications. Scientific Board Member of EMALT.



MOJALLAL Ali, Ali Mojallal, MD PhD is Plastic Surgeon. He is Full Professor of Plastic Surgery at University of Lyon in France and Former Clinical Assistant Professor at University of Dallas TX-USA. His research is based on Adipose Derived Stem Cells and their applications in Plastic Surgery. His clinical practice is focused on Aesthetic Surgeries of face and body. He is an expert in Anatomy and has published several articles on clinical oriented anatomy.



MOSAHEBI Afshin, Prof Mosahebi qualified in London and specialist training in New York & Belgium. He is an author a number of publications & has lectured extensively worldwide. He is involved in pioneering research work on regenerating new tissues through new biomaterials & tissue engineering as well as clinical trials in innovative techniques in wound healing He is on editorial board of Aesthetic surgery Journal, Hon Secretary of BAAPS, past President of Royal Society of Medicine.



MOUKALLED Ahmad, Bioscience Brand Ambassador FillMed Brand Ambassador



MOYA Roni, Biomedical Doctor. Designer. MSc and PhD in Biomedicine and Transplantation Immunology, Coimbra University / Gulbenkian Institute of Science. MSc in Advanced Human Nutrition, Barcelona University. MSc in Anti-aging Medicine, Sevilla University. Professor in Regenerative Medicine, International University of Bio-Regenerative Sciences - USA and European Wellness Academy, Germany. Biomedical Strategic Design and CEO Regenera Portugal.



MUKHERJEE Mansi, Dr Mansi Mukherjee is a Dermatologist and Head Medical at Kaya Skin Clinics, Middle East. She has practiced Dermatology for 19 years with expertise in Aesthetic Dermatology. Dr Mukherjee attained an MBBS from Lady Hardinge Medical College and an MD in Dermatology from Maulana Azad Medical College, New Delhi, India. She is an internationally accredited trainer of Dermal fillers, Botulinum toxin, lasers and light therapy and a member of the AAD. ALL-ABBV-220077| March 2022



NARAGHI Mohsen, World-renowned triple-board certified facial plastic and reconstructive surgeon; Aesthetic medicine expert, author, and the best practice award winner; Winner of multiple prestigious awards in the United States; Author of the best academic book of the year titled Facial Plastic Surgery; Chapter author of the first-ever global reference on secondary rhinoplasty in the United States; Instructor of numerous courses, hands-on and live surgery workshops throughout the world.



NARANJO Pablo, is Aesthetic Physician in Madrid, Spain.



NASSIF Paul, One of the best-known and most trusted facial plastic surgeons in the world, Dr. Paul Nassif is recognized for his pioneering techniques as a board-certified facial plastic and reconstructive surgeon based in Beverly Hills, California. Creator of the popular Nassif MD skincare brand, he also brings his deep knowledge and engaging personality to television audiences as one of the stars of the E! Entertainment hit show "Botched."



NEESER Karl J., Karl J. Neeser, PhD, born 1947, is one of Switzerland's leading Anti-Aging Research Scientists, Worldwide Key Speaker, Author of Multiple Scientific Publications. He is a Scientific Board of the Swiss Society for Anti-Aging Medicine and Prevention, SSAAMP, and of the International Society for Applied Preventive Medicine, I-GAP. Today he lives in Switzerland and Thailand where he is currently a Professor at Chulalongkorn University College of Public Health Science.



NIKOLIS Andreas, Dr. Nikolis is an Associate Professor of Plastic Surgery at McGill University's Division of Plastic Surgery. He is a Board-Certified Plastic Surgeon recognized by the Royal College of Physicians and Surgeons, and is a member of multiple national and international societies. He holds numerous medical device patents, speaks internationally on a variety of aesthetic topics and continues his focus on evidence based medicine with an extensive publication record.



POLIMENI Ascanio , M.D., Ph D, is Board Certified in Broncopneumology, Chronobiology, Neuro-endocrinology. He is Medical Director of Anti-Aging Center of Rome and Milan, Member of Scientific Committee of W.O.S.I.A.M. (World Society of Interdisciplinary Anti-Aging Medicine, Co-director of "Forever Venus Project" and of "Regenera Research Group" (Italian Medical Association of Successful Aging, Regenerative, Predictive Medicine).



ROSENGAUS Frank , Board certified ENT, Head & Neck surgeon with masters in economics. Dr. Rosengaus is also board certified in facial plastic surgery with 20 years experience. He is director of Ultimate Medica and BTX Bar clinics in Mexico. Member of the American Academy of Facial Plastic & Reconstructive surgery (AAFPRS). He is a board member of the International Federation of Facial Plastic Surgery Societies (IFFPSS) and of the top advisory council for the development of fillers



PORTINHA Carlos , Chief Clinical Officer – CCO, Insparya Group, Chief Clinical Adviser – CCA, Mesosystem, Hair Transplant Clinical Experience and Practice since 2010, Main Investigator for the Clinical Area of the Insparya / i3S (Porto University) consortium: research on stem cells applied to Alopecia, Clinical Supervision and Responsibility for all technological development applied to new techniques and hair transplantation devices of the Saúde Viável Group.



ROTIM Zeljko, Dr. Željko Rotim PhD owner of a clinic for dental and non-surgical antiaging aesthetic medicine "Rotim Medical Center". President of the Croatian Society for Aesthetic Medicine and the director of the education institution " Medical Esthetic Institute". Head of the "Esthetic Academy" program at the Medical Faculty of the University of Rijeka. President of the Scientific and Organizing Committee of the International Scientific Congress "Croatian Aesthetic Medicine Symposium"



QUIBELL Dianne , Dianne Quibell, MD is a world-renowned Cosmetic Laser Surgeon, Internist and aesthetic Physician. She is the Vice President of the American Board of Laser Surgery (since 2008) and a Fellow of The American Society for Laser Medicine and Surgery. She has privately trained over 600 clinicians in energy-based devices and injectable. She is a luminary and teaches over 20 events per year for the past twenty years. She has a private practice in Wellesley for nearly thirty years.



RUBINSTEIN Adam , Dr. Rubinstein is board certified by the American Board of Plastic Surgery. He has served as Chief of Plastic Surgery and Chief of the Department of Surgery for Jackson North Medical Center. Dr. Rubinstein is a clinical assistant professor in the Department of Surgery at NOVA Southeastern University and the Florida International University (FIU) College of Medicine. Dr. Rubinstein is featured on the new hit TV series on Lifetime, My Killer Body with K. Michelle.



RAPPL Thomas , He is a Board Certified Plastic Surgeon. After graduated in Plastic Surgery and Sports medicine, he spent one year at the Clinique Bizet in Paris. He is working at the Medical University hospital in Graz, doing education and research in Aesthetic Surgery- and medicine. Thomas Rappl is the medical director of MARA (medical, aesthetic, research academy in Graz) and is working as a consultant for international companies doing workshops and lectures all over the world.



RUIZ DEL CUETO Sofia , Executive medical director at the Clínica Mira + Cueto. From 2007 Trainer in multiple national and international Universities at master courses. Trainer in Aesthetic Medicine Techniques: fillers, botulinum toxin, IPL, radiofrequency and peeling, since 2004. Book published: 5. Papers published: 9. World Congress presentations: over 300, 2015 award for the best scientific presentation at the national congress of the Spanish Society of Aesthetic Medicine (SEME).



RASPALDO Herve , Facial plastic surgery centre FACE CLINIC Geneva Switzerland. Endoscopic-Facelift, Deep plane Facelift, Rhinoplasty, Blepharoplasty, Otoplasty, Chin implant expert. World ambassador for Botox & fillers, teaching new concepts since 1988. International Member of ASAPS, ISAPS, AAFPRS & SOFCPRE. Creator of Facesculpture, ChicLift & Eiffel tower NoseLift concepts for 3D-beautification with injectable. Leading monthly private masterclass in Geneva. 30,000 students trained in 30 years.



RUMYANTSEVA MATHEY Elena , MD, PhD, board-certified dermatologist, dermatological surgeon of the Department of general and oncological dermatology, University Hospital Ambroise Pare, aesthetic doctor of Laser Medical Center (Paris, France). Speaker of EADV, IMCAS, ICAD, AMEC, scientific coordinator of AAAMC, expert of AESTHETIC CONSILIUM, a winner "Golden Lancet" and "Art of Beauty" awards, a scientific consultant and a key opinion leader of several pharmaceutical and aesthetic companies.



REDAELLI Alessio , Pioneer of aesthetic medicine in Europe, founder of Medical aesthetic, scientific director of IPAM Congress, author of 10 books and more than 30 scientific articles on aesthetic medicine and phlebology, contract Professor at Genoa University for master in aesthetic medicine, teacher and faculty member of international master in lapem and Aims italian academies.



RUSSO Paola Rosalba , Specialization in General Surgery at the University of Modena; International School of Aesthetic Medicine in Rome; Training courses at the University of New York – USA. Adjunct Associate Professor in the Aesthetic Medicine Master at the University of Naples; medical consultant for Sinclair Pharma in London and Galderma Italia, a leading company in the dermal filler sector. Vice President of SIES (Italian Society of Aesthetic Medicine and Surgery)



RINALDI Fabio Massimo , is Dermatologist and director of the international clinic in Milan, Italy. He is President of the hair Research Foundation, editor of PlosOne and other scientific journals. He has published many scientific articles in hair field. He studies PRP since 2007 and cell therapies since 2000, using autologous keratinocytes and fibroblasts in diabetic ulcers. He is scientific Director of HMAP lab specialized in tissue regeneration and microbiome gut-skin axis



SAGNER Michael , Dr. Michael Sagner is a physician and researcher who specializes in sports medicine and preventive medicine. He is a chairman of the European Society of Preventive Medicine, dedicated to clinical preventive medicine and the prevention of chronic diseases, a member of the European Union Platform for Action on Diet, Physical Activity and Health, and a partner of the European Innovation Partnership on Active and Healthy Ageing.



RISTORI Esther , Graduated in Medicine and Surgery. University of Malaga, Spain 1997 Doctor of Medicine and Surgery. University of Malaga 2000 Specialist in Occupational Medicine. University of Granada, Spain 2004 Master Aesthetic Medicine Rey Juan Carlos University, Spain. 2011 Member Spanish Society of Aesthetic Medicine. Associate Professor Department of Radiology and Physical Medicine. Malaga University, Spain 2001-5 Aesthetic doctor at Dorsia since 2005 Aesthetic doctor at Quiron Hospital 2017-20



SALTI Giovanni , Graduated magna cum laude at University of Florence in 1988, then got specialization diplomas in Surgery (University of Bologna), Phlebology (University of Siena), Aesthetic Medicine, (University of Rome Tor Vergata) and Aesthetic Plastic Surgery (University of Padua). Full member of the Italian association of aesthetic plastic surgery (AICPE)



RIVKIN Alexander , Dr. Rivkin is an aesthetic specialist and Assistant Clinical Professor at the UCLA School of Medicine. Undergraduate - Columbia University. Medical degree - Yale School of Medicine. Residency in Otolaryngology/ Head and Neck Surgery - UC San Diego. His practice, Westside Aesthetics, is focused on developing and perfecting non-invasive, non-ablative cosmetic treatments. He is best known nationally for pioneering and popularizing the Non Surgical Rhinoplasty procedure.



SALVATORE Stefano , He is Associate Professor in Obstetrics and Gynaecology and head of the Urogynaecology Unit at the University Vita e Salute San Raffaele in Milan, Italy. He is the chair of the ICI committee on the pathophysiology of female pelvic floor dysfunction, Past-President of the European Urogynecological Association, member of the FIGO Urogynaecology Committee and President of the Italian Association of Urogynecology.



ROBIN Jean Marc , MD. Master of Aging Biology. Graduate of Nutrition of the Sport. President of Health Smart Source SPA. Founder and teacher of the "Higher European Training in Nutrition & Health environment". Founder of Nutraceutique Magazine and of the International Congress "Nutrition Health Sea" and "Nutraceutique and Health environment". Founder of "Smart Health and Preventive Medicine International Symposium" and the Society of Nutritional Medicine. Holder of a prize Montgolfier



SARTORIO Cristina , Graduated in Medicine and Surgery at the University of Turin, Cristina Sartorio obtained the master in Aesthetic Medicine at Agorà school of Milan lasertherapy and laser surgery courses. Member of the American Academy of aesthetic Medicine, she speaks at numerous national and international Aesthetic and Anti-Aging Medicine conferences.



RODRÍGUEZ LASTRA Jesús Clemente , Profesor Physiology and Biophysical. Universidad de Carabobo Venezuela. MSC Sexuality and Couple Therapy . Application in Radiofrequency Devices



SBANO Paolo , Paolo Sbano, MD, PhD, is Dermatologist. In 2000 he started working in University of Siena Hospital and in 2008 transferred to Viterbo Hospital, Italy. His main fields of action are laser resurfacing and scar tissue remodeling, dermatologic surgery and laser pigmented lesions removal. Research activity: he published more than 50 papers in international journals and textbooks. Member of Italian society of dermatologic surgery and oncology (SIDCO).



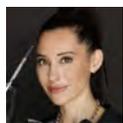
ROMEO GENTILINI Ariel Martin , Aesthetic doctor specializing in facial and body treatments. Expert in facial fillers and tension threads. With various courses in full face treatments. Professor in different masters of aesthetic medicine. Member of the Spanish Society of Aesthetic Medicine



SCAPAGNINI Giovanni , MD PhD is Full Professor of Clinical Nutrition, Department of Medicine and Health Science, University of Molise, Campobasso, Italy. Vice President of the Italian Society of Nutraceuticals (SINUT). He has a visiting professorship with the Institute of Human Virology, University of Maryland, Baltimore (MD), US. He is author of 150 indexed scientific papers and several book chapters.



SCHLAUDRAFF Kai-Uwe , As member of the Board of Directors of the Swiss Aesthetic Surgery Society and the International Society of Aesthetic Plastic Surgery, Dr Schlaudraff leads several initiatives for patient safety in facial injections and is a recognized leader worldwide in education in aesthetic and regenerative surgery and stem cell science.



SPADA Julieta , Clinical and Surgical Dermatologist from the University of Buenos Aires (UBA), Argentina. Internal Medicine Specialist from the UBA. Aesthetics Medicine Specialist from the Argentinian Medical Association (AMA). Assistant Professor of Applied Anatomy for the Use of Botulinum Toxin and Fillers in Cadavers at the UBA. Full member of SAD, ISD, SALTEM and others. KOL, Merz Aesthetics Global Speaker and researcher on Cosmetic Laser Dermatology and injectables.



SCHLESINGER Todd , Cosmetic, Surgical and Medical dermatologist/international consultant with a focus on research and business in dermatology. I enjoy bringing new skin care products and devices to market and finding new uses for existing products. Experience working with national and international pharmaceutical, device, software and cosmetic firms. Always enjoy writing and teaching. Founder and director of a successful dermatology practice and independent clinical research center.



STAN Constantin. Constantin Stan M.D. PhD was born in 1956 in Romania and graduated Magna Cum Laude from the University of Medicine and Pharmacy, Iasi, Romania in 1982. He has developed new techniques for use in clinical breast implant surgery (multiplane / multilayers Pocket Dissection) and combination of fat transfer and breast implants for aesthetic breast reconstruction. He designed 4TwoDiagon Gel Implant, with Polytech Germany, the newest breast implant with the latest technology.



SEBBAN Sandrine, MD, Dr Sandrine SEBBAN is an Aesthetic Doctor based in Paris, France. Her degrees include: Master Course Degree in Biology & Toxicology, certifications in Mesotherapy, Laser for Skin Rejuvenation & Hair removal, and Injection & Filling Techniques in Dermatology and Aesthetic surgery. She has over 20 years experience in all the aesthetic medicine techniques (filling, peeling, mesotherapy, laser, etc).



STANKOVIC Nenad . Internationally renowned as a leading lecturer, trainer and expert in facial aesthetics. Board of directors of SUDEL and SESIAM societies and medical ambassador of International Plastic Aesthetic Residence (IPAR). Key opinion leader for several brands.



SERRANO Gabriel , Dr Gabriel Serrano is Consultant Dermatologist and the owner of the Clinic Dr Gabriel Serrano in Valencia. He worked at the University General Hospital as Clinical Chief of the Dept. of Dermatology for more than 25 years. He opened his own clinic in 1978 and founded Sesderma Laboratories in 1989. Sesderma was the first laboratory in Spain to launch a line of treatments with glycolic acid, and is now the only one which develops a wide variety of products using nanotechnology.



STARACE Michela, Head of Hair and Nail consultation at the Department of Specialized, Experimental and Diagnostic Medicine, Dermatology- IRCCS, Policlinico Sant'Orsola, Alma Mater Studiorum, University of Bologna, Italy. Treasurer of EHRS. Board member of the ENS and IDS. Founding member of International Nail Society . Section Editor of Hair and Nail of DPC Scientific activity: Dr. Starace is Author of 150 Papers published on International and Italian Journals and 20 book's chapter.



SHAH-DESAI Sabrina, Dr. Sabrina Shah-Desai, MS, FRCS is a leading Aesthetic Reconstructive Oculoplastic Surgeon, Director of Perfect Eyes Ltd. and Founder & Director of OFAA (Oculo-Facial Aesthetic Academy), UK With over two decades of experience, focused on the eye and face, she has developed & Eye-Boost &, &™ for tear trough rejuvenation and the &€œPerfect 360 &, &€ for 3-Dimensional face & neck rejuvenation. Sabrina has authored book chapters, scientific papers and is a KOL for Teoxane & Sinclair.



STERODIMAS Aris , is the Head of the Plastic Surgery Department of IASO General Hospital, in Athens, Greece. In Brazil, he is the CEO of Stem Surgery SA involved in tissue engineering research and clinical application projects. He has published 50 peer reviewed articles and 15 book chapters. He is member of 11 medical societies, lectures worldwide and is the Editor of the book entitled 'Adipose Stem Cells & Regenerative Medicine' published by Springer - Verlag in 2011.



SHELEMBA Yevgeniya, Graduated from Bogomolets national medical university in Kiev, Ukraine with honors. In 2014 obtained specialization in dermatology at academy of post graduate education in Kiev. In 2020 defended PhD thesis, topic: Melasma and post-inflammatory hyperpigmentation. Dermatologist MD, PhD Fellow of American Academy of Anti-Age Medicine, member of EADV Head of research and training department at Innovaesthetic Certified Galderma and Professional derma trainer



SULAMANIDZE George , A plastic surgeon, MD, PhD. A recipient of "Zolotoi Lancet" in 2008 – a professional award in the field of plastic surgery and aesthetic medicine. The inventor of Aptos threads and methods. The author of over 30 publications, 18 of which are represented in leading international journals.



SHELKOVITZ Tzachi , MD, Specialized in dermatology and venereology at the Department of Dermatology, Chaim Sheba Medical Center, Tel Hashomer, Israel. Teaches and supervises medical students, dermatology interns and GPs in several dermatology and dermatologic surgery programs at Tel Aviv University, various dermatology departments and HMOs. Scientific editor of a book on aesthetic dermatology and author of chapters in aesthetic dermatology books and dermatologic surgery journals.



SUNDARAM Hema , Board certified fellowship trained dermatologist. Masters & medical degrees with honors from Cambridge University. ASDS Visiting Professor, Mentor, Education & Media Relations Work Groups, IMCAS Scientific Board, FDA Principal Investigator. Advisor to Medscape, Derm Education Initiative, HealthCentral, Fitness magazine. Editorial Advisor to JDD and Prime. Book: Face Value, honored by National Press Club. Books & chapters: Fillers, Toxins, Lasers, Cosmeceuticals.



SHETTY Rashmi , Dermatologist, international speaker, with 18 years in practice. Founder, Chief dermatologist -RA Clinics Mumbai/Hyderabad. has multiple papers in peer reviewed Indian/International journals. Dr. Shetty is published in PRS and was awarded the Best South East Asian Paper. She authored a best selling book , "Age Erase". She is on the advisory board of Unilever, Procter & Gamble, Clinique & Marico. Among her many awards the latest is the title of "Best Dermatologist" from Vogue.



SUROWIECKA Agnieszka , General surgeon from with doctorate in plastic surgery, plastic surgery resident. An author of several papers in fields of transplantation, surgery and esthetic medicine. Stem cells are of her main interest in regenerative and aesthetic medicine as well as in wound healing. Working in the field of esthetic and regenerative medicine since 2012. An international trainer for various techniques: tissue biostimulators, threads, dermal fillers and autologous cell therapy.



SILIKOVICH Fernando , Dr Silik. Surgeon. Aesthetic Physitian. 4 Points Rhino creator. 4 Points Community director with 5000 members from 50 countries. 4 Points Fundation chairman with 200 served patient with differents face traumas 20 years in Esthetics. 25.000 4 Points Rhino made.



SURYADI Jessy, Head Doctor of Dermaster Clinic Network Treat Indonesian Big Celebrities such as Ivan Gunawan, Luna Maya, Melanie Ricardo, Via Vallen, Iis Dahlia, others.



SQUIER-DAMETO Gabriel , Dr. Gabriel Siquier is an experienced aesthetic physician, he is the founder of Dameto Clinics International, established in the Netherlands and in Spain. He became Key Opinion Leader for major pharmaceuticals like Menarini, providing consultancy and presentations worldwide. Further, he is a certified member of the Dutch society of aesthetic medicine (NVCG) and part of the research group NEOMA at the University of Girona (Spain) where he is gaining his PHD.



TANUWIDJAJA Teguh, MD. M.Biomed-AAM is an Anti Aging Practitioner and President of Indonesian Society for Aesthetic Medicine (PERDESTI). He has extensive experience in biomedical research on extracellular matrix. Having through some clinical research, he became a founder of Tanuwidjaja's Tunnel Technique for nose correction. He is active member and committee of some scientific societies in Indonesia.



SMIT Riekie, MBChB (UOFS). MSc Sports Medicine(Pret) Dr Smit is an Aesthetic and Sports Physician in Pretoria, South Africa. International speaker, KOL and author on various aesthetic and skin treatments. Honorary secretary of the Aesthetic and Anti-aging Medicine Society of South Africa, course developer for the Advanced Diploma in Aesthetic Medicine in South Africa. She is also Faculty member of the American Academy of Aesthetic Medicine.



THULESEN Jesper, Oculoplastic surgeon, aesthetic physician. Specialist in ophthalmology, authorised in Denmark, Dubai, France, Norway, and Sweden. Research activities have led to a Ph.D., and a medical dissertation. Extensively published, incl. article in "Nature Medicine". Recognized masterclass trainer (Allergan Aesthetics), member of the international AMI faculty, and ESORPS. Lectures on the international circuit: aesthetic oculoplastics, non-permanent fillers, and botulinum toxin.



SOFRA Xanya , Dr Sofra has doctorates in Neurophysiology (London University) & Clinical Psy (New York). She has published multiple articles on the subjects of Neurophysiology, Hormonal Balance, Fitness and Health, Wound Healing, Neuropathic Pain, Covid-19 susceptibility factors, Obesity, Diabetes, Covid-19 Vaccines and the Narcissistic Character Constellation. She is an award winning international speaker in several Medical and Anti-aging conferences & co-inventor of innovative tech.



TOMELLA Claudio, Claudio Tomella, MD is a Nutritionist and Anti-Aging Practitioner in Milan, Italy. He currently practices anti-aging medicine, nutrition and integrative medicine in Italy as well as giving courses and congresses worldwide. Dr. Tomella is a member of the Regenera Research Group and President of Olosmedica



TORRES Sebastian , Double specialized, four masters and multi-awarded, Dr Torres is one of the most well-rounded surgeons, author of several books and articles. Accomplished and results-driven consultant with extensive experience performing Plastic, Maxillofacial, and Aesthetic surgery handling along with a sound understanding of contemporary models of care, while operating in a multidisciplinary team environment. His creativity has generated different aesthetic techniques.



WALKER Lee , Dr Lee Walker BDS, MFDS RCPSG, FDS RCS England, proudly holds the following positions: Clinical director B City Clinics Liverpool UK , Lee Walker Academy UK Chairman complications collaborative UK...co-author of aesthetic complications guidelines International Key Opinion Leader Teoxane



TORRES Gustavo , Experienced in academic and translational research on human molecular genetics and basic genetics. During my formation I have had contact with the state-of-the-art technologies in molecular genetics and build objective skills necessary to deal with projects on all areas of molecular biology. Currently, I hold the position of project manager at Fagron Genomics, developing, and assuring quality and customer support for genetic tests focusing on personalised medicine.



WALSH-HOLMES Maggie , Maggie Holmes oversees EvolveMKD's social media, digital and creative capabilities. For more than a decade, Maggie has led award-winning campaigns encompassing creative, social and digital marketing, go-to-market strategies, influencer relations, and integrations with traditional PR programs. Previously, Maggie worked as the Vice President of Social & Digital at Sharp Think, Director of Digital Strategy at M Booth, and as a Digital Strategist at H+K Strategies.



TREVIDIC Patrick , Dr. Patrick Trevidic is a Plastic Surgeon based in Paris, France. He is also Chairman of the Plastic and Reconstructive Surgery Department at Sainte Anne, one of the leading Hospital in Paris. Over the last 15 years, Dr Trevidic has been instrumental as a key investigator in several antiaging studies and has been at the forefront of many others. Working to promote evidence based medicine. Dr. Trevidic has published more than 54 scientific articles.



WANG Chao-Chin , Chao-Chin Wang, MD, is a dermatologist in private practice. He is a frequently invited speaker and a recognized expert in holistic approach to facial rejuvenation, including energy-based devices, injectables and thread lifts. He has pioneered in the studies of AI and skin imaging for aesthetic practice. He currently serves as the board of director and vice-chair of the public affairs committee in Taiwanese Dermatological Association and organizes the event of AMWC Asia-TDAC.



TRINDADE Filomena , ia an anti-aging physician in Capitola, USA.



WANITPHAKDEEDECHA Rungsima , Associate Professor Dr. Rungsima Wanitphakdeedecha is a dermatologist and dermatologic surgeon in Bangkok, Thailand. She has been serving as a faculty in Dermatosurgery Unit, Department of Dermatology, Faculty of Medicine Siriraj Hospital, Mahidol University since 2003. She has lectured nationally and internationally on the topics of dermatologic surgery, laser, and cosmetic procedures. She has published many book chapters and manuscripts in peer-reviewed journals.



TURKEYVYCH Oleksandr , MD, PhD, Prof., EADV, CADV, UADV Board member, Chairman of the Guidelines Committee for Dermatology and Venereology WHA . Was a speaker on numerous of National and International Congresses. Author of more than 150 printed articles, official reviewer for "Dermatological therapy". He is leading National provider of teaching and training courses regarding Toxins, Fillers and Threads. Scientific research: threads and neocollagenogenesis, PDRN, fillers, toxins.



WAWRZYNKIEWICZ Magdalena , Magdalena Wawrzynkiewicz MD, PhD is a Board-Certified Dermatologist in Krakow, Poland. Her main fields of interest are non-invasive diagnostic techniques dermoscopy and trichoscopy, treatment of hair and scalp disorders, aesthetic and anti-aging medicine. She is a member of International Dermoscopy Society, International Trichoscopy Society, European Academy of Dermatology and Venereology, Polish Dermatological Society.



VANDEPUTTE Joan , Dr. Joan Vandeputte, FCCP, F EBOPRAS, founded the division of plastic surgery unit in the Oudenaarde General Hospital in 1995. His private practice is devoted to minimally invasive cosmetic procedures. His prime interests are aesthetic facial surgery and volume replacement, facial skin cancer surgery, surgery of the eyelids, and body contouring. He has held presentations and workshops about these topics at plastic surgery and aesthetic medicine meetings around the world.



WHITMAN Cheryl , As founder of Beautiful Forever Consulting, Cheryl Whitman is a celebrated author, speaker, and national cosmetic marketing professional with more than 40 years in the Aesthetic Medical Industry. As a cosmetic medspa, "Influencer" she is a sought-after speaker. Cheryl serves on the MedEsthetics Advisory Board and is a Salesforce Consultant for CareCredit Healthcare Financing and has authored "Aesthetic Medical Success System," & "Beautifully Profitable, Forever Profitable"



VELA Arturo , Founder of ARTURO VELA DR, American Association Of Aesthetic Medicine and Surgery Certified. Dr. Arturo Vela completed his career as a Medical Doctor in 2015 and soon after got certified in cosmetic dermal injectables. He is qualified in different areas in anti-ageing medicine and he has Postgraduate Diplomas in Dermatology and Aesthetic Sciences.



WICHERS Marsha , Marsha Wichers, MD, is member of the Dutch Society of Aesthetic Medicine and member of its advisory board. She specializes in minimally invasive aesthetic treatments such as hyaluronic acid filler injections, skin boosters and botulinum toxins. She holds over 12 years of experience in aesthetic medicine and works at her private practice in Leiden, the Netherlands. Besides her medical profession she holds a bachelor's degree in fine arts and a master's degree in design.



VELTHUIS Peter , Peter Velthuis is dermatologist and founder of "Velthuis Kliniek" (Velthuis Clinic). He nowadays has an important supporting and advisory role in the field of cosmetic dermatology. He is now working for ErasmusMC Aesthetics (Dermatology department of ErasmusMC Rotterdam), educational and knowledge center for cosmetic dermatology. Founder: Dutch Association for Cosmetic Dermatology (NVCD); co-chairman of Dutch Aesthetic Laser Association (DALA); vicepresident of ESCAD.



WIERNSPERGER Nicolas , Head of Microcirculation Research Unit in Cerebral Vascular Diseases at Sandoz (Novartis) ; Senior Investigator for International Pharmacology Research at Lipha (Merck KgA) , Head of Diabetes Microvascular Research Unit at INSA Lyon (Lyon University) . Dr Wiernsperger published close to 120 articles, several reviews on invitation as well as 2 books as Editor. His interest is mainly in metabolic diseases and cardiovascular (microcirculation) physiology and pharmacology.



VERNER Ines , Prof. Ines Verner is a Dermatologist in private practice Tel Aviv, Israel. She is Past President of the European Society for Cosmetic & Aesthetic Dermatology (ESCAD) and Professor of Dermatology and Regenerative Medicine, University of Rome " Guglielmo Marconi ". She is Past President of the Israel Society for Dermatologic Surgery. Dr Verner has extensive experience in injectables, lasers, energy based devices & minimally invasive procedures in Aesthetic Medicine



WILLCOX Donald Craig , Dr. Willcox is Professor in Dept. of Geriatric Medicine at University of Hawaii and Okinawa International University His research focuses upon gene-environment interactions and nutritional interventions for healthy aging. He is Co-Principal Investigator of the Okinawa Centenarian Study and a co-investigator of the NIA-funded Hawaii Lifespan and Healthspan Studies and Associate Editor of Journals of Gerontology: Biological and Medical Sciences (GSA) and Gerontology (IAGG).



VIGNERON Jean-Luc , Dermatologist in France / French Riviera. He is director of Centre Esthétique Villabianca. He teaches at the Faculty of Medicine in Nice and Paris. He is president of Think Tank on Dermatologic Surgery and of the European Institute for Skin Rejuvenation. He is former President of SFDCE (Société Française de Dermatologie Chirurgicale et Esthétique). He is passionate about the latest techniques in aesthetic and by the Deep Peelings, which he is a global known specialist.



WILLIAMS Greg , Greg Williams is the only member of the British Association of Aesthetic Plastic Surgeons who performs hair transplant surgery on a full-time basis. He has over 15 years of experience in surgical hair restoration not only for genetic male and female hair loss, but also for reconstruction post trauma and burns. Greg is the Past President of the British Association of Hair Restoration Surgery and is a Diplomate of the American Board of Hair Restoration Surgery.



VILA Damien , Damien Vila is a French physicist and an international speaker. He is specialized in waves and quantum mechanics, that's why his medical interest is the impact of light and sound on the body. He is cofounder of learned societies like EMALT (Euro-Mediterranean Association for Light Therapy). He is at the initiative of the first photobiomodulation (PBM) diplomas at university: one about cancer supportive care and one for all sectors, including animal and human medicine.



WILLIAMS Elaine , Elaine qualified as a Registered Nurse in 1990, and worked in a number of clinical environments for many years, prior to starting her Aesthetics career in 2008. Elaine gained her NMP before training with many of the aesthetic industries key UK/international opinion leaders. Elaine is the Founder and Clinical Director of EOS Aesthetics, CQC registered clinic in Berkshire. Elaine's research interests grew from undertaking MSc Cosmetic Medicine, & current PhD study.



VOROPAI Daria , Dr Daria Voropai, aesthetic practitioner. Throughout her medical career, Dr. Voropai has taken part in numerous Head and Neck anatomical dissection projects. Post qualification, she spend several years working in in General Surgery whilst successful establishing and running her own aesthetic clinic in The Netherlands. Dr.Voropai is an international trainer now based in London. Her predominant focus is applied Facial Anatomy and 3D-sculpting of the face.



WONG Vincent , Dr. Vincent Wong is one of London's leading aesthetics practitioners. He is Save Face accredited and trained in advanced non-surgical cosmetic treatments. GMC registered, he holds a Bachelor of Science in Medicine (First Class Honours) from the University of St Andrews and a Bachelor of Medicine and Surgery from the University of Aberdeen.



YAMADA Hidekazu , MD, Ph.D. is a Professor at Kindai University Faculty of Medicine in Osaka. President of JAAM, from 2021. Founder of the Anti-Aging Center, Kindai University. In the office, Dr. Yamada uses many Laser and broadband lights to treat photo-aging patients. His research focus is to establish Aging Clock to measure biological age by the science of appearance in the skin, face, and body image and Epigenetic Clock. Now, Director of Osaka Pavillion in Osaka-Kansai EXPO 2025.



YAVUZER Reha, Dr Reha Yavuzer is a plastic reconstructive and aesthetic surgeon. After graduating in 1992 from Ankara University, Turkey, he trained in plastic surgery and went on to hold multiple academic positions in both Turkey and the US. He established the René Clinic in 2013 and is currently a professor at Koc University, Istanbul. He has conducted over 200 plastic surgery training courses and workshops. ALL-ABBV-220077| March 2022



YONEI Yoshikazu, MD, PhD is presently Professor at Anti-Aging Medical Research Center, Graduate School of Life and Medical Sciences, Doshisha University in Tokyo, Japan. He is specialist in AntiAging Medicine, Gastroenterology and Hepatology. Prof. Yonei is also Board Member of the Japanese Society of Anti-Aging Medicine and (NPO) and the Board Chairman of the Society for Glycative Stress Research (NPO) and the Isyoku-Dogen Research Foundation.



YU Jonathan Nevin , Jonathan Nevin Yu, M.D., is a highly trained and board-certified dermatologist in private practice in the Philippines. His interest includes cosmetic/aesthetic dermatology and laser surgery. Fellow of the Philippine Dermatological Society, American Academy of Dermatology, and American Society of Laser Surgery and Medicine, he is currently one of the KOL for Merz Aesthetics Philippines and instructor for the Skin and Cancer Foundation, Inc.



ZEESHAN Saman, Dr. Saman Zeeshan (Dr. Sam) is an aesthetic dermatologist, key speaker and trainer for Dermaqual. She is a specialist certified in Dermatology from the prestigious Royal College of Physicians, United Kingdom. She is also certified in Aesthetic Medicine from the American Academy of Anti-Aging Medicine, USA.



ZENKER Sabine , Leading Aesthetic Dermatologist for non-invasive treatments in Facial Rejuvenation and Hair Regeneration, International KOL, Speaker, Author Prof ac Dr Sabine Zenker heads one of Europe's most prestigious private dermatology aesthetics practices. Well-known for her elegant, effective, safe treatments she ensures for natural, customized results in face-, and hair aesthetics avoiding surgery. Her passion is to genuinely make her patients look the best version of themselves.



ZERBINATI Nicola , Since 2000 is a Full Professor of Dermatology and Venereology at the University of Insubria, Varese (Italy). After having been a Dermatology Consultant at Macchià Hospital Varese in 2007-2009, he is now a dermatologist in his own private practices CMP. Scientific Coordinator and Professor at the International Union of Lipoplasty; Scientific Coordinator of the IACG. FIME President.



ZIMBRES Silvia, Since 2014 Silvia has been using her lecturing and leadership ability to mentor and train dermatologists and plastic surgeons in all parts of Brazil as an Allergan speaker. Passionate about public speaking and expert in personal development training, Silvia Zimbres has been using her expertise to bring more human connections between doctors and patients, because she believes that caring and connecting is the milestone in Medicine and in mankind as well.

Lastname	Firstname	COI
ÁVILA	Daniel	Non Sponsored
ABITBOL	Jean	N/A
ABOZEID	Mohamed	N/A
ACQUILLA	Raj	Non Sponsored
ADLER	Yael	Non Sponsored
AKERMAN	Lehavit	Non Sponsored
ALIZADEH	Navid	Non Sponsored
ALLEGRINI	Serena	Non Sponsored
ALMADORI	Aurora	Non Sponsored
ALMCHRIF	Eyad	N/A
AMUSO	Domenico	N/A
ANAND	Chytra	Non Sponsored
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ASAL	Khaled	Sponsored
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CASABONA	Gabriela	Non Sponsored

CASTILLO GARZON	Manuel J.	Non Sponsored
CAVALLINI	Maurizio	N/A
CELIK	Naci	Sponsored
CELLA	Gabriela Andrea	Non Sponsored
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CHANTREY	Jonquille	N/A
CHAUCHARD	Claude	Non Sponsored
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DRISCOLL	Megan	Non Sponsored
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DUNTAS	Leonidas	Non Sponsored
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ESTRADA	Zuramis	Non Sponsored
FABI	Sabrina	Sponsored
FANIAN	Ferial	Sponsored
FANTOZZI	Fabio	N/A
FARGHADANI	Hirsa	Non Sponsored
FARJO	Janan	Sponsored

FARJO	Bessam	Non Sponsored
FASOLA	Elena	N/A
FATEMI	Afschin	N/A
FEDCHUK	Mariya	N/A
FERNÁNDEZ DE CASTRO	Raquel	N/A
FERRARI	Eleana	N/A
FISCHER	Tanja	Non Sponsored
FISTONIC	Ivan	N/A
FOUMENTEZE	Jean-Paul	Sponsored
FOURNIER	Nathalie	Non Sponsored
FRANCESCHELLI	Antonella	N/A
FRIED	Adeena	N/A
FRITZ	Klaus	Sponsored
FUNDARO	Salvatore	N/A
FUNIKOVA	Anna	N/A
GALADARI	Hassan	Sponsored
GALLI	Giulia	N/A
GAMBACCIANI	Marco	Non Sponsored
GASPAR	Adrian	Non Sponsored
GEARY	Natalie	N/A
GENNAI	Alessandro	Non Sponsored
GENTILE	Pietro	Non Sponsored
GINTER	Serge	Non Sponsored
GOLDIE	Kate	Sponsored
GONZALEZ ISAZA	Pablo	Sponsored
GORSIC KRISPER	Masa	N/A
GOUT	Uliana	Non Sponsored
GRIMALT	Ramon	Non Sponsored
GRITTERN	Lucija	N/A
GUESSOUS	Mohammed	N/A
HAGLUND	Pyra	Sponsored
HAKIME	Antoine	Non Sponsored
HART-DAVIS	Alice	Non Sponsored
HAYKAL	Diala	N/A
HEDEN	Per	N/A
HERMENEGILDO	Isabel	Non Sponsored
HERNÁNDEZ	Claudia Andrea	N/A
HOO	Anna	N/A
HOUSHMAND	Elizabeth	Non Sponsored
HOXHA	Senera	N/A
HSU	Chao-Kai	Non Sponsored
HUANG	Yau-Li	Non Sponsored
HUMPHREY	Shannon	Sponsored
HUMZAH	Dalvi M.	N/A
IBANEZ	Ivan	Non Sponsored
INGALLINA	Fabio	Non Sponsored
JAHLAN MATKOVA	Marina	Non Sponsored
JAKLIS	Antoine	Non Sponsored
JANOVSKA	Jana	Non Sponsored
JOVANOVIC	Tomislav	Non Sponsored
KAJAIA	Albina	Non Sponsored
KALITERNA	Dinko	N/A

KANE	Michael A. C.	Sponsored
KANODIA	Raj	Non Sponsored
KARPOVA	Elena	N/A
KATSIMPARDI	Lida	Non Sponsored
KEMP	Paul	Sponsored
KERSCHER	Martina	Sponsored
KESTEMONT	Philippe	N/A
KHANNA	Bob	Non Sponsored
KIM	Sang Geon	N/A
KIM	Jong Woo	N/A
KINNEY	Brian	Sponsored
KLEINE GUNK	Bernd	Non Sponsored
KNEZOVIC	Zlatko	Non Sponsored
KONTOES	Paraskevas	Non Sponsored
KRAMER	Eyal	N/A
KRAUSE	Mario	Non Sponsored
KWON	Han Jin	N/A
LALLY	Kam	N/A
LAUC	Nikolina	N/A
LE LOUARN	Claude	Non Sponsored
LEBBAR	Noura	Non Sponsored
LEE	Won	N/A
LEPORATI	Massimiliano	N/A
LETNIKOVS	Aleks	Non Sponsored
LEWIS	Wendy	Non Sponsored
LIM	Ting Song	Non Sponsored
LIN	Shang-Li	Sponsored
LIPKO-GODLEWSKA	Sylwia	N/A
LIPP	Stefan	Non Sponsored
LLANO	Francisco	Non Sponsored
LOPEZ TALLAJ	Luis	Non Sponsored
MACEDO	Luciana	Non Sponsored
MAGALON	Jeremy	N/A
MAGARA	Andrea	N/A
MAGISTRETTI	Philippe Ludovic	Non Sponsored
MAIZETOVA	Zulya	Non Sponsored
MAJEWSKA	Lidia	N/A
MALLUCCI	Patrick	N/A
MANTZOURANI	Theodora	Non Sponsored
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MARCHAL	Alfred	Non Sponsored
MARCHETTI	Francesco	N/A
MARINI	Leonardo	Sponsored
MARINI	Fabio	N/A
MARKOVA	Natalia	Non Sponsored
MARTÍNEZ	Alfredo	N/A
MARTSCHIN	Christoph	N/A
MAY	Simone	N/A
MENKES	Sophie	Non Sponsored
MESSINGER	Andrew	Non Sponsored
METAXOTOS	Nikolaos	Non Sponsored
MIGLIORI	Ginevra	N/A

MILOJEVIC	Nikola	N/A
MITROVIC JOVANOVIC	Ana	Non Sponsored
MOJALLAL	Ali	N/A
MORAIS	Marcus	N/A
MOSAHEBI	Afshin	Non Sponsored
MOUKALLED	Ahmad	Non Sponsored
MOYA	Roni	Non Sponsored
MUKHERJEE	Mansi	N/A
NARAGHI	Mohsen	Non Sponsored
NARANJO	Pablo	N/A
NASSIF	Paul	N/A
NEESER	Karl J.	N/A
NIKOLIS	Andreas	N/A
NUWAYHID	Marwan	N/A
OGILVIE	Patricia	Non Sponsored
OKU	Kentaro	N/A
OLSEN	Anna Marie	N/A
ORMIGA	Patricia	Sponsored
ORTLECHNER	Kerstin	Non Sponsored
OTBERG	Nina	Non Sponsored
PADEY	Hervé	N/A
PAKRAVESH	Negin	Non Sponsored
PALMA	Adrian	N/A
PANCHAPRATEEP	Ratchathorn	Non Sponsored
PARASHAR	Sanjay	N/A
PASSERON	Thierry	N/A
PASSI	Alberto Giuseppe	N/A
PATEL	Tapan	Non Sponsored
PATEL	Dev	Non Sponsored
PAVICIC	Tatjana	Sponsored
PEARLMAN	Jennifer	Non Sponsored
PECORA	Carla	Sponsored
PENG	Minze Adam	Non Sponsored
PEREZ	Luiz	Non Sponsored
PHILIPPON	Valerie	N/A
PIRAYESH	Ali	Non Sponsored
PLATZER	Thomas	Non Sponsored
PLOT	Eric	Non Sponsored
POLIMENI	Ascanio	Non Sponsored
PORTINHA	Carlos	N/A
QUIBELL	Dianne	N/A
RAPPL	Thomas	Non Sponsored
RASPALDO	Herve	Non Sponsored
REDAELLI	Alessio	Non Sponsored
RINALDI	Fabio Massimo	N/A
RISTORI	Esther	Non Sponsored
RIVKIN	Alexander	Sponsored
ROBIN	Jean Marc	Non Sponsored
RODRÍGUEZ LASTRA	Jesús Clemente	N/A
ROMANOWSKA	Natallia	N/A
ROMEO GENTILINI	Ariel Martin	Non Sponsored
ROSENGAUS	Frank	N/A

ROSSO	Paula	N/A
ROTIM	Zeljko	Non Sponsored
RUA	Nicolas	N/A
RUBINSTEIN	Adam	Sponsored
RUIZ DEL CUETO	Sofia	Non Sponsored
RUMYANTSEVA MATHEY	Elena	N/A
RUSSO	Paola Rosalba	N/A
SAFA	Marva	N/A
SAGNER	Michael	Non Sponsored
SALTI	Giovanni	N/A
SALVATORE	Stefano	N/A
SANTORELLI	Andriano	Non Sponsored
SARTORIO	Cristina	N/A
SBANO	Paolo	Non Sponsored
SCAPAGNINI	Giovanni	Non Sponsored
SCHLAUDRAFF	Kai-Uwe	Sponsored
SCHLESINGER	Todd	Sponsored
SCHMIDT	Siegfried	N/A
SEBBAN	Sandrine	Sponsored
SERRANO	Gabriel	N/A
SHAABAN	Khaled	Non Sponsored
SHAH-DESAI	Sabrina	N/A
SHELEMBA	Yevgeniya	Non Sponsored
SHELKOVITZ	Tzachi	Non Sponsored
SHETTY	Rashmi	Non Sponsored
SILIKOVICH	Fernando	Non Sponsored
SIQUIER-DAMETO	Gabriel	N/A
SMIT	Riekie	Non Sponsored
SOFRA	Xanya	Non Sponsored
SPADA	Julietta	Non Sponsored
STAN	Constantin	Non Sponsored
STANKOVIC	Nenad	Non Sponsored
STARACE	Michela	Non Sponsored
STERODIMAS	Aris	Non Sponsored
STOILOVA	Iva	N/A
STROM	Carrie	N/A
SULAMANIDZE	George	Sponsored
SUNDARAM	Hema	Non Sponsored
SUROWIECKA	Agnieszka	Sponsored
SURYADI	Jessy	Non Sponsored
TANUWIDJAJA	Teguh	N/A
THULESEN	Jesper	Sponsored
TOMELLA	Claudio	Non Sponsored
TORRES	Sebastian	N/A
TORRES	Gustavo	Non Sponsored
TREVIDIC	Patrick	N/A
TRINDADE	Filomena	N/A
TURKEYVYCH	Oleksandr	Non Sponsored
TURRA	Cinara	N/A
VANDEPUTTE	Joan	Sponsored
VELA	Arturo	Non Sponsored
VELTHUIS	Peter	Non Sponsored

VERNER	Ines	Non Sponsored
VIGNERON	Jean-Luc	Sponsored
VILA	Damien	Non Sponsored
VOROPAI	Daria	Non Sponsored
WALKER	Lee	Sponsored
WALSH-HOLMES	Maggie	Sponsored
WANG	Chao-Chin	Non Sponsored
WANITPHAKDEEDECHA	Rungsima	Non Sponsored
WAWRZYNKIEWICZ	Magdalena	Non Sponsored
WHITMAN	Cheryl	Non Sponsored
WICHERS	Marsha	Non Sponsored
WIERNSPERGER	Nicolas	Non Sponsored
WILLCOX	Donald Craig	Non Sponsored
WILLIAMS	Greg	Non Sponsored
WILLIAMS	Elaine	Non Sponsored
WONG	Vincent	Sponsored
YAMADA	Hidekazu	Non Sponsored
YAVUZER	Reha	Sponsored
YONEI	Yoshikazu	Non Sponsored
YU	Jonathan Nevin	Non Sponsored
ZEESHAN	Saman	Sponsored
ZENKER	Sabine	Non Sponsored
ZERBINATI	Nicola	Non Sponsored
ZIMBRES	Silvia	Sponsored