

24TH WORLD CONGRESS

# ISHRS Las Vegas

SEPT 28 - OCT 1, 2016 CAESARS PALACE • NEVADA • USA

## 2016 WORLD CONGRESS SCIENTIFIC PLANNING COMMITTEE

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Advanced/Board Review Course Chair

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Committee Member

Georgios Zontos, MD, MSc, PhD | Greece  
Committee Member







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## MESSAGE FROM THE PRESIDENT



Dear Colleagues,

**It is my great pleasure to welcome you to the 24th World Congress of the ISHRS.**

**This World Congress is the largest scientific meeting on hair restoration surgery, where world experts gather and share their experience, knowledge, techniques and inventions.**

It was our original plan to hold the 24th World Congress in Panama City. However, the unexpected outbreak of Zika Virus had brought us serious concern. Zika Virus may cause not only microcephaly in a newborn but also Guillain-Barré syndrome and acute paralysis in adults.

The results of an urgent poll conducted in February 2016 revealed that 80% of ISHRS members were in favor of relocating the Congress to a region without Zika Virus. The Board of Governors (BOG) considered that

our members' safety is of upmost importance and decided to change the Congress location. It was a hard decision only 8 months before the Congress. The headquarters of the ISHRS worked hard and the BOG selected Las Vegas as the congress venue.

The meeting space this year is the highest grade, and the hotel provides **rooms and service of top quality with special discount prices**. Our esteemed Program Chair, Dr. Marcelo Pitchon, prepared the **comprehensive program** perfectly. He invited **world famous basic scientists** for the scientific lectures. You will enjoy the **most up-to-date topics from molecular biology to clinical treatments**.

A large number of abstracts were submitted to the ISHRS this year. The Program Committee has worked hard on selection of abstracts, and offered an **innovative day-by-day program with many workshops, symposiums, and general sessions**.

After the intense study and hot debate during the full days, you can enjoy the night life in the city. Many **shows, entertainment, and world gastronomy** are waiting for you.

You may **make your own plan** to enjoy your vacation after the congress. You can enjoy the **nature of the desert, the Grand Canyon, and the Colorado River** of

emerald green. All these excellent adventures are waiting for you.

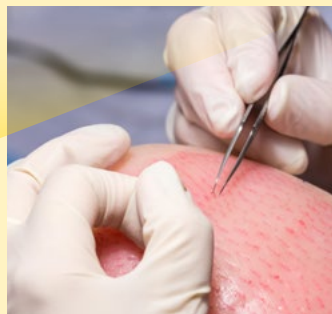
The ISHRS has changed the name of the Annual Scientific Meeting to the World Congress of the ISHRS. Over **700 participants from 77 countries attended** the congress last year. With the recent foundation of the Hellenic Academy, the Swiss Society of Hair Restoration Surgery, the Hair Restoration Society of Pakistan, and the Paraguayan Society of Hair Restoration Surgery the **ISHRS's Global Council now consists of more than 20 regional societies**. As the **leading organization in the field of hair restoration surgery**, the ISHRS has **promoted science, research, and education throughout the world**.

The Congress will offer you many opportunities to **meet old friends and make new friends**. Our colleagues are gracious to share their experiences and stimulate each other with **innovative and forward-thinking ideas**. We are happy to share the wonderful World Congress of the ISHRS with all of you.

Best personal regards,

Kuniyoshi Yagyu, MD, FISHRS | Japan

*President  
International Society of  
Hair Restoration Surgery*



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## MESSAGE FROM THE PROGRAM CHAIR



Dear Colleagues,

**Welcome to the Las Vegas 24th ISHRS World Congress of Hair Restoration Surgery!**

Hair restoration has never been so popular and the medical search for advanced knowledge, information and learning opportunities to novice doctors has never been so high.

One day courses, small two days seminars, workshops and symposia, regional societies and individual countries' meetings have been totally booked around the world. Smaller audiences distributed along the year and around the world compound a busy annual calendar of satellite events in hair restoration in which the solar one is the ISHRS World Congress of Hair Restoration Surgery. All the roads lead us to Las Vegas in 2016. It is the **number one scientific meeting every hair restoration professional wants not to miss**. It is the really big one where you have the best surgeons in the world giving general session and workshop lectures, the top clinical, non-surgical researchers presenting the ultimate findings from the most recognized universities and their personal experiences, courses and workshops with hands-on experience for newcomers and

basic level doctors willing to become high quality hair restoration surgeons. Intermediate and advanced level surgeons always struggle not to miss even one of the annual congresses, since it is the only time they can meet colleagues who perform the most diverse types of surgical methods and techniques available and the most innovative clinical treatments.

One of the highlights of our scientific program will be the top notch level Featured Guest Speakers. **Dr. Angela Christiano** from Columbia University will lecture on **"Hair Regeneration, JAK Inhibitors and Genetic Testing."** We will also receive **Dr. Pantelis Rombolas** from University of Pennsylvania who will speak on **"Potency and Contribution of Stem Cells to Follicle Regeneration,"** including the exhibition of one of the most fantastic innovative videos we have ever seen, on microscopic migration of stem cells inside the follicle. **Dr. Aline Donati**, co-coordinator of the Hair Clinic of the Dermatology Department at Hospital do Servidor Público Municipal de São Paulo, SP, Brasil, will speak on **"Frontal Fibrosing Alopecia: an Emerging Epidemic - Clues to an Earlier Diagnosis"** during the Saturday lunch symposium. We will also have the privilege of having with us **Dr. Rodney Sinclair** from the University of Melbourne, Australia, speaking on **"Advancing our Understanding of the Biology of Androgenetic Alopecia and Changing the Way We Use Minoxidil to Treat it."** And finally, **Dr. Alan Jacobs**, a neuroendocrinologist in private practice in New York, NY, will present the lecture **"Post-Finasteride Syndrome and the Neuroendocrine System."**

The **General Sessions** include **important current topics** with many papers selected from our esteemed members to be presented and followed by intense discussions with the audience. We also offer a fantastic learning experience through our traditional **"Discussion Table Topics"** sessions where you can sit side-by-side around a round table with some of the top hair doctors in the world from clinical or surgical backgrounds.

The Las Vegas World Congress will provide a record number of **mini-courses and workshops**. None of these courses or workshops conflict with the General Session so that we will not have to choose what to miss. And better than that, **the most popular workshops will have two editions** - one in the morning, one in the afternoon - so that if you find another workshop that you would like to attend in the morning that conflicts with the most popular ones you will have the chance to attend this in the afternoon.

The mini-courses will take place on Wednesday, which is the day before the General Sessions that starts on Thursday. We will have 3 FUE Mini Courses and one SMP Mini Course (scalp micro-pigmentation) in the morning and again the same repeated in the afternoon.

**Education has never been so essential to our field.**

Unluckily, the so desired popularity of hair restoration and the current, relative pseudo-easiness to start performing hair transplantation provoked an avalanche of weekend courses, clinics and alleged professionals promoting hair treatments with much less than excellent quality standards.

**It took us decades to achieve the technical and artistic excellence we have achieved** with state of the art follicular unit transplantation (FUT) and follicular unit extraction (FUE) and the respect of patients and the general public for our results. FUE has opened a fantastic new door in the hair transplantation field, adding numerous important elements to the hair restoration practice. It has also paradoxically created a new menace to our public reputation. **The invasion of our field by non-medical practitioners and even medical ones with inadequate background and training has been reducing ethical parameters and elevating patient medical and aesthetic risk** throughout the world. The fraudulent promise of a magical procedure with no scars which also includes the disqualification and denigration of well-established methods has triggered a cascade of events that range from public seduction and misinformation to medical incompetence, which as a consequence is causing the start of an autophagic phase because of the increasing incidence of sequelae around the world. **It is our own field's responsibility to revert that scenario by bringing as many practitioners as possible to the scientific meetings in order to increase the level of education of every surgeon.** And that is one of the most important things we want by making all the necessary efforts to put together an excellent program of an outstanding congress.

**We welcome you to the ISHRS World Congress.**

Best regards,

Marcelo Pitchon, MD | Brazil

*Chair  
2016 World Congress*



**NO PHOTOGRAPHY & NO VIDEO RECORDING OF SCIENTIFIC SESSIONS**

Violators will be dismissed from the meeting. Thank you for your cooperation.





## CME CREDIT

The International Society of Hair Restoration Surgery is accredited by the Accreditation Council for Continuing Medical Education (ACCME) to provide continuing medical education for physicians.

The International Society of Hair Restoration Surgery designates this live activity for a maximum of 33.5 AMA PRA Category 1 Credits™.

Physicians should claim only the credit commensurate with the extent of their participation in the activity.

The World Congress of the International Society of Hair Restoration Surgery (Program #611100) is recognized by the American Academy of Dermatology for 33.5 AAD Recognized Credit(s) and may be used toward the American Academy of Dermatology's Continuing Medical Education Award.

## CME Mission Statement

**CME PURPOSE** The purpose of the International Society of Hair Restoration Surgery's (ISHRS) CME program is to meet the educational needs of its members and close the gap that exists between current and best practices by providing practice-oriented, scientifically-based educational activities that will maintain and advance skills and knowledge as well as promote lifelong learning for its members. CME activities will result in improvement of physician competence and performance in practice.

**CONTENT AREAS** The curriculum of the ISHRS's CME program includes but is not limited to hair transplantation, alopecia reduction and flap surgery, hair biology and physiology, congenital and acquired alopecias, other hair and scalp related ancillary procedures and disorders, and risk and practice management. (ISHRS Core Curriculum of Hair Restoration Surgery and Core Competencies of Hair Restoration Surgery). Content is determined by the integration of various sources of needs, including gaps in knowledge and/or performance of hair restoration surgeons, national guidelines, emerging research, and expert opinion.

**TARGET AUDIENCES** The target audiences of the ISHRS are as follows:

- The primary target audience is its physician members with varying medical specialty backgrounds from around the world.
- Secondary audiences for the CME program include non-member physicians, as well as residents, nurses, surgical assistants and other allied health personnel.

The ISHRS recognizes the importance of and encourages international and interdisciplinary exchange of medical knowledge and practice through calls for papers, and invitations to interdisciplinary and international speakers with special expertise.

**TYPES OF ACTIVITIES** The activities that support the CME mission are diverse and multifaceted, in order to provide multiple approaches for knowledge acquisition. CME offerings include the following:

- Annual Meeting, which may include didactic and hands-on courses, live surgery workshops, seminars, scientific sessions, and poster presentations.
- Other activities include regional live surgery and didactic workshops, enduring materials, and Internet CME.

All CME activities will be cost-effective and will meet the criteria for continuing medical education of the ACCME and the AMA Physician's Recognition Award.

**EXPECTED RESULTS** The CME program will result in improved performance in practice (such as surgical skills) and competence (medical knowledge and ability) among its participants.

All participants will be expected to provide written feedback following all educational activities, and the CME Committee will rely on this feedback as well as other methods to assess the effectiveness of educational efforts and direct changes in its CME Program.

**LEARNING OBJECTIVES** Within this program the learning objectives for each segment of the General Session are listed within the Day-by-Day outline. Course learning objectives are listed by their descriptions.

## Speaker Disclosures of Conflicts of Interest

All presenters are required to verbally disclose at the podium (or indicate on poster presentations) as well as complete a form disclosing relevant grants or other financial support; consultancies; organizational affiliations; family; departmental or personal financial involvement; patent rights; and other relevant conflicts of interest pertaining to their topic. Such disclosures are also published in the Abstract Book and course handouts provided onsite at the meeting. The ISHRS follows its approved Policy on Collection and Resolution of Conflicts of Interest for all presenters and planners.

## Certificates

All attendees will receive a personalized Certificate of Attendance in their registration packets suitable for framing.

## Obtaining CME Credits & CME Certificates

Physicians will receive in their registration packets a form called "CME Credit Claim Form." Physicians should indicate the number of CME hours they are claiming on this form and turn-in the white copy (top copy) to a collection box located near the Registration Desk. Keep the pink copy (bottom copy) for your files. Appropriate credit for attendance should be ascertained and reported by individual physicians to the particular state or medical society to which he/she belongs.

Physicians will receive an electronic only (PDF) personalized CME certificate e-mailed after the meeting. Physicians will only receive a CME certificate if the CME Credits Claimed Form is completed.

**AAD Members** – For those who subscribe to the American Academy of Dermatology (AAD) Transcript Program, you must submit an attendance validation "Green Card". We will mail your green card to the AAD after the meeting. If you did not bring a Green Card with to this meeting, you may mail it directly to the AAD when you return.

## Evaluation Surveys

The CME Committee and World Congress Committee kindly request that you complete the evaluation surveys for each workshop, course and general session that you attend. Your feedback is very valuable to us! We make changes to the program and faculty based on your comments so we may continually improve the World Congress. Those who turn in their completed General Session evaluation surveys at the end of the conference will be entered into a raffle where one name will be drawn to receive a \$100 USD coupon off of an ISHRS World Congress in the next 2 years.

An online Overall Evaluation survey will be conducted the week after the meeting in which a link and passcode will be e-mailed to each attendee. The questions on the Overall Evaluation will be different than on the session evaluations, so we ask that you complete the paper forms at the meeting and the online form after the meeting. Thank you for your participation.

## Changes to Implement When I Get Home Worksheet

In your registration packet you will find a worksheet that has been designed as a tool for you. Throughout the meeting you may wish to write down ideas and plans for change for your practice, treatment strategies, etc. You may then refer back to this worksheet in future months.

## CORPORATE SUPPORT IN-KIND

A-Z Surgical  
Ellis Instruments  
HSC Development  
Robbins Instruments

## Disclaimer

Registrants understand that the material presented at the World Congress has been made available under sponsorship of the International Society of Hair Restoration Surgery (ISHRS) for educational purposes only. This material is not intended to represent the only, nor necessarily the best, method or procedure appropriate for the medical situations discussed, but rather is intended to present an approach, view, statement or opinion of the faculty which may be of interest to others. As an educational organization, the ISHRS does not specifically approve, promote or accept the opinions, ideas, procedures, medications or devices presented in any paper, poster, discussion, forum or panel at the World Congress. Registrants waive any claim against ISHRS arising out of information presented in this Congress.

Registrants understand and acknowledge that volunteer patients have been asked to participate in the World Congress sessions for educational and training purposes. Registrants shall keep confidential the identity of, and any information received during the World Congress regarding, such volunteer patients.

Registrants further understand and agree that they cannot reproduce in any manner, including, without limitation, photographs, audiotapes and videotapes, the World Congress sessions. All property rights in the material presented, including common law copyright, are expressly reserved to the presenter or to the ISHRS. The sessions may be audio, videotaped, or photographed by the ISHRS.

Registrants also understand that operating rooms and health care facilities present inherent dangers. Registrants shall adhere to universal precautions during any Course, Workshop, or Session that they attend that may utilize cadaveric specimens, cadaveric material or sharps, and that any contact they may have with cadaveric specimens or cadaveric material shall conform to all proper medical practices and procedures for the treatment of patients for whom no medical history is available. In the event that one incurs a needle stick injury, cut, or other exposure to blood borne pathogens, the person shall immediately notify the Course, Workshop, or Session Director and the ISHRS and take such other follow-up measures as deemed appropriate.

By attending this program, in no way does it suggest that participants are trained and/or certified in the discipline of hair restoration surgery. All speakers, topics, and schedules are subject to change without prior notification and will not be considered reasons for refund requests.

Registrants agree to abide by all policies and procedures of the ISHRS. Registrants waive any claim against ISHRS for injury or other damage resulting in any way from course participation.



## FUTURE ISHRS WORLD CONGRESSES

### 25TH WORLD CONGRESS

October 4-7, 2017

**Prague, Czech Republic**

with

**WORLD LIVE SURGERY WORKSHOP**

October 1-2, 2017

**Polanica Zdrój, Poland**

### 26TH WORLD CONGRESS

October 2018

**USA**

### 27TH WORLD CONGRESS

November 13-17, 2019

**Bangkok, Thailand**

### 28TH WORLD CONGRESS

October 21-25, 2020

**Panama City, Panama**



### Caesars Palace Las Vegas Hotel & Casino

3570 South Las Vegas Blvd.

Las Vegas, NV, 89109 USA

Hotel Main Phone: 1-866-227-5938

General website:

<https://www.caesars.com/caesars-palace>

**WEATHER** In late September/early October, the Las Vegas temperatures will be in the high 80's°F (30-32°C) during the day and will likely drop into the mid-60's°F (18-20°C) at night. As Las Vegas is in the Mojave Desert, there is little rain and the nights cool off. Be sure to drink plenty of water to prevent dehydration.

**WIFI** Hi-speed wireless internet access (two devices per sleeping room) is included in the resort fee. In addition, there is complimentary wireless internet access in the meeting space and casino areas.

**MEETING ATTIRE** The attire for the educational sessions is **business**. Attire at the Saturday Evening Gala Dinner/Dance will be formal with black tie optional. If you prefer, as a tradition of the ISHRS, you may wear a costume reflective of your native country for the Gala Dinner.

**OFFICIAL LANGUAGE** The official language of the meeting is English. One-way, English to Spanish simultaneous interpretation will be provided during the General Session on Thursday, Friday and Saturday. The Friday workshops slotted for the general session room will also have one-way simultaneous interpretation. Attendees wishing to utilize a simultaneous interpretation headset must advance register for this option via the registration process.

**PERSONS WITH DISABILITIES** The ISHRS fully complies with the legal requirements of the Americans with Disabilities Act (ADA) and the rules and regulations thereof. If any participant in this educational activity is in need of support services, please notify the ISHRS Headquarters Office at 1-630-262-5399 or [info@ishrs.org](mailto:info@ishrs.org) as soon as possible, and preferably before September 16, 2016.

**CANCELLATION/REFUND POLICY** Registration fees, less a \$100.00 administration fee, will be refunded upon written notice of cancellation to the ISHRS office received on or before September 16, 2016. After September 16, 2016, there will be no refund of fees for cancellation or for lack of attendance without notification. It is your responsibility to ensure that your cancellation request has been received by the ISHRS headquarters office. "No shows" who have not pre-paid will be invoiced for the total registration fee.

**VIDEO, PHOTOGRAPHY & AUDIO RECORDING POLICY** Video recording and/or photography are strictly prohibited in all educational sessions. Under no circumstances are video, digital or still cameras to be utilized in the educational sessions. This includes photos and videos taken with cellular phones. **Violators will be dismissed from the meeting and have their cameras/equipment confiscated until the end of the meeting. Photography of scientific material is strictly prohibited. The only exception to the photography policy is photos taken by the official ISHRS photographer, for purposes of podium photos to use in ISHRS publications.**

**NOTE: We have hired a professional photographer to take a podium headshot and panel shot of every presenter in the General Session, and will offer the link to download the photos after the meeting.** Disclaimer: We will do our best to capture every presenter and panel, there is no guarantee on quality of photo.

**CELLULAR PHONE POLICY** The use of cellular phones in the General Session or workshop rooms is strictly prohibited. Attendees must either turn off or vibrate cellular phones.

### TICKETS FOR COURSES/RECEPTIONS/MEALS

Tickets **are not required** for the following:

- **Thursday Welcome Reception** in the Exhibit Hall All registrants are welcome to attend and to bring their spouse/guest.
- **General Session** Only registered attendees are permitted.
- **Exhibit Hall** Only registered attendees & exhibitors are permitted.
- **Discussion Tables with Q&A** Only registered attendees are permitted.
- **Poster Viewing**
- **Live Patient Viewing** Only registered attendees are permitted.
- **Thursday Lunch** Only registered attendees and exhibitors
- **Friday Lunch** Only registered attendees and exhibitors
- **Saturday Lunch** Only registered attendees and exhibitors

Tickets **are required** for the following:

- **Wednesday Surgical Assistants Program**
- **Wednesday Advanced/Board Review Course**
- **Wednesday Basics Course**
- **Wednesday FUE & SMP Mini Courses**
- **Wednesday Surgical Assistants Core Skills Workshop**
- **Thursday Newcomers Orientation & Speed Networking**
- **Friday Morning & Afternoon Workshops**
- **Friday M&M Conference**
- **Saturday Gala Dinner/Dance & Awards Ceremony**
- **Simultaneous Interpretation Headset**

For tickets that are not included with your main registration, you may opt to purchase them separately during the ISHRS online registration process. You will receive your tickets in your registration packet.

**RULES AND PROPER ETIQUETTE** The World Congress is an educational activity. Attendees are expected to maintain professional etiquette and extend proper courtesies. Inappropriate behaviors will not be condoned. The meeting should not be used as an opportunity for solicitation of other physicians' staff or other unethical, inappropriate, and distasteful activities. It may seem obvious, but it is inappropriate and rude to make negative or soliciting comments to the live patients in the various sessions. Negative or disparaging comments about a patient's results to the patient are offensive, psychologically hurtful, and violate our ethical commitment to "do no harm." Patients who agree to show their postoperative results, as well as the doctors who bring them, deserve our respect and support for their willingness to subject their results to scrutiny and contribute to our learning experience. Soliciting business in the meeting rooms or meeting area hallways is prohibited. Only registered exhibitors, in the Exhibit Hall, may solicit business. There will be no distribution of handouts, flyers or promotional items other than the official Abstract Book and workshop/course handouts, or other than exhibitor items in the exhibit hall. Any handout or flyer intended for the handout table by the registration desk must be pre-approved by the ISHRS Executive Director. Any unapproved handouts will be removed and discarded. Inappropriate postings on the message boards will be removed and discarded.

It is vital for the doctors to discuss their complications and show patient photos. Public disclosure of a specific doctor's complications or patients is prohibited. There are ongoing debates in any field of evolving science, and disagreement between professionals is expected. However, inflammatory or inappropriate criticism of any specific ISHRS doctor's or assistant's lecture that has been made in good faith and according to the ethical standards of our Society is prohibited.

The timing of any private social functions must be approved by the ISHRS.

The purpose of these guidelines is not to suppress free speech or to conceal items from the public; rather, it is to encourage a free exchange among doctors without worries that anything said or done will be used against them by a competitor. All doctors have complications at various times, but it takes a special form of integrity to discuss them before a large group of colleagues. By the same token, we understand that most of the non-medical promotional professionals in our field provide a helpful public service while pursuing their business interests. We hope this communication between us will be on a high professional level that will benefit both the field and the patients.

# PROGRAM AT-A-GLANCE & ROOM ASSIGNMENTS

## TUESDAY | September 27, 2016

7:30AM-5:30PM	<b>Ancillary Meeting:</b> ABHRS Primary Exam
8:30AM-6:00PM	<b>Ancillary Meeting:</b> 1st Annual Meeting of SILATC Emperors Ballroom I, Emperors Level
3:00PM-7:00PM	<b>Registration</b> Octavius Foyer
3:00PM-8:00PM	<b>Speaker Ready Room</b> Octavius 3

## WEDNESDAY | September 28, 2016

6:30AM-6:00PM	<b>Speaker Ready Room</b> Octavius 3
7:15AM-5:30PM	<b>Registration</b> Octavius Foyer
8:00AM-4:00PM	<b>ISHRS Board of Governors Meeting</b> Emperors Ballroom I, Emperors Level
8:00AM-11:30AM	<b>401: Surgical Assistants Program</b> Palace Ballroom III, Emperors Level
8:00AM-5:30PM	<b>402: Basics Course</b> Octavius 6
8:00AM-5:30PM	<b>403: Advanced/Board Review Course</b> Octavius 20
9:00AM-12:00PM	<b>Mini Courses</b> <div> <div>404: FUE Mini Course – Powered Sharp Octavius 17</div> <div>405: FUE Mini Course – Powered Blunt Octavius 18</div> <div>406: FUE Mini Course – Manual Octavius 19</div> <div>407: SMP Mini Course Octavius 16</div> </div>
12:30PM-4:30PM	<b>408: Surgical Assistants Core Skills Workshop</b> Octavius 11
1:00PM-7:00PM	<b>Exhibitors Set-up</b> Octavius 12
1:00PM-7:00PM	<b>Poster Owners Set-up</b> Octavius Foyer
2:00PM-5:00PM	<b>Mini Courses</b> <div> <div>409: FUE Mini Course – Powered Sharp Octavius 17</div> <div>410: FUE Mini Course – Powered Blunt Octavius 18</div> <div>411: FUE Mini Course – Manual Octavius 19</div> <div>412: SMP Mini Course Octavius 16</div> </div>
5:00PM-5:30PM	<b>Moderators of General Session Meeting</b> Meet at Speaker Ready Room Octavius 3
5:30PM-7:30PM	<b>Global Council of Hair Restoration Surgery Societies Meeting</b> Emperors Ballroom II, Emperors Level
6:00PM-7:30PM	<b>Ancillary Meeting: ABHRS Recertification Exam</b> Sicily, Emperors Level

## THURSDAY | September 29, 2016

6:30AM-6:00PM	Registration Octavius Foyer	
7:00AM-6:00PM	Speaker Ready Room Octavius 3	
7:00AM-8:30AM	ISHRS Ad Hoc Committee on PRP Meeting Octavius 17	
7:00AM-8:30AM	Newcomers Orientation Breakfast & Speed Networking Octavius 7	
8:00AM-9:15AM	Continental Breakfast Octavius 12 (Exhibit Hall)	
8:00AM-8:00PM	Exhibits Viewing Octavius 12	
8:00AM-8:00PM	Poster Viewing Octavius Foyer	
8:50AM-6:00PM	GENERAL SESSION Octavius 10	
10:30AM-11:00AM	Coffee Break & Visit the Exhibits Octavius 12	
12:30PM-1:30PM	Lunch Buffet Two locations: Octavius 12 (Exhibit Hall) and Octavius 10 (General Session)	
1:30PM-2:15PM	LUNCH SYMPOSIUM Octavius 10	
3:45PM-4:30PM	Coffee Break & Visit the Exhibits Octavius 12	
6:00PM-8:00PM	Welcome Reception Octavius 12 (Exhibit Hall)	

FRIDAY   September 30, 2016		
7:15AM-8:45AM	Continental Breakfast Octavius 10 (General Session)	
7:30AM-8:30AM	Discussion Table Topics Octavius 10	
8:00AM-6:00PM	Speaker Ready Room Octavius 3	
8:00AM-8:00PM	Poster Viewing Octavius Foyer	
8:15AM-5:30PM	Registration Octavius Foyer	
9:00AM-10:30AM	MORNING WORKSHOPS	
PHYSICIANS ONLY	101: PRP Octavius 5	102: FUE- Basic Concepts Octavius 6
	103: Avoiding Poor Technique Octavius 18	104: New Devices for FUE Octavius 17
	105: Beard and Eyebrow Octavius 8	
OPEN TO ALL CATEGORIES	106: Implanters Octavius 10	107: Surgical Assistant Topic: Patient Management Octavius 19
10:30AM-6:00PM	Exhibits Viewing Octavius 12	
10:30AM-11:00AM	Coffee Break & Visit the Exhibits Octavius 12	
11:00AM-5:15PM	GENERAL SESSION Octavius 10	
12:00PM-1:00PM	Box Lunch Two locations: Octavius 12 (Exhibit Hall) and Octavius 10 (General Session)	

## 1:00PM-2:30PM AFTERNOON WORKSHOPS

PHYSICIANS ONLY	111: Implanters Octavius 6	112: FUE- Advanced Topics Octavius 5
	113: PRP Octavius 8	114: Medical Management Octavius 17
	115: Hairline Design Octavius 18	
OPEN TO ALL CATEGORIES	116: Avoiding Poor Technique Octavius 10	117: Surgical Assistant Topic: Non-Medical Treatments Octavius 19
2:30PM-3:00PM	<b>Coffee Break &amp; Visit the Exhibits</b> Octavius 12	
5:15PM-6:00PM	<b>Visit the Exhibits</b> Octavius 12	
5:15PM-7:00PM	<b>Surgical Assistants Committee Meeting</b> Umbria	
5:45PM-7:45PM	<b>221: M&amp;M Conference</b> Octavius 17	

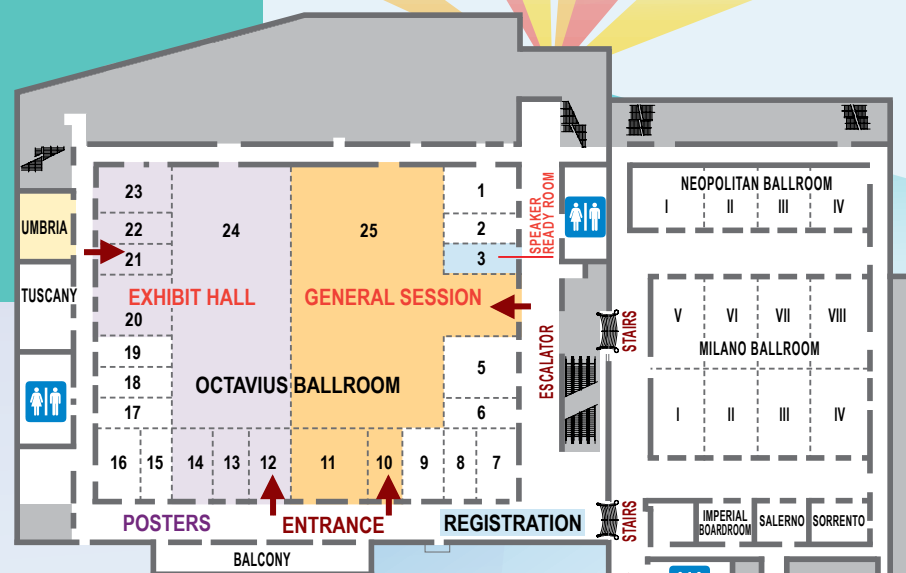
## SATURDAY | October 1, 2016

7:30AM-8:30AM	<b>Discussion Table Topics</b> Octavius 10
8:00AM-9:15AM	<b>Continental Breakfast</b> (in Exhibit Hall) Octavius 12
8:00AM-2:00PM	<b>Exhibits Viewing</b> Octavius 12
8:00AM-12:00PM	<b>Poster Viewing</b> Octavius Foyer
8:00AM-3:15PM	<b>Speaker Ready Room</b> Octavius 3
8:30AM-4:30PM	<b>Registration</b> Octavius Foyer
9:00AM-3:30PM	<b>GENERAL SESSION</b> Octavius 10
9:00AM-9:20AM	<b>Poster Awards &amp; Research Grants</b>
9:20AM-10:30AM	<b>ISHRS General Membership Business Meeting &amp; Awards</b>
10:30AM-11:00AM	<b>Coffee Break &amp; Visit the Exhibits</b> Octavius 12
12:00PM-2:00PM	<b>Posters Dismantle</b>
12:20PM-2:00PM	<b>Last Chance to View Exhibits</b> Octavius 12
12:20PM-1:00PM	<b>Box Lunch</b> Two locations: Octavius 12 (Exhibit Hall) and Octavius 10 (General Session)
1:00PM-1:45PM	<b>LUNCH SYMPOSIUM</b> Octavius 10
2:00PM-7:00PM	<b>Exhibits Dismantle</b>
3:30PM	<b>Main Meeting/General Session Adjourns</b>
3:30PM-4:30PM	<b>Live Patient Viewing</b> Octavius 8
3:45PM-4:45PM	<b>CME Committee Meeting</b> Octavius 17
5:00PM-6:00PM	<b>ISHRS Board of Governors Meeting</b> Octavius 17
7:00PM-12:00AM	<b>Gala Dinner &amp; Awards Ceremony</b> Octavius 4

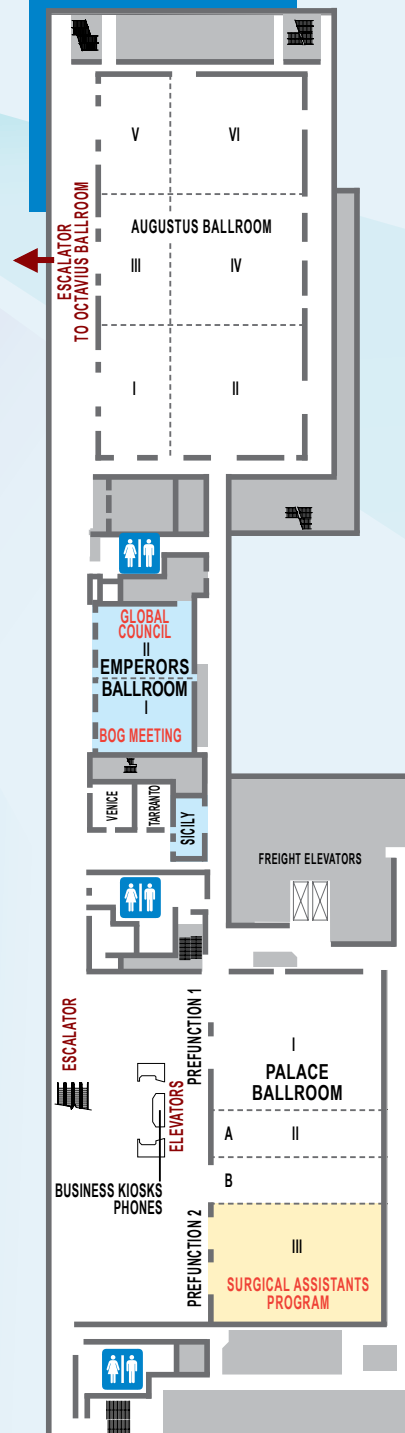


# MEETING SPACE FLOOR PLAN

## PROMENADE LEVEL



## EMERORS LEVEL

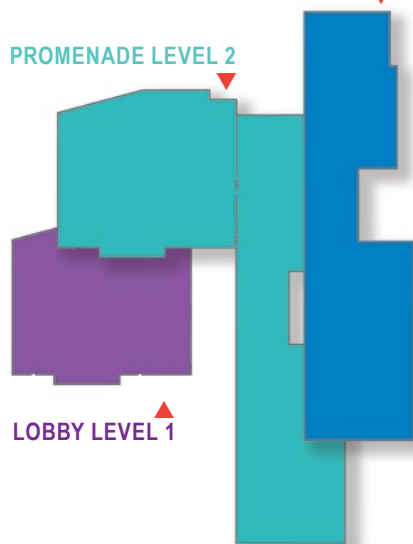


## WORLD CONGRESS FLOOR LEVELS

### EMPERORS LEVEL 3

### PROMENADE LEVEL 2

### LOBBY LEVEL 1



ENTRANCE  
TO CONFERENCE  
CENTER

**WEDNESDAY | September 28, 2016**6:30AM-6:00PM **Speaker Ready Room**7:15AM-5:30PM **Registration**8:00AM-4:00PM **ISHRS Board of Governors Meeting**  
(invitation only)8:00AM-11:30AM **401: Surgical Assistants Program**  
(ticket required) **NO CME**Sara Roberts, RN | United Kingdom  
Ken L. Williams, Jr., DO, FISHRS | USA8:00AM-5:30PM **402: Basics Course in Hair Restoration Surgery** (ticket required)Greg Williams, MBBS, FISHRS | United Kingdom  
Mauro Speranzini, MD, FISHRS | Brazil8:00AM-5:30PM **403: Advanced/Board Review Course**  
(ticket required)Marco N. Barusco, MD | USA  
Bernard A. Arocha, MD, FISHRS | USA

9:00AM-12:00PM

**404: FUE Mini Course – Powered Sharp Punch Systems – Shaven and Non-Shaven FUE** (ticket required)

Jae-Hyun Park, MD | South Korea

**405: FUE Mini Course – Powered Blunt Punch System for FUE** (ticket required)

Kapil Dua, MBBS, MS | India

**406: FUE Mini Course – Manual, Non-Powered FUE Techniques** (ticket required)

Flavia Barsali, MD | Portugal

**407: Scalp Micropigmentation (SMP) Mini Course** (ticket required)

William R. Rassman, MD | USA

12:30PM-4:30PM

**408: Surgical Assistants Core Skills Workshop** (ticket required) **NO CME**

Emina Vance | USA

1:00PM-7:00PM

**Exhibitor Set-up**

1:00PM-7:00PM

**Poster Set-up**

2:00PM-5:00PM

**409: FUE Mini Course – Powered Sharp Punch Systems – Shaven and Non-Shaven FUE** (ticket required)

Jae-Hyun Park, MD | South Korea

**410: FUE Mini Course – Powered Blunt Punch System for FUE** (ticket required)

Kapil Dua, MBBS, MS | India

**411: FUE Mini Course – Manual, Non-Powered FUE Techniques** (ticket required)

Flavia Barsali, MD | Portugal

**412: Scalp Micropigmentation (SMP) Mini Course** (ticket required)

William R. Rassman, MD | USA

5:00PM-5:30PM

**Moderators Meeting** (invitation only)

5:30PM-7:30PM

**Global Council of Hair Restoration Surgery Societies Meeting** (invitation only)

6:00PM-7:30PM

**Ancillary Meeting: ABHRS Recertification Exam****ISHRS MEETING Newcomers Program**

William M. Parsley, MD

**Welcome Newcomers!**

In its eighth year, this program is designed to help our newest ISHRS meeting attendees become acquainted with the Society, its members, and the field.

"Newcomers" were paired with volunteer member "hosts" prior to the meeting and with an option to extend the collegial relationship for 2 years as an informal mentorship relationship.

Pairs are encouraged to e-mail or talk prior to the meeting, to attend the Newcomers Orientation & Speed Networking session, to sit together during the Thursday opening session, and for the host to make the newcomer feel welcome by introducing him/her to other ISHRS members.

All registration categories were welcome to participate.

For those interested in participating in next year's annual meeting, please notify ISHRS Headquarters, [info@ishrs.org](mailto:info@ishrs.org).





**THURSDAY | September 29, 2016**

6:30AM-6:00PM	<b>Registration</b>
7:00AM-6:00PM	<b>Speaker Ready Room</b>
7:00AM-8:30AM	<b>ISHRS Ad Hoc Committee on PRP Meeting</b> (invitation only)
7:00AM-8:30AM	<b>Newcomers Orientation Breakfast &amp; Speed Networking</b> (ticket required) William M. Parsley, MD   USA
8:00AM-9:15AM	<b>Continental Breakfast</b> (in Exhibit Hall)
8:00AM-8:00PM	<b>Exhibits</b>
8:00AM-8:00PM	<b>Poster Viewing</b>
8:50AM-6:00PM	<b>GENERAL SESSION</b>
8:50AM-9:25AM	<b>Opening Session</b> LEARNING OBJECTIVES • Describe program goals.
8:55AM-9:09AM	<b>14 Program Chair Welcome &amp; Announcements</b> <b>001</b> Marcelo Pitchon, MD   Brazil
9:10AM-9:25AM	<b>15 President's Address</b> <b>002</b> Kuniyoshi Yagyu, MD, FISHRS   Japan
9:27AM-10:30AM	<b>Cell Therapy, Gene Therapy, Biotechnology</b> LEARNING OBJECTIVES • Describe ongoing studies involving pharmacologic agents being tested for treatment of androgenetic alopecia. • Review the latest developments in molecular regulation of hair follicle function and discuss their relevance to clinical practice.
9:27AM-9:29AM	<b>2 Moderator Introduction</b> <b>003</b> Aditya K. Gupta, MD, PhD, MBA, FISHRS   Canada
9:30AM-9:44AM	<b>14 Biotech Updates in Hair Growth</b> <b>004</b> Nilofer P. Farjo, MBChB, FISHRS   United Kingdom
9:45AM-10:05AM	<b>20 Potency and Contribution of Stem Cells to Hair Follicle Regeneration</b> FEATURED GUEST SPEAKER <b>005</b> Pantelis Rombolas, PhD   USA <i>Assistant Professor of Dermatology, Perelman School of Medicine, University of Pennsylvania, Philadelphia, PA, USA</i>
10:06AM-10:13AM	<b>7 The Sweat Gland: An Integral Anatomical Part of the Follicular Unit</b> <b>006</b> Francisco Jimenez, MD, FISHRS   Spain
10:14AM-10:30AM	<b>16 Questions &amp; Answers</b>
10:30AM-11:00AM	<b>Coffee Break &amp; Visit Exhibits/View Posters</b>

11:00AM-11:45AM	<b>Current Perspectives in Hair Restoration Surgery</b> LEARNING OBJECTIVES • Evaluate donor area response in FUE procedures. • Evaluate and compare hair growth rate of FUE grafts versus grafts from standard strip harvesting technique.
11:00AM-11:02AM	<b>2 Moderator Introduction</b> <b>007</b> Robert S. Haber, MD, FISHRS   USA
11:03AM-11:10AM	<b>7 Follicular Unit Extraction: Evolution of a Technology</b> <b>008</b> William R. Rassman, MD   USA
11:11AM-11:18AM	<b>7 Occipital Area Thinning Caused by FUE</b> <b>009</b> Bradley R. Wolf, MD, FISHRS   USA
11:19AM-11:26AM	<b>7 Potential of Donor in FUE, FUT &amp; Combination FUE/FUT</b> <b>010</b> Ronald L. Shapiro, MD, FISHRS   USA
11:27AM-11:34AM	<b>7 Effects of FUE Transection on Graft Growth</b> <b>011</b> Jean M. Devroye, MD, FISHRS   Belgium
11:35AM-11:45AM	<b>10 Questions &amp; Answers</b>
11:50AM-12:30PM	<b>FUE Delegation: Is it Ethical &amp; Legal?</b> LEARNING OBJECTIVES • Understand what aspects of FUE are commonly delegated. • List the factors you should consider prior to determining what aspects of FUE you will delegate.
11:50AM-11:55AM	<b>5 Moderator Introduction &amp; Overview</b> <b>012</b> Carlos J. Puig, DO, FISHRS   USA
11:56AM-12:11PM	<b>15 Think Before You Delegate</b> <b>013</b> Peter A. Gaido, JD, Gaido & Fintzen Attorneys at Law, Chicago   USA
12:12PM-12:30PM	<b>18 Panel Discussion</b> PANELISTS <b>014</b> Kapil Dua, MBBS, MS   India <b>015</b> Sharon A. Keene, MD, FISHRS   USA <b>016</b> Ricardo Mejia, MD   USA <b>017</b> O. Tayfun Oguzoglu, MD   Turkey <b>018</b> Greg Williams, MBBS, FISHRS   United Kingdom <b>019</b> Ken L. Williams, Jr., DO, FISHRS   USA

12:30PM-1:30PM	<b>Lunch Buffet</b> For all registered attendees and exhibitors. Multiple, identical lunch buffets will be set-up in the general session area and exhibit area. You may sit at round tables in general session or exhibit hall to enjoy your meal. You must have your name badge for lunch buffet.
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**1:30PM-2:15PM LUNCH SYMPOSIUM****The Patient Interview: Let's Talk**

## LEARNING OBJECTIVES

- Recognize surgical limitations in marginal candidates and develop appropriate treatment plans for these patients.
- Appropriately consult patients with regards to FUT versus FUE.

**1:30PM-1:36PM 6 Moderator Introduction****020** James A. Vogel, MD | USA**1:37PM-2:15PM 38 Interactive Panel Discussion**

## PANELISTS

- 021** Bessam K. Farjo, MBChB, FISHRS | United Kingdom
- 022** Vincenzo Gambino, MD, FISHRS | Italy
- 023** Sharon A. Keene, MD, FISHRS | USA

**2:30PM-3:03PM New and Available Possibilities in Hair Restoration**

## LEARNING OBJECTIVES

- Describe different surgeons' novel approaches in hair restoration.

**2:30PM-2:32PM 2 Moderator Introduction****024** Damkereng Pathomvanich, MD, FISHRS | Thailand**2:33PM-2:40PM 7 A Histological and Clinical Evaluation of Plasma as a Graft Holding Solution and its Efficacy in Terms of Hair Growth and Graft Survival****025** Anil K. Garg, MBBS, MS, MCh | India**2:41PM-2:48PM 7 Assessing the Effect of Scalp Massage Exercises on Scalp Elasticity****026** Taleb Barghouthi, MD | Jordan**2:49PM-2:56PM 7 Punch-and-Place Grafts Technique with Choi Implanters for Wide 4th Degree Burn Scalp Scar: A Substitute for Tissue Expander****027** Dae-Young Kim, MD, PhD, FISHRS | South Korea**2:57PM-3:03PM 6 Questions & Answers****3:05PM-3:45PM Surgical Videos: Session I**

## LEARNING OBJECTIVES

- Describe different surgeons' novel approaches in hair restoration.

**3:05PM-3:07PM 2 Moderator Introduction****028** Akaki Tsilosani, MD, PhD | Georgia**3:08PM-3:13PM 5 VIDEO: Surgical Considerations During the FUE Test****029** Ali Emre Karadeniz, MD | Turkey**3:14PM-3:19PM 5 VIDEO: A Comparative Study Between Pre-Trimming and Direct Non-Shaven FUE Techniques****030** Jae-Hyun Park, MD | South Korea**3:20PM-3:25PM 5 VIDEO: Two-Angle Incision and Two-Angle Suture to Minimize the FUSS Scars****031** Kun Oc, MD | South Korea**3:26PM-3:31PM 5 VIDEO: Implanters Use in Hair Transplant with Long Hair****032** Christine Guimarães, MD | Brazil**3:32PM-3:37PM 5 VIDEO: Grafts Implantation Into Pre-Made Sites Using an Implanter****033** Arika Bansal, MD | India**3:38PM-3:45PM 7 Questions & Answers****3:45PM-4:30PM Coffee Break & Visit Exhibits/View Posters**



<b>4:30PM-5:25PM</b>	<b>Recipient Area</b>
	LEARNING OBJECTIVES • Describe approaches to the recipient area.
<b>4:30PM-4:32PM</b>	<b>2 Moderator Introduction</b>
<b>034</b>	Paul T. Rose, MD, JD, FISHRS   USA
<b>4:33PM-4:38PM</b>	<b>5 Depth Controlled Graft Placement Using Hwang Implanter</b>
<b>035</b>	Sungjoo (Tommy) Hwang, MD, PhD, FISHRS   South Korea
<b>4:39PM-4:47PM</b>	<b>8 FUE Graft Placement with Dull Needle Implanters Into Pre-Made Sites</b>
<b>036</b>	Mauro Speranzini, MD   Brazil
<b>4:48PM-4:56PM</b>	<b>8 Differential Graft Placement</b>
<b>037</b>	Bradley R. Wolf, MD, FISHRS   USA
<b>4:57PM-5:05PM</b>	<b>8 Application of Fat Grafting in Head Scars Reconstruction and Follicular Unit Transplantation</b>
<b>038</b>	Jerzy R. Kolasinski, MD, PhD, FISHRS   Poland
<b>5:06PM-5:12PM</b>	<b>6 The Main Cause of Necrosis on Recipient Site, Prevention and Management</b>
<b>039</b>	Gholamali Abbasi, MD   Iran
<b>5:13PM-5:25PM</b>	<b>12 Questions &amp; Answers</b>

<b>5:30PM-6:00PM</b>	<b>Surgical Videos: Session II</b>
	LEARNING OBJECTIVES • Describe different surgeons' novel approaches in hair restoration.
<b>5:30PM-5:32PM</b>	<b>2 Moderator Introduction</b>
<b>040</b>	Mario Marzola, MBBS   Australia
<b>5:33PM-5:38PM</b>	<b>5 VIDEO: State-of-the-Art: Ultrasound Assisted PRP Scalp Injections</b>
<b>041</b>	Ken L. Williams, Jr., DO, FISHRS   USA
<b>5:39PM-5:44PM</b>	<b>5 VIDEO: Shaky Flat FUE System: An Original Approach to Improve FUE Procedure Quality</b>
<b>042</b>	Jean M. Devroye, MD, FISHRS   Belgium
<b>5:45PM-5:50PM</b>	<b>5 VIDEO: Surgical Hairline Lowering for the Treatment of the High Female Hairline</b>
<b>043</b>	Sheldon S. Kabaker, MD   USA
<b>5:51PM-6:00PM</b>	<b>9 Questions &amp; Answers</b>
<b>6:00PM-8:00PM</b>	<b>Welcome Reception (in Exhibit Hall)</b>

# Welcome RECEPTION

*Join us*

DATE Thursday | September 29, 2016  
TIME 6:00PM-8:00PM  
FEE No extra fee required.  
LOCATION ISHRS Exhibit Hall in Octavius Ballroom  
enter through Octavius 12

in the Exhibit Hall after the first stimulating day of the meeting to connect with your colleagues, meet new friends, and unwind. The Welcome Reception is a great opportunity to spend time talking with exhibitors about their products and services in a relaxed atmosphere. Cocktails and hors d'oeuvres will be served. This event is open to all meeting attendees, their guests, and exhibitors.



## FRIDAY | September 30, 2016

7:15AM-8:45AM

**Continental Breakfast**

Continental breakfast served in the General Session this morning for Discussion Table Topics, for registered attendees.

7:30AM-8:30AM

**Discussion Table Topics**

**Open to all attendees** on a first-come, first-served basis.

**This is an informal session** for small groups to discuss specific topics as noted on the list. The round tables in the General Session will be labeled with topics and table leaders' names. You may sit or stand by any table you like and rotate to as many tables as you wish.

**Bring your questions!** The idea is to have dialogue among those interested in the topic – an interesting conversation. These are not formal presentations.

**LEARNING OBJECTIVES**

- Discuss various hair restoration surgery topics in-depth in small groups.

044  
045**1. Adjusting Technical Variables According to Patient Variables in FUE**

Jean M. Devroye, MD, FISHRS | Belgium  
Robert H. True, MD, MPH, FISHRS | USA

046  
047**2. AGA Medical Treatments**

Marc R. Avram, MD, FISHRS | USA  
Rodney Sinclair, MD, MBBS | Australia

048  
049**3. Asian Hair**

Dae-Young Kim, MD, PhD, FISHRS | South Korea  
Ratchathorn Panchaprateep, MD | Thailand

050  
051**4. Avoiding FUE Sequelae**

Christian N. Bisanga, MD | Belgium  
Glenn M. Charles, DO | USA

052  
053**5. Body Hair Transplantation**

Chiara Insalaco, MD | Italy  
Sanusi H. Umar, MD | USA

054  
055**6. Business Development-Attracting Patients**

Lillian Carr | USA  
Barbara Werner | USA

056  
057**7. Eyebrow Hair Transplantation**

Anastasios Vekris, MD | Greece  
Sara M. Wasserbauer, MD, FISHRS | USA

058  
059**8. Female Hair Restoration**

Paul C. Cotterill, MD, FISHRS | Canada  
Russell Knudsen, MBBS, FISHRS | Australia

060  
061**9. FUE and FUT Combined for Megasessions**

Márcio R. Crisóstomo, MD, FISHRS | Brazil  
Akaki Tsilosani, MD, PhD | Georgia

062  
063**10. FUE Megasessions Planning and Execution**

Marco N. Barusco, MD | USA  
David S. Josephitis, DO, FISHRS | USA

064  
065**11. Graft Placement Techniques**

William M. Parsley, MD, FISHRS | USA  
Bradley R. Wolf, MD, FISHRS | USA

066  
067**12. Hairline Design Basic Concepts for FUE Beginners - Avoiding Serious Sequelae**

TBD  
Anthony J. Mollura, MD | USA

068  
069**13. High Quality Video and Photography in Hair Restoration**

Robert S. Haber, MD, FISHRS | USA  
James E. Vogel, MD, FISHRS | USA

070  
071**14. Implanters for FUE - How to Start**

Vance W. Elliott, MD, FISHRS | Canada  
William R. Rassman, MD | USA

072  
073**15. Introducing FUE to a FUT Practice and Vice-Versa**

Asim I. Shahmalak, MBBS | United Kingdom  
TBD

074  
075**16. Low Level Laser Therapy**

Robert T. Leonard, Jr., DO, FISHRS | USA  
Maria Angélica Muricy, MD | Brazil

076  
077**17. Post Finasteride Syndrome Issue Discussion**

Alan R. Jacobs, MD | USA  
Dow B. Stough, MD | USA

078  
079**18. Preview Long Hair Transplantation**

Ricardo Gomes de Lemos, MD | Brazil  
Marcelo Pitchon, MD | Brazil

080  
081**19. PRP Preparation Basics - How To Get Started**

Joseph Greco, PhD, PA/C | USA  
Francisco Le Voci, MD | Brazil

082  
083**20. Quality Control for Hair Restoration Surgeons**

Laureen Gorham, RN | USA  
Emina Vance | USA

084  
085**21. Scalp Diagnosis Devices**

Nicole E. Rogers, MD, FISHRS | USA  
TBD

086  
087**22. Scalp Micropigmentation in Men and Women - Incorporating It Into Your Practice**

Jae P. Pak, MD | USA  
Jae-Hyun Park, MD | South Korea

088  
089**23. Spanish-Speaking Table: Introducing FUE to Your Practice**

Oscar A. Marinacci, MD | Argentina  
Rene A. Rodriguez, MD | Columbia

090  
091**24. Spanish-Speaking Table: PRP**

Leoncio E. Moncada, MD | Venezuela  
TBD

092  
093**25. Stem Cells and Adipose-Derived Tissue Stromal Vascular Fraction (SVF)**

Mario Marzola, MBBS | Australia  
Ken L. Williams, Jr., DO, FISHRS | USA

094  
095**26. Surgical Assistant Topic: Surgery Work Flow**

Arita Kastrati | United Kingdom  
Salome Vadachkoria, BBA, MBA | Georgia

096  
097**27. Transgender Hair Transplants**

Sheldon S. Kabaker, MD, FISHRS | USA  
Samuel M. Lam, MD, FISHRS | USA

098  
099**28. Treating the Young Patient**

Konstantinos K. Anastassakis, MD, PhD | Greece  
Vincenzo Gambino, MD, FISHRS | Italy

8:00AM-6:00PM

**Speaker Ready Room**

8:00AM-8:00PM

**Poster Viewing**

8:15AM-5:30PM

**Registration**



## MORNING WORKSHOPS

Only coffee served in the morning workshops (no breakfast).

Note: no extra fee, but you must register to obtain a ticket. There are limited tickets for many of the workshops. It is first-come, first-served based on meeting registration...so register early!

From 8:30AM-8:55AM a ticket is required for entry, but after this time the room will open and those attendees waiting for access without a ticket may enter, if seats are available. After 8:55AM tickets are no longer valid.

Some workshops are for physicians only and others are for any registration category. Exhibitors are not eligible to attend.

9:00AM-10:30AM	<b>101: Workshop – PRP for Hair Restoration</b> <b>PHYSICIANS ONLY</b> Robert P. Niedbalski, DO   USA
	<b>102: Workshop – FUE – Basic Concepts</b> <b>PHYSICIANS ONLY</b> Ken L. Williams, Jr., DO, FISHRS   USA
	<b>103: Workshop – Avoiding Poor Technique, Poor Planning, Poor Growth and Bad Results</b> <b>PHYSICIANS ONLY</b> Robert S. Haber, MD, FISHRS   USA
	<b>104: Workshop – New Devices for FUE</b> <b>PHYSICIANS ONLY   NO CME</b> Luis Roberto Trivellini, MD   Paraguay
	<b>105: Workshop – Beard and Eyebrow Reconstruction and Harvesting</b> <b>PHYSICIANS ONLY</b> Robert H. True, MD, MPH, FISHRS   USA Sara M. Wasserbauer, MD, FISHRS   USA
	<b>106: Workshop – Implanters</b> <b>OPEN TO ALL CATEGORIES</b> Vance W. Elliott, MD   Canada <i>This Workshop will take place in the General Session room. One-way simultaneous interpretation will be provided ENGLISH-TO-SPANISH.</i>
	<b>107: Workshop – Surgical Assistant Topic Patient Management: Comfort on the Day of Surgery</b> <b>OPEN TO ALL CATEGORIES   NO CME</b> Aileen R. Ullrich, CMA   USA
10:30AM-6:00PM	<b>Exhibits</b>

## 11:00AM-5:15PM GENERAL SESSION

### 11:00AM-12:00PM **Finasteride Panel**

#### LEARNING OBJECTIVES

- Review the latest studies on the efficacy and safety of finasteride 1 mg in androgenetic alopecia.
- Discuss possible adverse events related to finasteride use, including claims of persistent sexual dysfunction.

### 11:00AM-11:12AM **12 Moderator Introduction & Overview**

**100** Ken J. Washenik, MD, PhD, FISHRS | USA

### 11:13AM-11:33AM **20 Post-Finasteride Syndrome and the Neuroendocrine System**

#### **101** FEATURED GUEST SPEAKER

Alan R. Jacobs, MD  
*Neuroendocrinology Private Practice,  
New York, NY, USA*

### 11:34AM-12:00PM **26 Panel Discussion**

#### PANELISTS

- 102** Robert M. Bernstein, MD, FISHRS | USA  
**103** Edwin S. Epstein, MD, FISHRS | USA  
**104** Nilofer P. Farjo, MBChB, FISHRS | United Kingdom  
**105** Russell Knudsen, MBBS, FISHRS | Australia

### 12:00PM-1:00PM **Box Lunch**

For all registered attendees and exhibitors. Pick-up your box lunch from one of the several box lunch stations located in the general session area and exhibit area.

For Attendees: You may choose to enjoy your lunch break by attending the lunch symposium, visiting the exhibits, or sitting in the lobby or outside areas or in your hotel room. There are round tables set-up in the exhibit hall, if you choose to eat there.

You must have your name badge to obtain a lunch.



## AFTERNOON WORKSHOPS

Bring your box lunch and drink to your workshop room.

Note: no extra fee, but you must register to obtain a ticket. There are limited tickets for many of the workshops. It is first-come, first-served based on meeting registration...so register early!

From 12:30PM-12:55PM a ticket is required for entry, but after this time the room will open and those attendees waiting for access without a ticket may enter, if seats are available. After 12:55PM tickets are no longer valid.

Some workshops are for physicians only and others are for any registration category. Exhibitors are not eligible to attend.

- |               |  |
|---------------|--|
| 1:00PM-2:30PM | <b>111: Workshop – Implanters</b><br><b>PHYSICIANS ONLY</b><br>Vance W. Elliott, MD   Canada   |
|               | <b>112: Workshop – FUE- Advanced Topics</b><br><b>PHYSICIANS ONLY   NO CME</b><br>James A. Harris, MD, FISHRS   USA  |
|               | <b>113: Workshop – PRP for Hair Restoration</b><br><b>PHYSICIANS ONLY</b><br>Robert P. Niedbalski, DO   USA  |
|               | <b>114: Workshop – Medical Management for Male &amp; Female Pattern Hair Loss</b><br><b>PHYSICIANS ONLY</b><br>Francisco Jimenez, MD, FISHRS   Spain   |
|               | <b>115: Workshop – Hairline Design and Recipient Area Planning</b><br><b>PHYSICIANS ONLY</b><br>Arthur Tykocinski, MD, FISHRS   Brazil   |
|               | <b>116: Workshop – Avoiding Poor Technique, Poor Planning, Poor Growth and Bad Results</b><br><b>OPEN TO ALL CATEGORIES</b><br>Robert S. Haber, MD, FISHRS   USA<br><i>This Workshop will take place in the General Session room. One-way simultaneous interpretation will be provided ENGLISH-TO-SPANISH.</i> |
|               | <b>117: Workshop – Surgical Assistant Topic: Non-Medical Treatments: The Surgical Assistants Role in LLLT, SMP, Camouflage, PRP and Medications</b><br><b>OPEN TO ALL CATEGORIES   NO CME</b><br>Janna Shafer   USA  |

2:30PM-3:00PM **Coffee Break & Visit Exhibits/View Posters**  
**FORMAL POSTER SESSION**

3:00PM-3:55PM **Medical and Surgical Science**

### LEARNING OBJECTIVES

- Discuss various hair research projects and how they may impact therapies or treatments for hair loss.

3:00PM-3:02PM **2 Moderator Introduction**

**106** Dow B. Stough, MD | USA

3:03PM-3:23PM **20 ADVANCES IN HAIR BIOLOGY LECTURE**

**Advancing Our Understanding of the Biology of Androgenetic Alopecia and Changing the Way We Use Minoxidil to Treat It**

### FEATURED GUEST SPEAKER

**107** Rod Sinclair, MBBS, MD, FACD

*Professor of Dermatology at the University of Melbourne and Director of Dermatology at the Epworth Hospital, Melbourne, Australia*

The Advances in Hair Biology Lectureship is generously supported by a grant from BOSLEY.

3:24PM-3:31PM **7 Comparison Study of the Effect of Six Different Stress Factors on Grafts Stored at Room Temperature and at 4 Degrees Centigrade**

**108** Michael L. Beehner, MD | USA

3:32PM-3:39PM **7 A Comparison Study of Transection Rate and Wound Surface Size Caused by a Manual and Mechanized Sharp Punch in FUE**

**109** Georgios Zontos, MD, PhD | Greece

3:40PM-3:55PM **15 Questions & Answers**





**4:00PM-5:15PM Donor Area**

## LEARNING OBJECTIVES

- Describe techniques & instruments that can be used for FUE harvesting including their advantages and disadvantages.
- Evaluate donor area response in FUE procedures.

**4:00PM-4:07PM 7 Moderator Introduction****110** Robert H. True, MD, MPH, FISHRS | USA**4:08PM-4:18PM 10 New Technique FUE with Suction Assisted****111** Luis Roberto Trivellini, MD | Paraguay**4:19PM-4:26PM 7 Robotic Follicular Unit Graft Selection****112** Robert M. Bernstein, MD, FISHRS | USA**4:27PM-4:34PM 7 The Open Punch and Long Hair FUE****113** Otavio Boaventura Lima, MD | Brazil**4:35PM-4:42PM 7 Different Punches for Different Patients: The Utility of Using a Variety of FUE Devices****114** David S. Josephitis, DO, FISHRS | USA**4:43PM-4:50PM 7 The Importance of Biological Creep in Donor Harvesting****115** Carlos J. Puig, DO, FISHRS | USA**4:51PM-4:56PM 5 The Measurement and Comparison of Hair Angle with Digital Protractor and of Hair Follicle Angle with Ultrasound Skin Scanner of the Permanent Hair-Bearing Occipital Region****116** Sungin Cho, MD, PhD | South Korea**4:57PM-5:15PM 18 Questions & Answers****5:15PM-6:00PM Exhibits****5:15PM-7:00PM Surgical Assistants Committee Meeting**  
(invitation only)**5:45PM-7:45PM ISHRS & ABHRS M&M Conference** (ticket required)

5:45PM -7:45PM ■ Education

6:30PM ■ Dinner service begins

Márcio Crisóstomo, MD, FISHRS | Brazil

**221-ISHRS & ABHRS Morbidity & Mortality (M&M) Conference**

DATE Friday | September 30, 2016

TIME 5:45PM-7:45PM

FEE \$75

LEVEL All Levels Physicians Only

**Director:** Márcio Crisóstomo, MD, FISHRS

The Morbidity and Mortality (M&M) Conference is an opportunity to learn about the complications that have been encountered in the practice of hair restoration. We are usually happy to share the stories and photos of great patient outcomes; the M&M Conference is a chance to share and learn from our colleagues when patient care doesn't go the way we hoped it would.



Márcio Crisóstomo, MD

Traditionally, M&M conferences are recurring meetings held by medical services at academic medical centers, most large private medical and surgical practices, and other medical centers. They are peer reviews of mistakes made or complications that occur during the care of patients. The objective of the conference is to provide recommendations on how to eliminate the likelihood of repeat occurrences. Information presented at the M&M Conference is protected and held in confidence, and all attendees are required to sign a confidentiality agreement.

Morbidity and mortality conferences are non-punitive and focus on the goal of improved patient care. The proceedings highlight recent cases and identify areas of improvement for clinicians involved in the case. Publicly presenting our complications takes tremendous courage but ultimately leads to the very best learning opportunities. Physicians will present their cases and then audience members will formulate and pose questions to the presenter to discuss how the case may have been managed differently.

Dinner will be served and is included in the course fee. Registration is limited.

**Please consider submitting a case, which will be reviewed for inclusion in this or future M&M conferences.**

## LEARNING OBJECTIVES

Upon completion of the course you will be able to:

- Review the management of common and uncommon complications.
- Learn from complications and errors, to modify future patient care based on previous experiences.
- Prevent the repetition of errors leading to complications.
- Identify areas for future improvement and evaluate systems issues which affect patient care.



**SATURDAY | October 1, 2016**

Only coffee available in the morning in the General Session room for Discussion Table Topics for registered attendees.  
Then, continental breakfast at 8:00AM in the Exhibit Hall.

**7:30AM-8:30AM Discussion Table Topics**

**Open to all attendees** on a first-come, first-served basis.

**This is an informal session** for small groups to discuss specific topics as noted on the list. The round tables in the General Session will be labeled with topics and table leaders' names. You may sit or stand by any table you like and rotate to as many tables as you wish.

**Bring your questions!** The idea is to have dialogue among those interested in the topic – an interesting conversation. These are not formal presentations.

**LEARNING OBJECTIVES**

- Discuss various hair restoration surgery topics in-depth in small groups.

- |            |   |
|------------|---|
| 117<br>118 | <b>1. Avoiding FUT Sequelae</b><br>Raymond J. Konior, MD   USA<br>Mohammad Humayun Mohmand, MD, FISHRS   Pakistan   |
| 119<br>120 | <b>2. Beard and Chest FUE Hair Transplantation</b><br>Ozgur Oztan, MD   Turkey<br>Piero Tesauro, MD   Italy   |
| 121<br>122 | <b>3. Best Methods for Curly Hair FUE</b><br>Patrick Mwamba, MD   USA<br>TBD  |
| 123<br>124 | <b>4. Biotechnology in Hair Regeneration</b><br>Angela M. Christiano, PhD   USA<br>Ken J. Washenik, MD, PhD, FISHRS   USA                                     |
| 125<br>126 | <b>5. Eyelash Transplantation</b><br>Gholamali Abbasi, MD   Iran<br>Paul M. Straub, MD, FISHRS   USA  |
| 127<br>128 | <b>6. Female Pattern Alopecia: Clinical and Alternative Treatment Options</b><br>Steven P. Gabel, MD, FISHRS   USA<br>Dirlene Melo Palmeira Roth, MD   Brazil |
| 129<br>130 | <b>7. Graft Survival and Storage Solutions</b><br>Paul T. Rose, MD, JD, FISHRS   USA<br>TBD   |
| 131<br>132 | <b>8. Hairline Optimal Design - Advanced</b><br>Ronald L. Shapiro, MD, FISHRS   USA<br>TBD  |
| 133<br>134 | <b>9. How to Avoid Thinning, Transection and Capping in FUE</b><br>James A. Harris, MD, FISHRS   USA<br>Kayihan Sahinoglu, MD   Turkey                        |
| 135<br>136 | <b>10. How to Hire and Train Top Quality Assistants</b><br>Sara L. Salas, MD   Mexico<br>TBD  |
| 137<br>138 | <b>11. How to Select the Best FUE Device for You</b><br>O. Tayfun Oguzoglu, MD   Turkey<br>Arthur Tykocinski, MD, FISHRS   Brazil                             |
| 139<br>140 | <b>12. Implanters - FUE and FUT Advanced Level</b><br>Sungjoo (Tommy) Hwang, MD, PhD, FISHRS   South Korea<br>Mauro Speranzini, MD   Brazil                   |

- |            |   |
|------------|---|
| 141<br>142 | <b>13. Painless, Safe, Efficient Anesthesia</b><br>John D.N. Gillespie, MD, FISHRS   Canada<br>Marie A. Schambach, MD   Guatemala                               |
| 143        | <b>14. PRP - Advanced Level</b><br>TBD  |
| 144<br>145 | <b>15. Recipient Area Planning for FUE Beginners - Avoiding Sequelae</b><br>T.K. Shiao, MD, FISHRS   USA/Taiwan<br>Conradin von Albertini, MD   Switzerland     |
| 146<br>147 | <b>16. Reconstructive Hair Restoration Surgery</b><br>Jerzy R. Kolasinski, MD, PhD, FISHRS   Poland<br>TBD  |
| 148<br>149 | <b>17. Robotic FUE Surgery - Advances and Evolution</b><br>Robert M. Bernstein, MD, FISHRS   USA<br>Craig L. Ziering, DO, FISHRS   USA                          |
| 150        | <b>18. Safe Donor Area and How to Preserve It</b><br>TBD  |
| 151<br>152 | <b>19. Social Media Role and Marketing - Risks and Benefits</b><br>Bessam K. Farjo, MBChB, FISHRS   UK<br>Arvind Poswal, MBBS   India                           |
| 153<br>154 | <b>20. Spanish-Speaking Table: Hairline Design</b><br>Jorge Gaviria, MD   USA<br>Luis A. Ortega, MD   Ecuador   |
| 155<br>156 | <b>21. Spanish-Speaking Table: Top Tips for Extracting the Perfect FUE Grafts</b><br>Luis Roberto Trivellini, MD   Paraguay<br>Sebastian Yriart, MD   Argentina |
| 157<br>158 | <b>22. Surgical Assistant Topic: Patient Management - Pre &amp; Post-Op Care</b><br>Wilson Mendoza   Canada<br>Felipe Reynoso   USA                             |
| 159<br>160 | <b>23. Temporal Peaks</b><br>Melvin L. Mayer, MD, FISHRS   USA<br>Damkerng Pathomvanich, MD, FISHRS   Thailand  |
| 161<br>162 | <b>24. The Latest Information on FFA and LPP</b><br>Aline Donati, MD   Brazil<br>Ricardo Mejia, MD   USA  |
| 163<br>164 | <b>25. Top Tips and Secrets of a Great Consultation</b><br>Paul J. McAndrews, MD, FISHRS   USA<br>TBD   |
| 165<br>166 | <b>26. Unique Aspects of Indian Hair Restoration</b><br>Aman Dua, MD, MBBS   India<br>Anil Garg, MBBS, MSMCh   India  |







8:00AM-9:15AM	<b>Continental Breakfast</b> (in Exhibit Hall)
8:00AM-2:00PM	<b>Exhibits</b>
8:00AM-12:00PM	<b>Poster Viewing</b>
8:00AM-3:15PM	<b>Speaker Ready Room</b>
8:30AM-4:30PM	<b>Registration</b>
9:00AM-3:30PM	<b>GENERAL SESSION</b>
9:00AM-9:20AM	<b>Poster Awards &amp; Research Grants</b> MODERATOR Carlos J. Puig, DO, FISHRS <i>Scientific Research, Grants &amp; Awards Committee</i>
9:20AM-10:30AM	<b>ISHRS General Membership Business Meeting &amp; Service Awards</b> MODERATOR Kuniyoshi Yagyu, MD, FISHRS <i>ISHRS President</i>
10:30AM-11:00AM	<b>Coffee Break &amp; Visit Exhibits/View Posters</b>
11:00AM-11:35AM	<b>NORWOOD LECTURE</b> LEARNING OBJECTIVES • Review the latest developments in molecular regulation of hair follicle function and discuss their relevance to clinical practice.
11:00AM-11:02AM	<b>2 Moderator Introduction</b> <b>167</b> Nicole E. Rogers, MD   USA
11:03AM-11:23AM	<b>20 NORWOOD LECTURER</b> <b>JAK Inhibitors, Hair Regeneration and Genetic Testing</b> <b>168</b> <b>FEATURED GUEST SPEAKER</b> Angela M. Christiano, PhD   USA <i>Professor of Dermatology and Genetics &amp; Development, Columbia University College of Physicians &amp; Surgeons, NY, NY, USA</i>
11:24AM-11:35AM	<b>11 Questions &amp; Answers</b>

11:40AM-12:20PM	<b>Special Consideration Topics I</b> LEARNING OBJECTIVES • Describe different surgeons' novel approaches in hair restoration.
11:40AM-11:42AM	<b>2 Moderator Introduction</b> <b>169</b> Robin Unger, MD   USA
11:43AM-11:48AM	<b>5 VIDEO: Modification in FUT technique for Quick and Safe Strip Harvesting</b> <b>170</b> Satya K. Saraswat, MBBS, MS, MCh, DNB   India
11:49AM-11:58AM	<b>9 To Study and Compare the Scalp, Bearded Chest Hair in a Hair Restoration Procedure</b> <b>171</b> Jyoti Gupta, MD   India
11:59AM-12:06PM	<b>7 VIDEO: State of the Art-FUE Donor Harvesting Management</b> <b>172</b> Ken L. Williams, Jr., DO, FISHRS   USA
12:07PM-12:14PM	<b>7 TBD</b> <b>173</b>
12:15PM-12:20PM	<b>5 Questions &amp; Answers</b>
12:00PM-2:00PM	<b>Posters Dismantle</b>
12:20PM-2:00PM	<b>Last Chance to View Exhibits</b>
12:20PM-1:00PM	<b>Box Lunch</b> For all registered attendees and exhibitors. Pick-up your box lunch from one of the several box lunch stations located in the general session area and exhibit area. <b>For Attendees:</b> You may choose to enjoy your lunch break by attending the lunch symposium, visiting the exhibits, or sitting in the lobby or outside areas or in your hotel room. There are round tables set-up in the exhibit hall, if you choose to eat there. You must have your name badge to obtain a lunch.

# 1:00PM-1:45PM LUNCH SYMPOSIUM Primary Cicatricial Alopecia

## LEARNING OBJECTIVES

- Discuss the diagnosis and treatment of non-androgenetic alopecia.
- Discuss the possible role of surgery in patients with non-androgenetic alopecia.

# 1:00PM-1:02PM 2 Moderator Introduction

174 Francisco Jimenez, MD, FISHRS | Spain

# 1:03PM-1:23PM 20 Frontal Fibrosing Alopecia: An Emerging Epidemic, Clues to an Earlier Diagnosis

## FEATURED GUEST SPEAKER

175 Aline Donati, MD | Brazil

*Dermatologist, Trichology fellowship coordinator at "Hospital do Servidor Público Municipal" at São Paulo, Brazil*

# 1:24PM-1:31PM 7 Hair Transplantation in the Treatment of Frontal Fibrosing Alopecia/Lichen Planopilaris: Case Series

176 Jung-Yi Lisa Chan, MD | Taiwan

# 1:32PM-1:45PM 13 Questions & Answers

# 2:00PM-7:00PM Exhibits Dismantle

# 2:00PM-2:45PM Special Consideration Topics II

## LEARNING OBJECTIVES

- Describe various approaches in hair restoration surgery.

# 2:00PM-2:02PM 2 Moderator Introduction

177 Paul J. McAndrews, MD, FISHRS | USA

# 2:02PM-2:08PM 6 Hair Transplant on Identical Twins

178 Alex Ginzburg, MD | Israel

# 2:09PM-2:15PM 6 The Impact of FUE Harvest on the Donor Area: The Limitation and the Dangerous Trend in FUE

179 Mohammad Humayun Mohmand, MD, FISHRS | Pakistan

# 2:16PM-2:22PM 6 Improved FUE Efficiency with Serial Extraction/Placement Technique

180 Parsa Mohebi, MD, FISHRS | USA

# 2:22PM-2:28PM 6 Improvement in Anterior Hairline Density Following Insertion of Endotine During Hairline Lowering Surgery

181 Sheldon S. Kabaker, MD, FISHRS | USA

# 2:29PM-2:35PM 6 Hair Restoration in Advanced Grade Baldness by FUE-Case Series of 410 Patients

182 Kavish Chouhan, MBBS | India

# 2:35PM-2:45PM 10 Questions & Answers



# 2:50PM-3:30PM Open Debate: Congress's Best Topics Discussion Panel

Bring your questions and ideas, or submit your questions in advance to the moderators. Open microphone format.

## LEARNING OBJECTIVES

- Discuss various hair restoration topics in-depth in an open forum.
- Discuss controversies in hair restoration.

## MODERATOR

183 Bradley R. Wolf, MD, FISHRS | USA

## PANELISTS

184 Jean Devroye, MD, FISHRS | Belgium

185 Robert S. Haber, MD, FISHRS | USA

186 James A. Harris, MD, FISHRS | USA

187 Bobby Limmer, MD, FISHRS | USA

188 Mario Marzola, MBBS | Australia

189 Paul J. McAndrews, MD, FISHRS | USA

190 Robert H. True, MD, MPH, FISHRS | USA

191 Walter P. Unger, MD | USA

# 3:30PM Main Meeting/General Session Adjourns

# 3:30PM-4:30PM Live Patient Viewing

Piero Tesauro, MD | Italy  
TK Shiao, MD, FISHRS | USA/Taiwan

# 3:45PM-4:45PM CME Committee Meeting (invitation only)

# 5:00PM-6:00PM ISHRS Board of Governors Meeting (invitation only)

# 7:00PM-12:00AM Gala Dinner & Awards Ceremony

7PM Cocktail Reception | 8PM Dinner  
\$95 per person (ticket required)



## SCIENTIFIC POSTER PRESENTATIONS

The scientific posters will be on display in the **Octavius Ballroom Foyer**, near the ISHRS Registration Desk. The Scientific Research, Grants, and Awards Committee will review and rate the posters. Certificates of recognition will be awarded to the highest scoring posters. There will be a formal poster session during the afternoon coffee break on Friday | September 30, 2016.

Posters should be dismantled on Saturday, October 1, 2016, 12:00pm-2:00pm.

### Scientific Poster Viewing Hours

THURSDAY   September 29, 2016	8:00AM-8:00PM
FRIDAY   September 30, 2016	8:00AM-8:00PM
Formal Poster Session	2:30PM-3:00PM
SATURDAY   October 1, 2016	8:00AM-12:00PM

**P01** Mirror Facing Photographs for Crown Vertex View  
Sumit Agrawal, MBBS, MS, MCh, MRCS | India

**P02** Withdrawn

**P03** Withdrawn

**P04** Male Hairline  
Gökhan Akin, MD | Turkey

**P05** Experiences of Hair Transplantation on Top of Forehead Recontouring and Augmentation in Female-transgendered Patients  
Kulakarn Amonpattana, MD | Thailand

**P06** Combining Hair Restoration Options for Optimal Outcomes in Poor Surgical Candidates and in the Presence of Comorbid Androgenetic, Cicatricial and Traction Alopecias  
Alan J. Bauman, MD, FISHRS | USA

**P07** Comparative Clinical Study of 3 Holding Solutions in Body Hair Transplant  
Jose de la Lama, MD, MBA, PhD | Spain

**P08** A Socio-Psychology Study of Indian Patients Concerning Hair Loss and Transplants  
Viral Desai, MS, MCh, DNB | India

**P09** PRP - The Frugal Way  
Aman Dua, MBBS, MD | India

**P10** Challenges and Complications in Body Hair Transplant  
Kapil Dua, MBBS, MS | India

**P11** Is the Transplantation of Only Body Hair Fruitful?  
Kapil Dua, MBBS, MS | India

**P12** Statistics & Demographics on Hair Transplantation and Trico Scan Study of Donor Site in Indian Patients  
Seema Garg, MBBS, MSc | India

**P13** Study of Ropivacaine Infiltration Block Over Donor Area to Reduce Post-Operative Pain After Strip Harvesting and Relation of Width of Strip to Post-Operative Pain  
Seema Garg, MBBS, MSc | India

**P14** The Use of Platelet Rich Plasma in Hair Transplant Surgery  
Christine Guimarães, MD | Brazil

**P15** Significant Factors Related to Wide Surgical Strip Scar in Korean Population  
Hyo Kang, MD | South Korea

**P16** The Isolated Frontal Forelock Design Revisited  
Emre Karadeniz, MD | Turkey

**P17** A Guide to Studying Human Hair Follicle Cycling In Vivo  
Moonkyu Kim, MD, PhD | South Korea

**P18** Development of an Automatic Implanting Machine  
Moonkyu Kim, MD, PhD | South Korea

**P19** Outcomes of Donor Closure with Poliglecaprone 25 Suture in FUT  
Muthuvel Kumaresan, MD | India

**P20** Economic Self-Preparation Platelet-Rich Plasma (PRP) and Its Efficacy in Male Androgenetic Alopecia (AGA)  
Kongkiat Laorwong, MD, FISHRS | Thailand

**P21** A Comparison of the Efficacy of Motorized Punch and Manual Punch  
Shalini Malhotra, MBBS, DNB | India

**P22** Beard to Scalp Hair Transplant – How We Do It  
Parsa Mohebi, MD, FISHRS | USA

**P23** Multi Case Example of Infection Induced by Documented PRP Contamination  
Tayfun Oguzoglu, MD | Turkey

**P24** Natural Eyebrow Profile  
Özgür Öztan, MD, PhD | Turkey

**P25** Dermoscopy for Hair Transplant Surgeon  
Ratchathorn Panchaprateep, MD, PhD | Thailand

**P26** Congenital Triangular Alopecia My Experience  
Ezequiel R. Panno, MD | Spain

**P27** Female Hairline Morphometrics  
Kaan Pekiner, MD | Turkey

**P28** Long Term Follow Up of Body Hair to Scalp Transplants Over 10 Years  
Arvind Poswal, MBBS | India

**P29** Permanent Way of Removing Unwanted Terminal Hair  
Arvind Poswal, MBBS | India

**P30** Does Hair Transplantation Restore or Improve Physical and Mental Health of Patients?  
Bruce M. Reith, MD | Germany

**P31** Combination of Scalp and Beard Hair Transplant: In Scarring Alopecia Secondary to Lichen Planus  
Kuldeep Saxena, MBBS, DDV | India

**P32** KD Spreader - A Slit Dilating Device  
Kuldeep Saxena, MBBS, DDV | India

**P33** Combination of Strip with Follicular Unit Extraction for Maximal Graft Harvest  
Mayank Singh, MS Mch | India

**P34** Getting Early Results in Hair Transplant  
Mayank Singh, MS Mch | India

**P35** Hair Transplantation for Patient with Linear Scleroderma en Coup de Sabre  
Bruno A. Szyferman, MD | Argentina

**P36** Current Advancements in the ARTAS Robotic Hair Transplant System  
Craig L. Ziering, DO, FISHRS | USA

**P37** Robotic Hair Transplantation: Advantages of 3D Modeling and Robotic Recipient Site Making  
Craig L. Ziering, DO, FISHRS | USA

**P38** An Application of a Computer Aided Diagnosis (CAD) and Treatment Planning System in FUE Harvesting Procedure. Design Review and Practical Evaluation  
Georgios Zontos, MD, PhD | Greece

**P39** Withdrawn

**P40** Evaluation of Skin Permeability of Finasteride Loaded in Different Gel Formulations - Preliminary Data from a 6 Months Clinic Study  
Piero Tesaro, MD | Italy

**P41** SFRP2 Augments Wnt/ &beta;-catenin Signaling in Cultured Dermal Papilla Cells  
Jisup Ahn, MD, PhD, FISHRS | South Korea

**P42** Make Your Own Tools  
Bruno A. Szyferman, MD | Argentina

**P43** Withdrawn

The Advances in Hair Biology Lecture is generously supported by a grant from BOSLEY.

## Advances in Hair Biology Lecturer

### Rodney Sinclair, MBBS, MD

*Professor of Dermatology at the University of Melbourne and Director of Dermatology at the Epworth Hospital, Melbourne, Australia*



Prof. Rodney Sinclair is Professor of Dermatology at the University of Melbourne and Director of Dermatology at the Epworth Hospital. He is also the principal dermatologist at the Sinclair Dermatology Investigational Research, Education and Clinical Trial Centre in Melbourne, Australia.

Prof. Sinclair is a Founding Member and Past President of the Australasian

Society for Dermatology Research, a Founding Member and Past President of the Australasian Hair and Wool Research Society, a Fellow of the Australasian College of Dermatologists, the American Academy of Dermatologists, the American Dermatology Association, the British Association of Dermatology, and the International Society of Dermatologists. He serves on the Editorial Board of *Experimental Dermatology*, the *British Journal of Dermatology*, *Clinics in Dermatology*, the *Australasian Journal of Dermatology*, and the *International Journal of Dermatology*.

He is formerly Director of Dermatology at St. Vincent's Hospital, Chairman of the Scientific Research Committee of the Australasian College of Dermatologists and a Past President of the Skin and Cancer Foundation.

Prof. Sinclair has co-authored over 500 research publications, 10 textbooks and 50 chapters in multi-author Dermatology textbooks. He is co-author of the hair diseases section in Rook's Textbook of Dermatology and Bobbna's Dermatology book. Prof. Sinclair is Australia's most highly cited clinical and research dermatologist.

**Dr. Sinclair will speak on,**

***"Advancing Our Understanding of the Biology of Androgenetic Alopecia and Changing the Way We Use Minoxidil to Treat It."***

The Norwood Lecture was established in 2006 by the ISHRS Board of Governors to honor the immense contributions of O'Tar T. Norwood, MD, co-founder of the ISHRS and founder of the *Hair Transplant Forum International*.

## Norwood Lecturer

### Angela Christiano, PhD

*Professor of Dermatology and Genetics & Development, Columbia University College of Physicians & Surgeons, New York City, New York, USA*



Prof. Angela Christiano has been a member of the faculty of Columbia University in New York City since her arrival in 1995 as an Assistant Professor, and has steadily ascended in rank to a tenured Professorship and Vice Chair of Research in Dermatology and Genetics and Development. She is the President of the Society for Investigative Dermatology, and serves as Deputy Editor of the *Journal of Investigative Dermatology*, the highest ranking journal in the field of

investigative dermatology and a journal read widely around the world.

Her work has had a transformative impact on the field of investigative dermatology for nearly 20 years. She began her research career by studying epidermolysis bullosa, a severe inherited blistering disease for which she discovered many of the causative genes and provided a framework for molecular diagnosis of the disease. More recently, she has turned her attention to studying the genetics of alopecia and other hair disorders, primarily because she herself suffers from alopecia areata, an autoimmune form of hair loss. Her team led a series of large scale genetic studies that defined the genetic basis of alopecia areata in the past few years, which revealed important insights about unexpected therapeutic targets. The genetic and immunology studies led to the selection of JAK inhibitors as a new class of drugs for the treatment of alopecia areata, which are now being tested in clinical trials by several drug companies, specifically for the treatment of this disease. Her studies in alopecia areata have transformed our understanding of disease pathogenesis, and also identified the first class of drugs with mechanism-based efficacy. As a result of these accomplishments and a series of landmark publications in top-tier scientific journals, her work has received extensive worldwide media coverage, and was recognized by the Faculty of 1000 as "heralding in a new era of translational research in alopecia areata".

Prof. Christiano served as co-chair of the 9th World Congress for Hair Research (2015) which was a worldwide meeting of several international societies including the Australasian Hair & Wool Research Society, European Society of Hair Research, Hair Research Society of India, Japanese Society for Hair Research, the Korean Hair Research Society, and the North American Hair Research Society. Dr. Christiano was a key driver to bridge the important translational research and bring together scientists and clinicians in a unified format for meaningful discussions and conclusions, which are leading to improved patient outcomes in dermatology on an international scale.

**Prof. Christiano will speak on,**

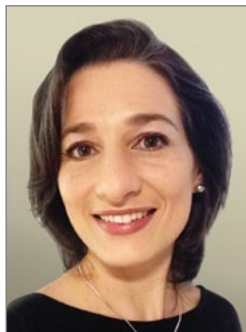
***"JAK Inhibitors, Hair Regeneration and Genetic Testing."***



## Guest Lecturers

### Aline Donati, MD

*Dermatologist, Trichology fellowship coordinator at "Hospital do Servidor Público Municipal" at São Paulo, Brazil*



Dr. Donati is a Dermatologist in São Paulo, Brazil where she serves as Medical Director for Dermahair. She is also a member of the Brazilian Society of Dermatology and North American Hair Research Society.

She serves as Chief Coordinator of Trichology Fellowship at Hospital do Servidor Público Municipal in São Paulo, Brazil. Dr. Donati has lectured and published frequently on many topics of hair with special interest in trichoscopy and frontal fibrosing alopecia.

**Dr. Donati will speak on,**  
**"Frontal Fibrosing Alopecia: An Emerging Epidemic, Clues to an Earlier Diagnosis."**

### Pantelis Rompolas, PhD

*Assistant Professor of Dermatology, Perelman School of Medicine, University of Pennsylvania, Philadelphia, Pennsylvania, USA*



Dr. Pantelis Rompolas earned a Bachelor of Science in Biology from the University of Athens, Greece, and graduated with an M.B.A. in Management and a Ph.D. in Biomedical Science from the University of Connecticut Health

Center. Dr. Rompolas then joined Dr. Valentina Greco's laboratory at Yale University School of Medicine as a New York Stem Cell Foundation – Druckenmiller Fellow, where he developed a system that established for the first time the ability to visualize stem cell activity and hair regeneration in real-time the intact skin of mice. Dr. Rompolas' work has provided novel insights on the cellular mechanisms of hair follicle growth and epidermal differentiation in adult skin. For this work he has

received the Merton Bernfield Memorial Award from the American Society for Cell Biology, the Blavatnik Award in Life Sciences, and the American Skin Association Research Scholar Award.

Since summer of 2015, Dr. Rompolas was recruited at the University of Pennsylvania Perelman School of Medicine as an Assistant Professor of Dermatology. His laboratory aims at elucidating the fundamental cellular and molecular mechanisms by which stem cells are able to maintain and regenerate the adult skin and its appendages.

**Dr. Rompolas will speak on,**  
**"Potency and Contribution of Stem Cells to Hair Follicle Regeneration."**

### Alan R. Jacobs, MD

*Neuroendocrinology Private Practice, New York, New York, USA*



Dr. Alan Jacobs completed both his Bachelor of Arts degrees in Philosophy and Zoology and his Medical Degree at Duke University in North Carolina, and completed his Neurology Residency at the New York

Hospital-Cornell Medical Center. He then completed fellowships in Behavioral Neurology and in Neuroendocrinology both at the Beth Israel Hospital / Harvard Medical School in Boston. After this he became Assistant Professor of Neurology and Neuroscience at Weill Cornell Medical Center and Director of the Neuroendocrine Unit and Assistant Director of the Cornell Memory Disorders Unit. After a stint as Assistant Professor

of Neurology at SUNY / Downstate Medical Center as a member of their Alzheimer's Research Center, in 2003 he opened his clinical practice in Behavioral Neurology, Memory Disorders and Neuroendocrinology in Manhattan and remains active there currently.

In the context of his Neuroendocrine practice, Dr. Jacobs has focused on how hormones effect behavior. He has studied the relationship between anxiety and late onset congenital adrenal hyperplasia, catamenial epilepsy, premenstrual and menopausal influences on mood and cognition, central and peripheral resistance syndromes to thyroid hormone and glucocorticoids and sexual and reproductive disorders in men and women in the context of traumatic brain injury and epilepsy, and various disorders involving the hypothalamus and pituitary gland.

Since 2009, he has diagnosed and cared for nearly 500 hundred men worldwide with Post Finasteride Syndrome (PFS), and with a colleague, has begun publishing clinical research in the PFS field, with publications in 2014 and 2016, the former a survey of the clinical details of men's PFS reports, and the latter an assessment of the emotional consequences of PFS. Our next paper will compare our PFS cohort to a large control group of men on finasteride without PFS, in terms of the prevalence of emotional disorders, in an ongoing search for risk factors that predict an increased risk for PFS in men who use finasteride.

**Dr. Jacobs will speak on,**  
**"Post-Finasteride Syndrome and the Neuroendocrine System."**

## 402: Basics Course

DATE Wednesday | September 28, 2016

TIME 8:00AM-5:30PM

FEE \$895

LEVEL Beginner Physicians Only

### Basics Course Chair:

Gregory Williams, MBBS, FISHRS | UK

Co-Chair: Mauro Speranzini, MD | Brazil



Gregory Williams, MBBS



Mauro Speranzini, MD

The 2016 Basics Course is an ideal opportunity for newcomers to the field of Hair Restoration Surgery to learn the fundamentals that will not only help you get started in your career but also provide an introduction to, and complement, the more advanced topics covered in the main meeting. The didactic lectures, hands on workstations, case presentations and panel discussions will also allow those already practicing to consolidate their experience and fill in gaps. The course is structured to provide sufficient time during the lectures to ask questions about information covered and since the workstations are held in small groups, there will be also be the ability to have more extended conversations with experts on any subject matter needing clarification.

Our international faculty will offer an overview of all aspects of patient care from initial consultation, diagnosis and patient selection to the different donor harvesting methods, incision site making techniques and graft insertion. The course will be delivered in a convivial, relaxed environment where new friendships can be established both with participants and faculty.

This year there will be an additional focus on how to start a hair transplant practice and 'get going' and, as a bonus, the ISHRS Basics Lecture Series will be made available to you as part of the tuition for this course (a \$450 value).

**PRECAUTION NOTE:** This workshop will utilize sharps. Universal Precautions must be observed. Scrubs are not required. Necessary disposable coverings will be provided, including standard disposable latex gloves. If you have an allergy to latex or glove powder, then bring several sets of your own gloves.

### LEARNING OBJECTIVES

Upon completion of this course you will be able to:

- Identify which patients are good candidates for surgery and which are not.
- Discuss the diagnosis and treatment of non-AGA.
- Recognize the location of the safe donor zone.
- Describe the various techniques and instruments that can be used for FUE and strip harvesting, including their advantages and disadvantages.
- Distinguish between the indications for strip versus FUE harvesting.
- Evaluate how angling, depth and direction of recipient sites are essential to a natural result.
- Compare different tools used for recipient site creation.
- Compare different tools used for graft insertion.
- Manage challenges related to graft placement and growth.
- Explain the importance of microscope and loupe magnification, ergonomics and lighting in hair transplantation.
- Summarize the fundamentals of medical treatment of hair loss, to supplement surgery.
- Obtain ideas for creating or expanding a hair transplant practice.
- Utilize techniques in strip and FUE harvesting to minimize scarring and avoid complications.

### COURSE OUTLINE

7:30AM-8:00AM **Continental Breakfast**

8:00AM-8:15AM **Introduction and Course Overview**  
Gregory Williams, MBBS, FISHRS | United Kingdom

8:15AM-8:30AM **Differential Diagnosis of Hair Loss**  
Sara M. Wasserbauer, MD, FISHRS | USA

8:30AM-8:45AM **Non-Surgical Management of Male and Female Pattern Hair Loss**  
Nina Otberg, MD | Germany

8:45AM-9:00AM **Consultation and Patient Selection for Surgery**  
TK Shiao, MD, FISHRS | USA/Taiwan

9:00AM-9:10AM **Questions & Answers**

9:10AM-9:25AM **Anatomical Landmarks in Hair Transplantation Including the Safe Donor Zone**  
Mohammad Harris Haseeb, MBBS | United Kingdom

9:25AM-9:40AM **Anesthesia, Sedation and Operating Room Emergencies**  
Ratchathorn Panchaprateep, MD | Thailand

9:40AM-9:50AM **Questions & Answers**

9:50AM-10:05AM **BREAK**

10:05AM-10:20AM **Strip FUT Overview**  
Piero Tesaro, MD | Italy

10:20AM-10:35AM **FUE Overview**  
Aman Dua, MBBS, MD | India

10:35AM-10:50AM **Holding Solutions and Bio-Adjuvants**  
Nicole E. Rogers, MD, FISHRS | USA

10:50AM-11:00AM **Questions & Answers**

11:00AM-11:15AM **Getting Started 1 – Setting Up a Practice, Medical Records, Staff**  
Edward A.M. Ball, MBBS, DPD, MRCS | United Kingdom

11:15AM-11:30AM **Getting Started 2 – Photography, Do's and Don'ts of Marketing, Ethics**  
Marc R. Avram, MD, FISHRS | USA

11:30AM-12:30PM **LUNCH WITH FACULTY**

12:30PM-4:00PM **Hands-On Work Stations**

4:00PM-4:45PM **Case Discussions**

4:45PM-5:30PM **Panel Discussion/Debate, Questions & Answers and Concluding Remarks**





## Hands-On Work Stations



Piero Tesauro, MD



Sara M. Wasserbauer, MD

### STATION 1 Hairline & Crown Design

**Faculty** ■ Piero Tesauro, MD | Italy ■ Sara M. Wasserbauer, MD, FISHRS | USA

Participants will learn the elements essential to creating a natural hairline for both men and women and be able to counsel patients regarding what will look most appropriate if there is a possibility they might lose more hair. Participants will also learn the basics of recreating crown whorls, while prioritizing the areas of the scalp that are most important to transplant, and the pitfalls that should be avoided.



M. Harris Haseeb, MBBS



Nicole E. Rogers, MD

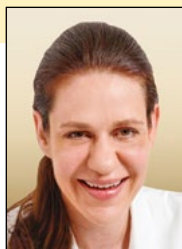
### STATION 2 Strip Harvesting

**Faculty** ■ Mohammad Harris Haseeb, MBBS | UK ■ Nicole E. Rogers, MD, FISHRS | USA

Identifying or predicting what comprises a safe donor area is one of the fundamental skills a hair transplant surgeon needs to learn. Faculty at this station will work closely with each participant to ensure a clear understanding. Students will also learn how to estimate the graft yield, as well as how to plan and harvest a donor strip whilst minimizing follicle transection. Techniques to minimize scarring and potential complications will be discussed. Advantages, disadvantages and limitations of this method will be re-enforced.



Marc R. Avram, MD

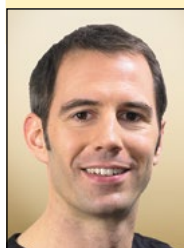


Nina Otberg, MD

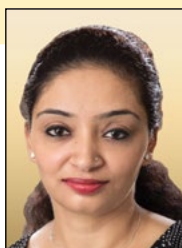
### STATION 3 Strip FUT Graft Preparation, Microscopes, Loupes and Ergonomics

**Faculty** ■ Marc R. Avram, MD, FISHRS | USA ■ Nina Otberg, MD | Germany

This station will introduce participants to the essential elements of optimal strip FUT graft preparation including slivering the donor strip, isolation of follicular unit grafts, and the use of microscopy, loupes, lighting, and ergonomics to maximize efficiency and minimize staff fatigue. After working closely with the experienced faculty, students will be able to identify the characteristics of the ideal graft and recognize the key elements necessary for graft survival.



Edward A.M. Ball, MBBS, DPD



Aman Dua, MBBS, MD

### STATION 4 FUE Harvesting (Manual, Hand Held Machine, Robotic)

**Faculty** ■ Edward A.M. Ball, MBBS, DPD, MRCS | UK ■ Aman Dua, MBBS, MD | India

Basic concepts of Follicular Unit Extraction including patient selection and the different FUE devices and methods available will be reviewed. Advantages, disadvantages and limitations of these methods will be re-enforced. By the end of their time in this station, students will be able to identify the ideal candidates for FUE, manage common FUE challenges, and understand how to estimate donor area yield during initial and further procedures.



Ratchathorn Panchaprateep, MD

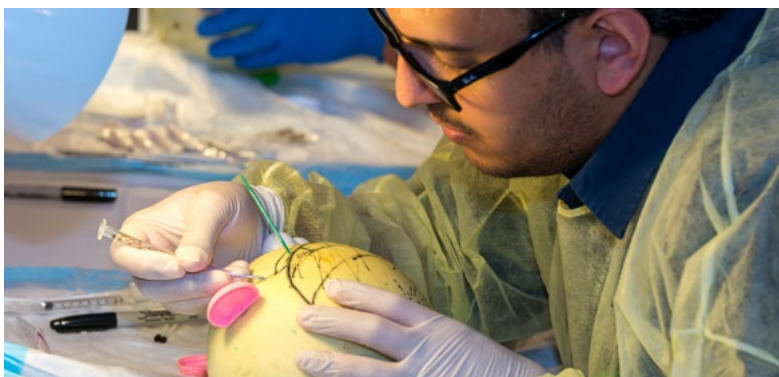


TK Shiao, MD

### STATION 5 Recipient Site Making and Graft Placing (Forceps and Implanters)

**Faculty** ■ Ratchathorn Panchaprateep, MD | Thailand ■ TK Shiao, MD, FISHRS | USA/Taiwan

Students will work one-on-one with faculty to learn the correct angle, depth, and direction for the majority of hairline patterns. They will also gain an understanding of the differences between the various site creation devices and be able to match the instrument to the graft being transplanted. Emphasis will be placed on managing common recipient site challenges and maximizing density for the patient.



## 403: Advanced/Board Review Course

DATE Wednesday | September 28, 2016

TIME 8:00AM-5:30PM

FEE \$495

LEVEL Intermediate and Advanced

Physicians Only

### Advanced/Board Review Course Chair:

Marco N. Barusco, MD | USA

**Co-Chair:** Bernard A. Arocha, MD, FISHRS | USA

The 2016 Advanced/Board Review Course will give those who are planning to take on the challenge of the ABHRS Certification Exam the opportunity to review key concepts that are consistently tested on both the written and the oral exams and to understand the format of the oral exam. It is also a course designed for novice and experienced hair transplant surgeons who would like to refresh their knowledge on the various aspects of hair loss and hair restoration surgery. The review course has been one of the highlights of the pre-conference courses offered during the ISHRS meeting every year. It is always well attended and consistently receives high marks and raving reviews from the participants.

This year the Program Chairs, Marco N. Barusco, MD and Bernard A. Arocha, MD, FISHRS, designed the full-day course to be jam-packed with lectures covering all 10 content categories that make up the ABHRS certification's written exam. Some of the most experienced and knowledgeable hair transplant surgeons in the world were hand-picked to deliver the lectures, and there will be ample time for questions and answers, as well as for interaction with the faculty.

In the program there will also be time for you to know more about the ABHRS and the recent changes that it is undergoing in order to keep up with the advances in our field and to make membership to the select group of ABHRS Diplomates even more relevant and advantageous.

Whether you are considering taking the ABHRS Certification Exam, are already a Diplomat preparing for the Recertification Exam or looking for a comprehensive advanced topic review, this course is a MUST. We look forward to seeing you there!

As an added bonus, the course tuition will also include online access to the ISHRS Basics Lecture Series, an archive of enduring material which consists of 16 lectures professionally recorded and produced, covering the most important aspects of medical and surgical hair restoration. We recommend that you watch the material prior to the Advanced/Board Review Course to take the most advantage of it. The URL and passcode for the Lecture Series will be e-mailed to you prior to the meeting, upon your registration to the Advanced/Board Review Course. In addition, you may receive CME credits for completing the ISHRS Basics Lecture Series.



Marco N. Barusco, MD



Bernard A. Arocha, MD

### COURSE OUTLINE

7:30AM-8:00AM **Continental Breakfast**

8:00AM-8:10AM **Welcome and Opening Remarks**  
Marco N. Barusco, MD | USA &  
Bernard A. Arocha, MD, FISHRS | USA

8:10AM-8:20AM **State of the ABHRS/IBHRS**  
Michael W. Vories, MD | USA

8:20AM-8:30AM **Criteria for ABHRS Certification and Application Process**  
Martin M. Behnke, MD | USA

8:30AM-8:45AM **The Written Exam**  
Robert P. Niedbalski, DO | USA

8:45AM-9:00AM **The Oral Exam**  
Marco N. Barusco, MD | USA

9:00AM-9:15AM **Ethical Guidelines for the ABHRS**  
Daniel G. McGrath, DO | USA

### SESSION 1 – ALOPECIAS

Moderator: Marco N. Barusco, MD | USA

9:15AM-9:30AM **Male & Female Pattern Alopecias**  
Ricardo Mejia, MD | USA

9:30AM-9:45AM **Other Alopecias**  
Ricardo Mejia, MD | USA

9:45AM-10:00AM **Questions & Answers**

### 10:00AM-10:30AM BREAK

### SESSION 2 – PATIENT SELECTION & DONOR AREA

Moderator: Bernard A. Arocha, MD, FISHRS | USA

10:30AM-10:45AM **Consultation and Medical Evaluation of the Patient**  
Robin Unger, MD | USA

10:45AM-11:00AM **Medical Treatment of AGA**  
Gholamali Abbasi, MD | Iran

11:00AM-11:15AM **Surgery Planning – Age and Potential for AGA**  
Márcio Crisóstomo, MD, FISHRS | Brazil

11:15AM-11:30AM **Donor Planning and Harvesting – FUT**  
Daniel G. McGrath, DO | USA

11:30AM-11:45AM **Donor Planning and Harvesting – FUE**  
Daniel G. McGrath, DO | USA

11:45AM-12:00PM **Questions & Answers**

12:00PM-1:00PM **LUNCH**

### LEARNING OBJECTIVES

Upon completion of this course you will be able to:

- Describe what the ABHRS is, what it stands for, and how it can help Diplomates.
- Review the credentialing requirements that must be met in order to be able to sit for the ABHRS Certification Exam.
- List the 10 major content categories that make the exam.
- List the overall percentage of questions from each content category used to create the written exam.
- Describe take home points for each of the topic areas listed.
- Describe the types of questions asked during the written and the oral exams.
- Identify personal areas of weakness so that your study and review can be targeted.



**SESSION 3 – RECIPIENT AREA PLANNING**

Moderator: Michael W. Vories, MD | USA

1:00PM-1:15PM **Strategies for Advanced AGA**  
Márcio Crisóstomo, MD, FISHRS | Brazil

1:15PM-1:30PM **Hairline Design (Male and Female)**  
Bernard A. Arocha, MD, FISHRS | USA

1:30PM-1:45PM **Transplantation of the Crown**  
Timothy P. Carman, MD, FISHRS | USA

1:45PM-2:00PM **Transplantation of the Eyebrows**  
Robert J. Reese, DO, FISHRS | USA

2:00PM-2:15PM **Transplanting into Scars / Reconstructive HRS**  
Marco N. Barusco, MD | USA

2:15PM-2:30PM **Questions & Answers**

2:30PM-3:00PM **BREAK**

**SESSION 4 – ODDS AND ENDS**

Moderator: Robert P. Niedbalski, DO | USA

3:00PM-3:15PM **Emergency Situations in HRS**  
Carlos J. Puig, DO, FISHRS | USA

3:15PM-3:30PM **Flaps and Scalp Reductions**  
Carlos J. Puig, DO, FISHRS | USA

3:30PM-3:45PM **Most Common Complications in HRS**  
Timothy P. Carman, MD, FISHRS | USA

3:45PM-4:00PM **Questions & Answers**

**SESSION 5 – ORAL EXAM SAMPLE CASES**

Moderators: Daniel G. McGrath, DO | USA &amp; Michael W. Vories, MD | USA

4:00PM-4:30PM **Case #1**  
Robert J. Reese, DO, FISHRS | USA  
Michael W. Vories, MD | USA

4:30PM-5:00PM **Case #2**  
Marco N. Barusco, MD | USA  
Michael W. Vories, MD | USA

5:00PM-5:30PM **Case #3**  
Bernard A. Arocha, MD, FISHRS | USA  
Michael W. Vories, MD | USA

5:30PM **Closing Remarks/Adjourn**  
Marco N. Barusco, MD | USA  
Bernard A. Arocha, MD, FISHRS | USA





## Follicular Unit Extraction (FUE) & Scalp Micro-Pigmentation (SMP) Mini Courses

9:00AM-12:00PM	<b>404: FUE Mini Course: Powered Sharp Punch Systems – Shaven and Non-Shaven FUE</b>
9:00AM-12:00PM	<b>405: FUE Mini Course: Powered Blunt Punch System for FUE</b>
9:00AM-12:00PM	<b>406: FUE Mini Course: Manual, Non-Powered FUE Techniques</b>
9:00AM-12:00PM	<b>407: SMP Mini Course</b>

2:00PM-5:00PM	<b>409: FUE Mini Course: Powered Sharp Punch Systems – Shaven and Non-Shaven FUE</b>
2:00PM-5:00PM	<b>410: FUE Mini Course: Powered Blunt Punch System for FUE</b>
2:00PM-5:00PM	<b>411: FUE Mini Course: Manual, Non-Powered FUE Techniques</b>
2:00PM-5:00PM	<b>412: SMP Mini Course</b>

These courses are offered with repeated sessions in the afternoon for attendees who may like to take one course in the morning and a different course in the afternoon.



### FUE Mini Courses

DATE Wednesday   September 28, 2016	
TIME Morning Session 9:00AM-12:00PM Afternoon Session 2:00PM-5:00PM <i>Separate registration required for each course.</i>	
FEE \$395 per course	
LEVEL Beginner-Intermediate	Physicians Only

The FUE Mini Courses will allow participants to obtain detailed exposure to the FUE technique listed. Each course will include a lecture portion where the details of the methodology and instrumentation will be presented. Some courses will offer hands-on opportunity using models. The course options include manual non-powered sharp punch techniques, the Powered Sharp Punch – Shaven and Non-Shaven FUE, and the Powered Blunt Punch featuring devices like the SAFE System. Each session will accept a limited number of students.

**PRECAUTION NOTE:** These courses may utilize sharps. Scrubs are not required.

### 404 & 409 Powered Sharp Punch Systems – Shaven and Non-Shaven FUE

**Director:** Jae-Hyun Park, MD | South Korea

**Faculty:** Alex Ginzburg, MD | Israel  
Otavio Boaventura, MD | Brazil

This Mini Course will allow participants to obtain detailed exposure to the FUE and non-shaven FUE techniques with powered sharp punch systems. The course will include video, lecture and discussion. This course does not include hands-on training.

#### LEARNING OBJECTIVES

Upon completion of the course you will be able to:

- Describe the nuances of the application of the technique and instrumentation.
- Gain insight into any particular indication, contraindication or limitation of the technique and instrument.
- Understand the detailed methods and surgical techniques, choosing proper indications and contraindications of non-shaven FUE technique.



Jae-Hyun Park, MD



## SMP Mini Courses

**DATE** Wednesday | September 28, 2016

**TIME** Morning Session 9:00AM-12:00PM (407)

Afternoon Session 2:00PM-5:00PM (412)

*Separate registration required for each course.*

**FEE** \$395 per course

**LEVEL** Beginner-Intermediate

All Registration Categories

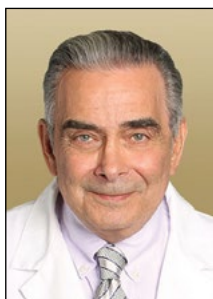
**Director:** William R. Rassman, MD

**Faculty:** Bessam K. Farjo, MBChB, FISHRS | UK

Jino Kim, MD | South Korea

Jae P. Pak, MD | USA

Through video, lecture, hands-on modelling, and discussion, this workshop will review the technique of scalp micro-pigmentation (SMP). The technique involves placing a special pigment into the skin of the scalp to mimic 'hair follicle' almost to the size of a closely cropped head of hair. Think 5 o'clock shadow or stubble. We have been using this technique as an alternative style for making a balding person look full headed with the placement of pigment into the scalp and to camouflage the scars from a strip procedure or anywhere on the scalp. Almost any size scar can be treated with this technique.



William R. Rassman, MD

### LEARNING OBJECTIVES

Upon completion of this course you will be able to:

- Describe the technique of scalp micro-pigmentation and understand when it may be a good option.
- Discuss permanent and non-permanent techniques.
- Discuss pros and cons of this technique with your patients.
- Demonstrate how to set up and use micropigmentation equipment.



## 405 & 410 Powered Blunt Punch System for FUE

**Director:** Kapil Dua, MBBS, MS | India

**Faculty:** Mark A. Bishara, MD | USA

Scott A. Boden, MD, FISHRS | USA

Follicular Unit Extraction (FUE) is a technique for obtaining donor hair using fine trephine punches without creating evidence of a linear donor scar. Non-powered and powered devices can be used. Learning how to obtain intact individual follicles can be a challenge for the physician incorporating FUE into their practice. This course will provide information and hands-on learning opportunity with the powered blunt punch technique. The course will include discussion on complications and risks of this technique.



Kapil Dua, MBBS, MS

### LEARNING OBJECTIVES

Upon completion of this course you will be able to:

- Identify the key steps of FUE as a mode of extraction.
- Evaluate the different modifications used in FUE to achieve better results.
- Identify the factors limiting the speed of extraction and ways to increase it.
- Identify the causes of Follicular Transection Rate (FTR) and lower it.

## 406 & 411 Manual, Non-Powered FUE Techniques

**Director:** Flavia Barsali, MD | Portugal

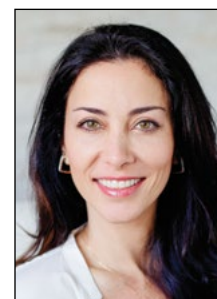
**Faculty:** Alessandra Juliano, MD | Brazil

Patrick Mwamba, MD | Belgium

Ozgur Oztan, MD | Turkey

Kaan Pekiner, MD | Turkey

This workshop will be a clear introduction on how to use manual FUE punch, patient selection, and donor harvesting management. The faculty members will describe the manual FUE technique, how to deal with the initial problems; discuss strategies to handle difficult cases and how to implement Manual FUE in the clinic.



Flavia Barsali, MD

### LEARNING OBJECTIVES

Upon completion of this course you will be able to:

- Define an ideal candidate for FUE technique.
- Describe basic follicle anatomy and use manual FUE.
- Develop basic harvesting skill sets with manual instruments.
- Understand risks and complications.
- Hold the key points to implement Manual FUE in the clinic.

## 401: Surgical Assistants Program

DATE Wednesday | September 28, 2016

TIME 8:00AM-11:30AM

FEE No extra fee required, but you must register in advance.

LEVEL All Registration Categories | NO CME

**Surgical Assistants Chair:** Sara Roberts, RN | UK

**Co-Chair:** Ken L. Williams, Jr., DO, FISHS | USA

We are all aware that the assistant's role has an impact within the surgical procedure and on the patient's experience. This year's program focuses on that impact and covers topics to ensure that the assistant has the knowledge to make this a positive one.

The role of the surgical assistant is a constantly evolving one and continued education is vital. With this in mind the program offers content that will be geared to all levels of experience. There will be presentations aimed at beginners, covering topics on the basic skills required to be an effective newcomer to a team and also enhance your knowledge in the latest cutting and placing techniques. These presentations will also be valuable to those assistants attending the Surgical Assistants Core Skills Workshop. The novice assistant will hear experts in the field talk you through what physicians require from their assistants during both an FUT and FUE procedure. For the more experienced assistant there will be panels of experts discussing more dynamic topics including how to deal with complications that arise during or after a procedure, different approaches to staff training and managing quality control.

This meeting aims to encourage engaged learning and there will be plenty of opportunity for questions and audience participation.

### LEARNING OBJECTIVES

Upon completion of the course you will be able to:

- Recognize the anatomy and physiology of the hair follicle.
- Recall the basics of graft preparation and placement.
- Evaluate the importance of graft survival and the different types of holding solutions available.
- Describe the basics of what is required of an assistant during an FUT and FUE procedure
- Develop your skills in enhancing the patient experience.
- Compare the principles and different approaches to quality control.
- Identify and deal with complications during and post procedure.
- Develop a plan to assist with Staff Training.



Sara Roberts, RN



Ken L. Williams, Jr., DO

### PROGRAM OUTLINE

7:30AM-8:00AM **Continental Breakfast**

8:00AM-8:10AM **Welcome and History of Hair Transplantation**  
Sara Roberts, RN | United Kingdom

8:10AM-8:20AM **Surgical Assistants Workshop and Tools of the Trade**  
Emina Vance | USA

8:20AM-8:30AM **The Importance of the Surgical Assistant Role**  
Ken L. Williams, Jr., DO, FISHS | USA

### From the Beginning

8:30AM-8:40AM **The Anatomy and Physiology of the Hair and Scalp**  
Arita Kastrati | United Kingdom

8:40AM-8:50AM **Basic Principles of Graft Preparation**  
Aileen R. Ullrich, CMA | USA

8:50AM-9:00AM **Basic Principles of Graft Placement**  
Tina M. Lardner | USA

9:00AM-9:10AM **Questions & Answers**

### Moving On

9:10AM-9:25AM **FUE: The Surgical Assistants Role**  
Ken L. Williams, Jr., DO, FISHS | USA

9:25AM-9:40AM **FUT: The Surgical Assistants Role**  
Bessam K. Farjo, MBChB, FISHS | United Kingdom

9:40AM-9:50AM **Legal Implications and Limitations of Assistant's Role**  
Peter Gaido, JD, ISHS Legal Counsel | USA

9:50AM-10:00AM **Ergonomics: How to Adopt Good Practice**  
Russell G. Knudsen, MBBS, FISHS | Australia

10:00AM-10:10AM **Holding Solutions – The Science of Graft Preservation**  
Brandi J. Burgess | USA

10:10AM-10:15AM **Questions & Answers**

10:15AM-10:30AM **Coffee Break**

### Gaining More Experience

10:30AM-10:45AM **Panel of Experts: Complications of Surgery**

10:45AM-11:00AM **Panel of Experts: Quality Control/Infection Control**

11:00AM-11:15AM **Panel of Experts: Staff Training**

11:15AM-11:25AM **Questions & Answers**

11:25AM-11:30AM **Closing Remarks**  
Sara Roberts, RN | United Kingdom





## 408: Surgical Assistants Core Skills Workshop

DATE Wednesday | September 28, 2016

TIME 12:30PM-4:30PM

FEE \$245

LEVEL All Registration Categories | NO CME



Emina Vance

### **Surgical Assistants Vice Chair:** Emina Vance | USA

This hands-on workshop is designed to teach basic skills as well as to demonstrate the best practices in graft preparation and placement. Although geared toward newcomers, the course is also open to those who have some experience but would like to add or improve skill(s) in this field. This year, due to the popularity of the FUE procedure, we have expanded the teaching topics to include graft removal following scoring of follicular unit and punch dissection by the physician. The workshop is designed with a heavy focus on skill development and critical thinking so the attendees can gain the fundamentals required to exercise sound judgment and produce high quality work.

The workshop curriculum includes four stations that encompass each of the (4) critical skills required for assisting physicians in hair restoration: tissue slivering, graft dissection, graft removal after punch dissection, and graft placement. A fifth station provides additional practice and expert guidance for continued learning. Students will rotate between the stations spending time at each station to learn skills and grasp core concepts. Our experienced international faculty and low student-to-faculty ratio offer real time feedback and guidance to promote learning. The workshop will conclude with a Question & Answer session that will stimulate discussion and develop critical thinking around the skills necessary for assisting in hair restoration surgery.

Each year this workshop sells out so early registration is encouraged. Having well-trained surgical assistants is instrumental for the success of any practice. Don't miss this opportunity to bring your surgical assistant(s) to this workshop.

### LEARNING OBJECTIVES

Upon completion of the course you will be able to:

- Describe the principles and demonstrate the proper technique for slivering the tissue obtained from strip donor harvesting.
- Describe the principles and demonstrate the proper technique for graft dissection including the identification of intact follicular units and recognizing factors affecting graft viability.
- Describe the principles and demonstrate the proper technique for graft placement including the importance of hair curl identification and recognizing essential placing patterns.
- Describe the principles and demonstrate the proper technique for graft removal when assisting physicians performing follicular unit extraction.
- Demonstrate critical thinking and describe quality control.



### Stations and Faculty

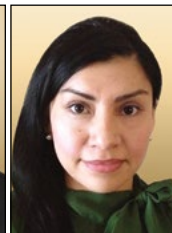
#### Tissue Slivering



Kathryn Morgan  
Canada



Sara Roberts, RN  
United Kingdom

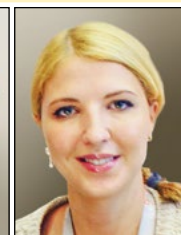


Diana Carmona  
USA

#### Graft Dissection



Aileen R. Ullrich, CMA  
USA



Salome Vadachkoria  
Georgia

#### Graft Placement



Janna Shafer  
USA/UK



Lauren Gorham, RN  
USA



Brandi J. Burgess  
USA

#### Graft Removal after FUE Harvesting



Tina M. Lardner  
USA

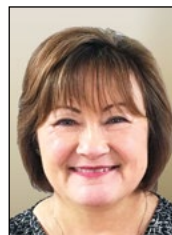


Felipe Reynoso  
USA



Shannon Surgeson  
Canada

#### Continued Learning Station Training & Pearls of Wisdom



MaryAnn W. Parsley, RN  
USA



Anne Knudsen, RN  
Australia

## WORKSHOPS

Dear Colleagues,

What a pleasure to welcome you to the beautiful and entertaining city of Las Vegas.

I would like to thank my committed mini course and workshop directors and the program chair for working with and supporting me to create a new redesigned program.



R. Gomes de Lemos, MD

We have worked tirelessly to structure a program for physicians and assistants in all levels of experience to our specialty.

Some of the most talented and dedicated physicians and assistants in the field of Hair Restoration Surgery from all over the world will be delivering excellent sessions that I'm sure will improve knowledge and skills in a meaningful way, and that promises to justify our excitement.

This year, the mini courses with hands on in FUE and SMP, are going to be held on Wednesday, and the Workshops on Friday. Friday workshops are included in your meeting registration, so please don't forget to enroll yourself in those you wish to attend at the moment of your registration.

We hope to see you in Las Vegas. It promises to be an unforgettable educational experience.

It has been an honor and a privilege to serve as the Workshops Chairman of this year's World Congress.

Best regards,

Ricardo Gomes de Lemos, MD | Brazil

DATE Friday | September 30, 2016

TIME 9:00AM-10:30AM AND 1:00PM-2:30PM

FEE No extra fee, but you must register to obtain a ticket.

There are limited tickets for many of the workshops.

It is first-come, first-served based on meeting registration.

Each registered attendee may select one morning workshop and one afternoon workshop, based on availability.

### Workshops Chair:

Ricardo Gomes de Lemos, MD | Brazil

### FRIDAY MORNING WORKSHOPS ■ 9:00AM-10:30AM

101: PRP for Hair Restoration

102: FUE - Basic Concepts

103: Avoiding Poor Technique, Poor Planning, Poor Growth and Bad Results

104: New Devices for FUE | NO CME CREDITS

105: Beard and Eyebrow Reconstruction and Harvesting

106: Implanters

Will be offered with 1-way simultaneous interpretation, English to Spanish

107: Surgical Assistant Topic: Patient Management: Comfort on the Day of Surgery  
| NO CME CREDITS

PHYSICIANS ONLY

ANY CATEGORY

### FRIDAY AFTERNOON WORKSHOPS ■ 1:00PM-2:30PM

111: Implanters

112: FUE - Advanced Topics | NO CME CREDITS

113: PRP for Hair Restoration

114: Medical Management for Male and Female Pattern Hair Loss

115: Hairline Design and Recipient Area Planning

116: Avoiding Poor Technique, Poor Planning, Poor Growth and Bad Results  
Will be offered with 1-way simultaneous interpretation, English to Spanish

117: Surgical Assistant Topic: Non-Medical Treatments: The Surgical Assistants  
Role in LLLT, SMP, Camouflage, PRP and Medications | NO CME CREDITS

PHYSICIANS ONLY

ANY CATEGORY





## MORNING WORKSHOPS

### Workshop 101: PRP for Hair Restoration

DATE Friday | September 30, 2016

TIME 9:00AM-10:30AM

LEVEL Intermediate/Advanced

Physicians Only

**Director:** Robert P. Niedbalski, DO | USA

**Faculty:** Joseph Greco, PhD, PA/C | USA  
Ryan J. Welter, MD, PhD | USA



Robert P. Niedbalski, DO

At this workshop participants have the opportunity to understand the scientific basis of platelet rich plasma (PRP), and its current application, as well as great emphasis on the step-by-step preparation of PRP.

#### LEARNING OBJECTIVES

Upon completion of the course you will be able to:

- Discuss the potential benefits of PRP in surgical and non-surgical hair restoration.
- Discuss the scientific basis for using PRP for hair restoration.
- Understand the rationale behind the augmentation of PRP with various additives.
- Outline the step-by-step preparation and administration of PRP.
- Explain to a patient the risks and benefits of PRP therapy for hair loss.

### Workshop 102: FUE – Basic Concepts

DATE Friday | September 30, 2016

TIME 9:00AM-10:30AM

LEVEL Beginner

Physicians Only

**Director:** Ken L. Williams Jr., DO, FISHRS | USA

**Faculty:** Carlos Alberto Calixto, MD | Brazil  
Georgios Zontos, MD, MSc, PhD | Greece



Ken L. Williams Jr., DO

The basic Follicular Unit Extraction (FUE) workshop is the first step for the novice or beginner hair restoration surgeon to acquire basic harvesting skill sets and knowledge. The workshop will provide a basic introduction and understanding of using sharp and blunt FUE punches, FUE devices, patient selection, donor harvesting management, and graft storage.

#### LEARNING OBJECTIVES

Upon completion of the course you will be able to:

- Develop basic harvesting skill sets with manual and motorized devices and instruments.
- Identify indications for FUE.
- Recognize differences of donor harvesting techniques - strip excision versus FUE.
- Describe basic follicle anatomy and proper use of manual FUE.
- Explain advantages and disadvantages of FUE and strip excision harvesting techniques.
- List challenges and variables of FUE donor harvesting.
- Understand basic FUE instrumentation and proper patient selection.
- Manage FUE donor harvesting and ergonomics of FUE to reduce musculoskeletal injuries.





## MORNING WORKSHOPS

### Workshop 103: Avoiding Poor Technique, Poor Planning, Poor Growth and Bad Results

DATE Friday | September 30, 2016

TIME 9:00AM-10:30AM

LEVEL All Levels

Physicians Only

**Director:** Robert S. Haber, MD, FISHRS | USA

#### Faculty:

Bessam K. Farjo, MBChB, FISHRS | United Kingdom

Russell Knudsen, MBBS, FISHRS | Australia

William R. Rassman, MD | USA



Robert S. Haber, MD

The title says it all. No surgeon, beginner or expert, does not experience the occasional failure, and as our work generally involves a large team and an increasing reliance on machinery, failures can arise from our hands or the hands of our staff, and can be related to pre-operative judgment mistakes, through all phases of the procedure itself, equipment problems, and include the post-operative period as well. Our speakers will review in detail, based on many years of experience including both success and failure, how we have learned to maximize our chances of success.

#### LEARNING OBJECTIVES

Upon completion of the course you will be able to:

- Identify the most common steps where failure is most likely to arise.
- Identify specific aspects of strip surgery where grafts are placed at greatest risk.
- Identify specific aspects of FUE surgery that will cause poor growth.
- Assess machinery failures and how to correct them.
- Understand the role of growth enhancers for successful results.
- Better identify when staff is the problem.

### Workshop 104: New Devices for FUE

DATE Friday | September 30, 2016

TIME 9:00AM-10:30AM

LEVEL Intermediate/Advanced

Physicians Only | NO CME

**Director:** Luis Roberto Trivellini, MD | Paraguay

**Faculty:** Jean M. Devroye, MD, FISHRS | Belgium

Alex Ginzburg, MD | Israel

James A. Harris, MD, FISHRS | USA

TK Shiao, MD, FISHRS | USA/Taiwan

Sanusi Umar, MD | USA

Conradin von Albertini, MD | Switzerland



Luis Roberto Trivellini, MD

With emphasis in video, lecture and discussion, the participant of this workshop, will have the opportunity to get to know some of the new FUE technologies and devices and how they can facilitate the procedure execution by improving accuracy in donor harvesting. This knowledge will result in better surgical outcomes and more satisfied patients.

This workshop is not sanctioned for CME Credit.

#### LEARNING OBJECTIVES

Upon completion of the course you will be able to:

- Describe many useful technologies and new devices currently used in FUE procedures.
- List the potential advantages of each new device presented.

### Workshop 105: Beard and Eyebrow Reconstruction and Harvesting

DATE Friday | September 30, 2016

TIME 9:00AM-10:30AM

LEVEL Advanced

Physicians Only

#### Co-Directors:

Robert H. True, MD, MPH, FISHRS | USA

Sara M. Wasserbauer, MD, FISHRS | USA

**Faculty:** Marc S. Dauer, MD | USA

Ozgur Oztan, MD | Turkey

Damkerng Pathomvanich, MD, FISHRS | Thailand

Marie A. Schambach, MD | Guatemala

This workshop will focus on facial hair reconstruction and harvesting including both reconstructive and cosmetic cases. All aspects of beard reconstruction will be discussed. In the eyebrow transplantation the aspects of patient selection, design, angle and direction of placement will be taught in detail. Clinical approaches using both FUE and Strip Harvesting will be presented. The faculty will present all aspects of surgery including indications, treatment planning, anesthesia, donor harvesting, recipient area design, graft placement, postoperative care, and complications. Brow reconstruction and enhancement techniques are in demand for patients all over the globe, but the rarity of the surgery means that many of the most effective techniques are not widely known or utilized. This workshop will discuss the patient selection criteria, optimal surgical techniques (donor harvesting, long-hair preview, graft placement, etc.), and design strategies for that "perfect brow." We will also review the medical causes of brow loss, anesthesia techniques, pre- and post-operative care, and complications/reconstruction.

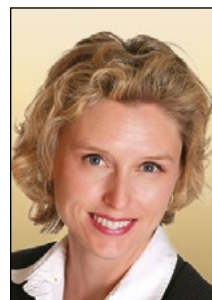
#### LEARNING OBJECTIVES

Upon completion of the course you will be able to:

- Discuss design considerations for facial hair reconstruction and be able to demonstrate proper design.
- List the key elements of treatment planning and execution for facial hair reconstruction.
- Describe the causes and prevention of complications in facial hair reconstruction and harvesting.
- Review the procedural techniques specific to harvesting of facial hair.
- Assess which patients are appropriate candidates for brow transplantation surgery.
- Explain the medical causes of brow loss and their treatments.
- Plan a brow surgery that is appropriate for individual faces and unusual cases.
- Manage patients pre- and post-operatively.



Robert H. True, MD



Sara M. Wasserbauer, MD



## Workshop 106: Implanters

DATE Friday | September 30, 2016

TIME 9:00AM-10:30AM

LEVEL All Levels

All Registration Categories

**NOTE:** This workshop will take place in the General Session room. Simultaneous Interpretation (English to Spanish) will be available.

**Director:** Vance W. Elliott, MD, FISHRS | Canada

**Faculty:** James A. Harris, MD, FISHRS | USA  
Sungjoo (Tommy) Hwang, MD, PhD, FISHRS | South Korea  
Maria Angélica Muricy Sanseverino, MD | Brazil  
Mauro Speranzini, MD | Brazil

Implanters are used for creating recipient sites and/or placing grafts. They have been popular in Asia for a long time and gaining popularity in the rest of the world by hair transplant surgeons. With the increase in FUE procedures and delicate, sometimes skeletonized grafts, many feel that implanters may reduce graft trauma and provide for better graft growth. This workshop will cover different types of implanters and how they work with their advantages and disadvantages. Faculty will review tips and pearls, illustrating their preferred techniques. New "dull" implanters will also be presented. They can be used with stick and place or pre-made sites.

### LEARNING OBJECTIVES

Upon completion of the course you will be able to:

- Describe different types of implanters.
- Apply the use of implanters in your practice.



Vance W. Elliott, MD

## Workshop 107: SURGICAL ASSISTANT TOPIC: Patient Management: Comfort on the Day of Surgery

DATE Friday | September 30, 2016

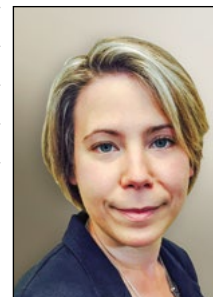
TIME 9:00AM-10:30AM

LEVEL All Levels

All Registration Categories | NO CME

**Director:** Aileen R. Ullrich, CMA | USA

**Faculty:** Julieta Peralta Arambulo, MD | Philippines  
John D.N. Gillespie, MD, FISHRS | Canada  
Laureen Gorham, RN | USA  
Tina M. Lardner | USA  
Kathryn Morgan | Canada  
Felipe Reynoso | USA  
Sara Roberts, RN | United Kingdom  
Janna Shafer | USA



Aileen R. Ullrich, CMA

Unlike patient results, which can take a year or more to gauge, a comfortable surgical experience has a direct influence on a patient's immediate level of satisfaction with the procedure, doctor, and staff. Patient satisfaction, in turn, drives referrals, positive reviews, subsequent treatments and ultimately improves the clinic's reputation. On the day of surgery though, fear, anxiety, and pain can all contribute to discomfort for the patient, resulting in a poor overall experience and low satisfaction rate. During this workshop, we will focus on the surgical assistant's role in creating, assessing, and maintaining patient comfort on the day of surgery. Through lecture and panel discussion, we will develop an understanding of the physical and psychological factors which influence patient comfort and how we can manage these factors for better patient outcomes. Please join us for this hour and a half long workshop as we learn and explore new techniques to enhance patient comfort on the day of surgery.

This workshop is not sanctioned for CME Credit.

### LEARNING OBJECTIVES

Upon completion of the course you will be able to:

- Identify factors that influence a patient's comfort level.
- Recognize signs of discomfort in the patient.
- Explain the clinician's role in pain management.
- Understand the assistant's role in creating and maintaining patient comfort on the day of surgery.
- Work as a team to manage patient comfort.
- Implement methods/tools for increasing a patient's comfort level.





## AFTERNOON WORKSHOPS

## Workshop 111: Implanters

DATE Friday | September 30, 2016

TIME 1:00PM-2:30PM

LEVEL Intermediate/Advanced  
Physicians Only**Director:** Vance W. Elliott, MD, FISHRS | Canada**Faculty:** Sungjoo (Tommy) Hwang, MD, PhD,  
FISHRS | South Korea

Maria Angélica Muricy Sanseverino, MD | Brazil

Mauro Speranzini, MD | Brazil



Vance W. Elliott, MD

Implanters are used for creating recipient sites and/or placing grafts. They have been popular in Asia for a long time and gaining popularity in the rest of the world by hair transplant surgeons. With the increase in FUE procedures and delicate, sometimes skeletonized grafts, many feel that implanters may reduce graft trauma and provide for better graft growth. This workshop will cover different types of implanters and how they work with their advantages and disadvantages. Faculty will review tips and pearls, illustrating their preferred techniques. New "dull" implanters will also be presented. They can be used with stick and place or pre-made sites.

## LEARNING OBJECTIVES

Upon completion of the course you will be able to:

- Describe different types of implanters.
- Apply the use of implanters in your practice.

## Workshop 112: FUE – Advanced Topics

DATE Friday | September 30, 2016

TIME 1:00PM-2:30PM

LEVEL Advanced  
Physicians Only | NO CME**Director:** James A. Harris, MD, FISHRS | USA**Faculty:** Márcio Crisóstomo, MD, FISHRS | Brazil

Jean M. Devroye, MD, FISHRS | Belgium

Sanusi H. Umar, MD | USA



James A. Harris, MD

This workshop, intended for the experienced FUE surgeon, will include presentations by recognized experts in FUE.

This workshop is not sanctioned for CME Credit.

## LEARNING OBJECTIVES

Upon completion of the course you will be able to:

- Describe the factors in assessing donor capacity.
- Determine optimal extraction densities.
- Develop strategies for in situ follicular unit "splitting".
- List the major considerations when combining the procedures.
- Describe the appropriate FUE donor zones.
- List the potential complications of the combined procedure.
- Describe the surgical techniques and pearls for body hair FUE.
- Name the anesthetic techniques used in different donor areas.
- List the major factors impacting graft survival.
- List the unique characteristics of the follicles in this population.
- Describe the most effective FUE techniques.
- Provide important details of the patient consultation.
- Describe the technique details that will increase FUE efficiency.

## Workshop 113: PRP for Hair Restoration

DATE Friday | September 30, 2016

TIME 1:00PM-2:30PM

LEVEL Intermediate/Advanced  
Physicians Only**Director:** Robert P. Niedbalski, DO | USA**Faculty:** Joseph Greco, PhD, PA/C | USA

Ryan J. Welter, MD, PhD | USA



Robert P. Niedbalski, DO

At this workshop participants have the opportunity to understand the scientific basis of platelet rich plasma (PRP), and its current application, as well as great emphasis on the step-by-step preparation of PRP.

## LEARNING OBJECTIVES

Upon completion of the course you will be able to:

- Discuss the potential benefits of PRP in surgical and non-surgical hair restoration.
- Discuss the scientific basis for using PRP for hair restoration.
- Understand the rationale behind the augmentation of PRP with various additives.
- Outline the step by step preparation and administration of PRP.
- Explain to a patient the risks and benefits of PRP therapy for hair loss.

## Workshop 114: Current, Comprehensive Medical Management for Male and Female Hair Loss

DATE Friday | September 30, 2016

TIME 1:00PM-2:30PM

LEVEL All Levels  
Physicians Only**Director:** Francisco Jimenez, MD, FISHRS | Spain**Faculty:** Aline Donati, MD | Brazil

Nicole E. Rogers, MD, FISHRS | USA

Rodney Sinclair, MBBS, MD | Australia

Ken J. Washenik, MD, PhD, FISHRS | USA



Francisco Jimenez, MD

In this workshop we will provide an updated summary on the current evidence-based medical therapy for female and male pattern hair loss including the correct use of well-known medical drugs such as oral antiandrogens, finasteride, dutasteride and topical minoxidil. We will also describe the clinical picture of scarring alopecias including Lichen Planopilaris and Frontal Fibrosing Alopecia, and the current medical therapies for these conditions. New emerging therapies will be discussed. Practical cases will be presented to the panel for discussion about therapies.

## LEARNING OBJECTIVES

Upon completion of the course you will be able to:

- Describe how to use correctly the oral and topical medications that are currently approved and used for treating female and male pattern hair loss.
- Diagnose the most common types of scarring alopecia and describe how to treat them correctly.
- Review new emerging and promising therapies for Androgenetic Alopecia.



## Workshop 115: Hairline Design and Recipient Area Planning

DATE Friday | September 30, 2016

TIME 1:00PM-2:30PM

LEVEL All Levels

Physicians Only

**Director:** Arthur Tykocinski, MD, FISHRS | Brazil

**Faculty:** Ronald L. Shapiro, MD, FISHRS | USA  
Robin Unger, MD | USA



Arthur Tykocinski, MD

Hairline is one of the most important esthetic elements of hair transplantation, so its creation is not only the design of the proper shape and location, that varies in each patient, but also how to deal with the first 1.5 and 2.0 front of the receiving area. Using lectures, videos and animations, experienced surgeons will teach how to create a natural hairline and the differences of the designs.

Nowadays hair restoration is an extremely sophisticated procedure but the donor area availability (donor supply) does not always match the requirement for a complete hair restoration in the present or in the future as the balding progresses. A great result is the one that stands the test of time, so optimal planning/execution, as well as wise donor area use is mandatory. It is always possible to improve on what we perform and clarify what not to do.

### LEARNING OBJECTIVES

Upon completion of the course you will be able to:

- Describe the methodology used to design and execute a natural hairline.
- Recognize and evaluate special situations, such as choosing a higher hairline, and special issues with FUE.
- Recognize different hair loss patterns and propose a restoration plan that will include future hair loss.
- Recognize surgical limitations in marginal candidates and develop appropriate treatment plans for these patients.

## Workshop 116: Avoiding Poor Technique, Poor Planning, Poor Growth and Bad Results

DATE Friday | September 30, 2016

TIME 1:00PM-2:30PM

LEVEL All Levels

All Registration Categories

**NOTE:** This workshop will take place in the General Session room. Simultaneous Interpretation (English to Spanish) will be available.

**Director:** Robert S. Haber, MD, FISHRS | USA

**Faculty:** Bessam K. Farjo, MBChB, FISHRS | United Kingdom

Russell Knudsen, MBBS, FISHRS | Australia

William R. Rassman, MD | USA



Robert S. Haber, MD

The title says it all. No surgeon, beginner or expert, does not experience the occasional failure, and as our work generally involves a large team and an increasing reliance on machinery, failures can arise from our hands or the hands of our staff, and can be related to pre-operative judgment mistakes, through all phases of the procedure itself, equipment problems, and include the post-operative period as well. Our speakers will review in detail, based on many years of experience including both success and failure, how we have learned to maximize our chances of success.

### LEARNING OBJECTIVES

Upon completion of the course you will be able to:

- Identify the most common steps where failure is most likely to arise.
- Identify specific aspects of strip surgery where grafts are placed at greatest risk.
- Identify specific aspects of FUE surgery that will cause poor growth.
- Assess machinery failures and how to correct them.
- Understand the role of growth enhancers for successful results.
- Better identify when staff is the problem.

## Workshop 117: SURGICAL ASSISTANT TOPIC:

### Non-Medical Treatments: The Surgical Assistants Role in LLLT, SMP, Camouflage, PRP and Medications

DATE Friday | September 30, 2016

TIME 1:00PM-2:30PM

LEVEL All Levels

All Registration Categories | NO CME

**Director:** Janna Shafer | USA/UK

**Faculty:** Brandi J. Burgess | USA

Holly Grodzik | USA

Nicole Large | USA

Aileen R. Ullrich, CMA | USA



Janna Shafer

Hair transplant surgical assistants typically play an integral role assisting their physicians in FUE and FUT surgeries. We know just how effective the surgical procedures can be. We also know the limitations of the surgical procedures due to the fact that not all patients are ideal surgical candidates for various reasons. An increasing number of non-surgical treatments are offered as an alternative or as an adjunctive therapies

to surgical procedures. In this workshop, there will be an overview of the 5 most popular non-surgical treatments being offered. The faculty for the workshop consists of assistants from clinics highly regarded and experienced in these treatments. The faculty will address their protocols for the treatment including the role of their assistants.

The workshop will comprise of 4 segments:

- 1) PRP - Questions & Answers
- 2) SMP & Camouflage - Questions & Answers
- 3) Meds & LLLP - Questions & Answers
- 4) Summary of all presentations & short Questions & Answers

This workshop is not sanctioned for CME Credit.

### LEARNING OBJECTIVES

Upon completion of the course you will be able to:

- Describe each of the 5 non-surgical treatments used in hair restoration.
- Identify potential advantages and disadvantages of each treatment presented.
- List when and why each therapy may be recommended.
- Review the role of the assistant in each of these treatments.

## EXHIBITS

**ATTENDEE DUE DILIGENCE** An exhibitor's participation in the World Congress is not an endorsement by the ISHRS of the exhibitor, its products or services, or information provided by the exhibitor. ISHRS makes no representations or warranties regarding any exhibitor or its products or services. An attendee's decision to purchase and use an exhibitor's product or service is at the attendee's sole risk.

Due to the international nature of the World Congress, exhibitors from many countries exhibit at the World Congress.

**It is the responsibility of each attendee to practice due diligence and evaluate an exhibitor's products or services to determine whether the exportation, importation, licensing, or use of an exhibitor's products or services is consistent with the law and medical rules, standards, and ethics applicable to the attendee.**

### Octavius Ballroom 12, Caesars Palace

You are invited to visit the technical exhibit show at the 24th World Congress, located in Octavius Ballroom 12 on the Promenade Level of Caesars Palace. Companies of interest to hair restoration surgeons will be displaying their products and services. Representatives will be available to answer questions.

The following is a list of exhibiting companies, listed in alphabetical order by company name:

### Exhibit Hours

THURSDAY   September 29, 2016	8:00AM-8:00PM
FRIDAY   September 30, 2016	10:30AM-6:00PM
SATURDAY   October 1, 2016	8:00AM-2:00PM

#### A to Z Surgical

25 Plant Ave.  
Hauppauge, NY 11788 USA  
Phone: 1-631-273-0005  
toll-free (U.S. & Canada) 1-800-843-6266  
Fax: 1-631-273-6199  
kenny@georgetiemann.com  
www.georgetiemann.com  
Kenny Moriarty, Vice President

#### Booth #38

*A to Z will again display the newest instrumentation for hair replacement surgery. In addition to new items we will also have on display the standard items for your practice. Stop by for show specials and to pick up our latest catalog.*

#### Advanced Skin & Hair - Revivogen

12121 Wilshire Blvd., Suite 1012  
Los Angeles, CA 90025 USA  
Phone: 1-310-442-9700  
Fax: 1-310-943-1540  
Jenniferk@revivogen.com  
Jennifer Karp, Director of Sales & Marketing

#### Booth #37

*Dermatologist formulated solution that combats the hormonal cause of hair loss - DHT. Revivogen MD: DHT-blocking Scalp Serum, Bio-Cleansing Shampoo to cleanse hair and scalp, and Thickening Conditioner for moisture and volume.*

#### American Board of Hair Restoration Surgery

8840 Calumet Avenue  
Suite 205  
Munster, IN 46321 USA  
Phone: 1-219-836-8585  
Fax: 1-219-836-5525  
abh@sbcbglobal.net  
www.abhrs.com

Peter B. Canalia, J.D., Executive Director

#### Booth #57

*The American Board of Hair Restoration Surgery (ABHRS) is a board organized for the purpose of certifying physicians in the specialty of Hair Restoration Surgery.*

#### Aquavit MD

385 Pilot  
Suite F  
Las Vegas, NV, 89119 USA  
Phone: 1-702-874-8544  
kara.higa@aquavitpharma.com  
Kara Higa

#### Booth #43

*Aquavit MD is the world's first microchannel mesotherapy brand utilizing the AQUAGOLD system, developed by Aquavit Pharmaceuticals, Inc. We focus on R&D of innovative pharmaceutical and biotechnology applications combined with informatics platform using big data.*

#### Beauty Medical, srl

Via Pompeo Mariani, 4  
Milan, ITALY  
Phone: 0039-02-45548548  
international@beautymedical.it  
www.beautymedical.it  
Milena Lardi

#### Booth #17

*Temporary Tricopigmentation by Beauty Medical is a technique that involves the injection of a specific pigment into the dermis in order to recreate the effect of hair on areas of the scalp characterized by hair deficit.*

#### BioLife Solutions, Inc.

3303 Monte Villa Parkway  
Suite 310  
Bothell, WA 98021 USA  
Phone: 1-425-402-1400  
toll-free (U.S. & Canada) 1-866-424-6543  
info@biolifesolutions.com  
www.biolifesolutions.com  
Jim Mathers, Vice President of Sales

#### Booth #56

*HypoThermosol is formulated specifically to support tissue samples during hypothermic storage and address the stresses of hypothermia with balanced ions and molecules, targeted pH buffering and potent free radical scavengers that may reduce hair follicle cell death via apoptosis and necrosis.*

#### Capillus, LLC

1715 NW 82 Avenue  
Miami, FL 33126 USA  
Phone: 1-786-888-6249  
toll-free (U.S. & Canada) 1-888-272-9599  
info@capillus.com  
www.capillus.com  
Carlos Pina, CEO

#### Booth #41

*Capillus manufactures the Capillus272 Pro, Capillus202, Capillus82, & Capillus272 OfficePro laser therapy devices for hair regrowth - which are FDA-cleared for both men and women as safe & effective treatment methods for hair loss due to androgenetic alopecia.*

#### Cesare Ragazzi Laboratories

Via Benini, 11  
Zola Predosa, ITALY  
Phone: +39 051-755407  
stefanoospitali@cesareragazzi.com  
www.cesareragazzi.com  
Stefano Ospitali

#### Booth #29

*Production of Custom Made Hair & Scalp Prosthetic.*

#### CHOIS Instruments Co., Ltd.

702 IS Biz Tower  
147, Seonsui-ro, Seongdong-gu  
Seoul, 04795 SOUTH KOREA  
Phone: +82 2 3446 8188  
Fax: +82 2 3446 8175

steve@choisinst.com  
www.chosinst.com  
Steve Choi, General Manager

#### Booth #10

*OKT (Optimally Kept Transplanter) Hair Implanter is a newly developed implanter that is considered improving the hair survival rate by a new technology that of adjust and fix the length and the depth of the implanter's needle and its core.*

#### Dr U Devices - UGraft

510 North Prospect Avenue  
Suite 209  
Redondo Beach, CA 90277 USA  
Phone: 1-310-318-1500  
Fax: 1-310-318-1590  
Drumar@dru.com  
www.dru.com  
Sanusi Umar, MD, President

#### Booth #2

*UGraft Systems consisting of the 1. UGraft handpiece driver and graft irrigation/flush mechanism; 2. The UPunch Rotor for Glabral head hair FUE and body hair graft extraction and 3. UPunch Curl the non-rotary punch for FUE extraction of all tightly curled and Afro-textured hair.*

#### Eclipse Aesthetics

5916 Stone Creek Drive  
Suite 120  
The Colony, TX 75056 USA  
Phone: 972-380-2911  
toll-free at 1-800-759-6876  
sales@eclipsemed.com  
www.EclipseAesthetics.com

#### Booth #63

*Eclipse Aesthetics, LLC is known for providing superior solutions to the aesthetic U.S.-based medical community and is rapidly becoming a leader in the international aesthetic markets. The company offers a portfolio of quality products including: Eclipse PRP,™ platelet rich plasma kits.*

#### Ellis Instruments, Inc.

21 Cook Avenue  
Madison, NJ 07940 USA  
Phone: 1-973-593-9222  
toll-free (U.S. & Canada) 1-800-218-9082  
Fax: 1-973-593-9277

ellisinstruments.cellis@gmail.com  
www.ellisinstruments.com

Chuck Ellis, President

#### Booth #13

*State of The Art Instrumentation for Hair Restoration.*



### Energy Delivery Solutions

3315 Industrial Parkway  
Jeffersonville, IN 47130 USA

Phone: 1-812-920-0596  
Fax: 1-812-725-9018

bill.ehringer@energy-delivery-solutions.com  
www.energy-delivery-solutions.com

Dr. Bill Ehringer, CEO

#### Booth #1

*Energy Delivery Solutions produces the additive for graft holding solutions...ATPv. ATPv contains adenosine-5'-triphosphate which is the main energy currency of all cells. ATPv is used in over 100 clinics world-wide and added to the success of thousands of hair transplant patients.*

### Ertip Medical

Halide edip adivar mah.  
Akar cad akar apt No:38 d:8 sisli bomonti  
Istanbul, 34382 TURKEY

Phone: +90 212 210 32 20  
Fax: +90 212 210 25 65

info@ertipmedical.com  
www.ertipmedical.com

Ms. Busra Eryigit,  
International Sales & Marketing Manager

#### Booth #54

*Hair Transplant Surgical Instruments.*

### Finishing Touches

6 Bridge Road Business Park  
Haywards Heath, Sussex, RH16 1TX  
UNITED KINGDOM

Phone: +44 1444414744

dawn@finishingtouchesgroup.com  
www.finishingtouchesgroup.com

Dawn Forshaw, Managing Director

#### Booth #52

*Scalp MicropigMENTation - Hair Loss Tattooing by FTG. A one stop shop for Training - Machines - Pigments & Inks. Experience the excellence of our 20 years of industry expertise. Along with 20 skilled Educators to train and mentor you anywhere in the world in; Scalp, Eyebrows, and Scar Minimisation/Camouflage.*

### Follicular Technologies

5757 Wilshire Blvd.  
Promenade 32  
Los Angeles, CA 90036 USA

Phone: 1-310-553-9113

williamrassman@gmail.com  
http://folliculartechnologies.com

William Rassman, President

#### Booth #4

*Hair graft implanter (consumable).*

### FotoFinder Systems, Inc.

7100 Columbia Gateway Drive, #120  
Columbia, MD 21046 USA

Phone: 1-443-283-3865  
Fax: 1-443-283-3869

info@fotofinder-systems.com  
www.fotofinder-systems.com

Ferdinand Mayer, President

#### Booth #44

*TrichoVision is a new system for Trichoscopy and quantification of hair growth. The Bodystation is a photo system for consistent before and after documentation of aesthetic treatments.*

### H2Ocean

7938 SW Jack James Drive  
Stuart, FL 34997 USA

Phone: 1-866-420-2326  
Fax: 1-772-219-8165

john@h2ocean.com

John Rodgers, Sales Manager

#### Booth #32

*H2Ocean All Natural Sea Salt Hair and Scalp Products.*

### Haircheck

12188 SW 128th St.  
Miami, FL 33186 USA

Phone: 1-305-253-5545  
toll-free (US & Canada) 1-800-233-7453  
Fax: 1-305-253-6696

haircheck@iberiusllc.com  
www.haircheck.com

Michael Vidal, President

#### Booth #36

*Patented technology measures hair loss, breakage, and response to treatments. Haircheck gives a precise measurement of "how much hair" is present in an area of scalp and will generate a "hair score" to aid in the diagnosis of thinning and shedding.*

### Hansbiomed Corp.

807, SK, B/D, 55, Seongsuil-ro  
Seongdong-gu  
Seoul 04779, SOUTH KOREA

Phone: (822) 466-2266  
Fax: (822) 463-1554

ophelia@hansbiomed.com  
www.hansbiomed.com

Ophelia Gahyeon Bae, Sales Manager

#### Booth #33

*Lion Implanter is top quality equipment for hair transplantation surgery. Take it all what you need: safety, convenience and different result of follicle survival rate.*

### Healeon Medical, Inc.

1111 Rancho Conejo Blvd., #204  
Newbury Park, CA 91320 USA

Phone: 1-805-499-7408  
Fax: 1-805-435-1488

sales@healeonmedical.com  
www.healeonmedical.com

#### Booth #28

*Healeon Medical provides medical and surgical devices to physicians and surgeons interested in Regenerative Bio-Cellular applications. We provide the CENTRICyte 1000 centrifuge and all associated accessories for a physician or surgeon to produce Bio-Cellular specimen composites.*

### Help Hair Inc.

6150 Via Venetia S  
Delray Beach, FL 33484 USA

Phone: 1-561-420-2400

Corina30@aol.com  
www.helphair.com

Corina Shapiro, RN

#### Booth #16

*Help Hair Products are All Natural Products to help your hair.*

### Hong Kong Feat in Technology Company

Room 602, 6/F  
Witty Commercial Building  
1A Tung Choi Street  
Hong Kong, 852 HONG KONG

Phone: 852-27706118  
Fax: 852-27701938

sonatawwc@yahoo.com.hk  
www.852feat.com

Haywood Cheung, Manager

#### Booth #27

*Hair implant, punch, forceps & fat transfer gun.*

### INFUEZ LLC

8333 216th Street SE  
Woodinville, WA 98072 USA

Phone: 1-425-229-6410  
toll-free (U.S & Canada) 1-844-257-4247

skazen@aterafue.com  
www.aterafue.com

Stuart Kazen

#### Booth #46

*INFUEZ is an innovative medical device company focused on design and development of aesthetic medical products. INFUEZ's newly introduced ATERA FUE System is designed to answer the needs of hair restoration surgeons.*



### LaserCap Co.

3615 Superior Avenue East  
Suite 4203D  
Cleveland, OH 44114 USA

Phone: 1-855-424-7774

admin@lasercap.us  
www.lasercap.com

John Vincent, Director,  
Executive Director of Sales & Marketing

#### Booth #21

*Low Level Laser Light Therapy Take Home Device.*

### Lasso Live Chat

115 Wild Basin Road, Suite 200  
Austin, TX 78746 USA

Phone: 1-512-843-3092

cmassaro@lasso.chat  
www.lasso.chat

Chris Massaro, President

#### Booth #61

*Lasso is a 24/7 staffed live chat service for Hair Restoration/Cosmetic practices. The point is to turn website visitors into patients. We get the visitor's contact info and send it to you with an email and a phone call. Trusted by over 8000 websites.*

### LeadM Corp.

5F Howon Bldg., 6, Seocho-daero 34-gil  
Seocho-gu  
Seoul, 06661 SOUTH KOREA

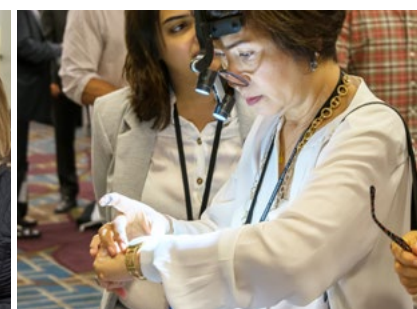
Phone: +82-10-5492-1010  
Fax: +82-2-6008-6112

leadmcorp@gmail.com

Terry Lee, Manager

#### Booth #11

*Choi implanter, Hwang's implanter, Hair density and caliber measuring system, Folliscope.*



## EXHIBIT FLOOR PLAN

ENTRANCE

Catering  
and Lounge Area

Catering and Lounge Area

<b>54</b> Ertip Medical	<b>52</b> Finishing Touches
<b>56</b> BioLife Solutions	<b>Lounge Area</b>
<b>57</b> ABHRS	
<b>58</b> S.A.F.E. System	
<b>59</b> Robbins Instruments	
	<b>47</b> Southwest Medical Books

<b>28</b> Healeon Medical	<b>27</b> Hong Kong Feat in Technology
<b>29</b> Cesare Ragazzi	<b>26</b>
<b>31</b> SurgiNOR	<b>24</b> MTI
<b>32</b> H2Ocean	<b>23</b> Lending Club
<b>33</b> Hansbiomed	<b>22</b>
<b>21</b> Lasercap	

<b>1</b> Energy Delivery Solutions
<b>2</b> Dr. U Devices -UGraft
<b>3</b> Medicateck
<b>4</b> Follicular Technologies
<b>5</b> Nutrafol
<b>6</b> Microsurgery Instruments
<b>7</b> WAW FUE System
<b>8</b> Restoration Robotics
<b>10</b> Chois Instruments
<b>11</b> LeadM Corp.
<b>12</b> MD Cosmetica
<b>13</b> Ellis Instruments

<b>61</b> Lasso Live Chat	<b>46</b> Infuez
<b>62</b> Theradome	<b>44</b> FotoFinder Systems
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<b>35</b> Q-Optics	<b>20</b> Rose Micro Solutions
<b>36</b> Haircheck	<b>17</b> Beauty Medical
<b>37</b> Advanced Skin & Hair Revivogen	
<b>38</b> A to Z Surgical	
	<b>16</b> Help Hair
	<b>15</b> SmartGraft by Vision Medical

ENTRANCE



**Lending Club Patient Solutions**

1700 W. Park Drive, Suite 310  
Westborough, MA 01581 USA  
Phone: 1-800-630-1663  
solutions@lendingclub.com  
www.lendingclub.com/providers

**Booth #23**

*Lending Club Patient Solutions offers patient financing options to make hair restoration treatment possible. To learn more about our offering call 800-630-1663 or visit our website at lendingclub.com/providers.*

**MD Cosmetica**

660 West Lake Cook Rd.  
Buffalo Grove, IL 60089 USA  
Phone: 1-847-215-4968  
chase@procrinix.com  
MDCosmetica.com  
Chase Baraczek, Vice President

**Booth #12**

*MD Cosmetica is a producer of innovative hair and skincare products using the latest peptide and growth factor technology.*

**Medical Technology Industries, Inc. (MTI)**

3655 W. Ninigret Drive  
Salt Lake City, UT 84093 USA  
Phone: 1-801-497-1594  
Fax: 1-801-952-0548  
krispen.blackett@mti.net  
www.mti.net  
Krispen Blackett, Sales Representative

**Booth #24**

*MTI's products are perfect for any Hair Restoration Surgeon. Our booth features the 430 Procedure Chair, LED lights, stools & side chairs. Save \$5010 on a 430 chair & MI 1000 Light, plus receive programmability & a stool. Visit mti.net.*

**Medicateck**

Place Saint Gery, 2-3, 3R  
Brussels, 1000 BELGIUM  
Phone: +32 473-5641  
www.medicatck.com  
Astrid Irene Verbaan

**Booth #3**

*Surgical Instruments*

**Microsurgery Instruments, Inc.**

P.O. Box 1378  
Bellaire, TX 77402 USA  
Phone: 1-713-664-4707  
Fax: 1-713-664-8873  
microusa@microsurgeryusa.com  
www.microsurgeryusa.com  
David Pan, Director

**Booth #6**

*Microsurgery Instruments is a supplier of titanium surgical instruments. We offer titanium scissors, needleholders and forceps. Our super-cut scissors are among the sharpest in the market and newly designed loupes offer 130mm FOV and 11X magnification.*

**Nutrafol**

28 West 27th Street  
New York, NY 10001 USA  
Phone: 1-888-454-3320  
Roland@Nutrafol.com  
www.nutrafol.com  
Roland Peraltaa, Co-Founder, President

**Booth #5**

*With patent-pending formulas for both female and male related hair loss, Nutrafol® leverages recent innovations in biotechnology to help treat hormonal and stress related hair loss and thinning. To learn more about Nutrafol visit www.Nutrafol.com.*

**Q-Optics**

1419 Godwin Lane  
Duncanville, TX 75116 USA  
Phone: 1-972-298-2669  
toll-free (U.S. & Canada) 1-800-858-2121  
Fax: 1-972-298-6592  
Brent.Downs@q-optics.com  
www.q-optics.com  
Brent Downs, Director of Sales

**Booth #35**

*Q-Optics manufactures surgical loupes and LED headlights. Both custom through the lens loupes and flip style loupes are offered in a variety of magnifications.*

**Restoration Robotics**

128 Baytech Drive  
San Jose, CA 95134 USA  
Phone: 1-408-883-6888  
toll-free (U.S. & Canada) 1-888-963-8923  
melanies@restorationrobotics.com  
www.restorationrobotics.com

**Booth #8**

*ARTAS® Robotic Hair Transplant System.*

**Robbins Instruments**

2 North Passaic Avenue  
Chatham, NJ 07928 USA  
Phone: 1-973-635-8972  
toll-free (U.S. & Canada) 1-800-206-8649  
Fax: 1-973-635-8732  
george@robbinsinstruments.com  
www.robbinsinstruments.com  
George Mulvaney

**Booth #59**

*Hair Transplant Instruments.*

**Rose Micro Solutions**

4105 Seneca Street  
West Seneca, NY 14224 USA  
Phone: 1-716-608-0009  
mark@rosemicrosolutions.com  
www.rosemicrosolutions.com  
Mark Overhoff, Managing Partner

**Booth #20**

*Rose Micro Solutions sells High Quality Optical Loupes & LED Lighting systems for Less! Our Loupes start @ \$279.00. We are a "Family" Business consisting of 4 Brothers. We named the company after our mother "ROSE".*

**S.A.F.E. System**

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Greenwood Village, CO 80111 USA  
Phone: 1-720-536-4897  
toll-free (U.S. & Canada) 1-877-265-9667  
Fax: 1-303-694-9373  
vmelero@hscdev.com  
www.hscdev.com  
Veronica Melero, Product Manager

**Booth #58**

*Mototized F.U.E. System.*

**SmartGraft by Vision Medical**

46 Regency Plaza  
Glen Mills, PA 19342 USA  
Phone: 1-610-680-7676 or  
1-844-32-SMART (76278)  
Fax: 1-610-616-5702  
info@smartgraft.com  
www.SmartGraft.com

Adriana Fazio,  
Marketing & Communications Director

**Booth #15**

*SmartGraft is an advanced technology developed to assist hair restoration physicians with maximizing their FUE technique. The device allows physicians to extract, collect and store donor grafts more efficiently and significantly reduces harvesting time.*

**Southwest Medical Books**

3473 Sitio Borde  
Carlsbad, CA 92009 USA  
Phone: 760-944-9906  
Fax: 1-760-944-9926  
kellydusenberry@gmail.com  
www.southwestmedicalbooks.com  
Kelly Dusenberry

**Booth #47**

*The latest in medical textbooks at discount pricing with free shipping -- Including the latest in Dermatology and Hair Transplant Textbooks.*

**SurgiNOR**

766 Eastern Avenue  
London, UNITED KINGDOM  
Phone: 08000885468  
m.anis@surginor.com  
www.surginor.com  
Mohammad Anis, Business Development Manager

**Booth #31**

*SurgiNOR is a supplier and distributor of high quality stainless steel single use and reusable surgical instruments for outpatient and theatre usage.*

**Theradome Inc.**

4900 Hopyard Road, Suite 100  
Pleasanton, CA 94588 USA  
Phone: U.S. Sales 1-925-956-4777  
International Sales 1-310-802-4537  
Fax: 1-925-374-1202  
crystal@theradome.com  
www.theradome.com  
Crystal Benner,  
Director of Hair Care Products

**Booth #62**

*Theradome™ LH80 PRO, technologically advanced, FDA-cleared OTC wearable laser helmet for hair growth. Millions of people suffering hair loss can enjoy effective hair treatments at home. Our device uses 80 proprietary lasers to deliver clinical grade performance for hair restoration therapy.*

**WAW FUE System**

Avenue De Tervueren  
36/5  
Brussels, 1040 BELGIUM  
Phone: 003228807060  
info@waw-fue.com  
www.waw-fue.com  
Claudia Parra, Office Manager

**Booth #7**

*Full device for FUE extraction: foot pedal, handpiece, motor and punches.*



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**HELICOPTER RIDE TO GRAND CANYON** This is a full one day excursion. Check online for tour providers.

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**DEATH VALLEY NATIONAL PARK** Experience extreme desert solitude just 1½ hours from Las Vegas.

**KAYAKING ON COLORADO RIVER AND OTHER NATURE EXPEDITIONS** One possible outfitter is Evolution Expeditions at <https://evolutionexpeditions.com>.

**GOLFING IN THE DESERT** Caesars Entertainment owns Cascata Golf Club, [www.cascatagolf.com](http://www.cascatagolf.com), and Rio Secco Golf Club, [www.riosecco.net](http://www.riosecco.net).

**FOR MORE INFORMATION ON LAS VEGAS** and all it has to offer, visit the website of the **LAS VEGAS CONVENTION & VISITORS AUTHORITY**.

[www.visitlasvegas.com](http://www.visitlasvegas.com)

Las Vegas photography courtesy of Las Vegas News Bureau



## Are You Leveraging Your Member Benefits at [www.ISHRS.org](http://www.ISHRS.org)?

- ▶ "Hair Loss Discussion Forum" where ISHRS members can engage with consumers looking for feedback and information on a number of topics
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- ▶ Recorded sessions from previous meetings



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Go to [www.ISHRS.org](http://www.ISHRS.org) for your member application

*The International Society of Hair Restoration Surgery is a non-profit medical association dedicated to hair loss and hair restoration comprised of over 1,200 members – physicians & surgeons, researchers, and surgical assistants.*

Since its incorporation in 1993, a renaissance in hair transplantation surgery was set into motion by the ISHRS. The multidisciplinary, international membership of the ISHRS became a critical mass for an explosion of innovation in hair transplantation surgery. The World Congress is a highlight of the year in which the top minds in HRS come together to advance the art and science of hair restoration surgery!

### MISSION & VISION

*The mission of the International Society of Hair Restoration Surgery is to achieve excellence in medical and surgical outcomes by promoting member education, international collegiality, research, ethics, and public awareness. The vision is to establish the ISHRS as a leading unbiased authority in medical and surgical hair restoration.*

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- Access to the **Online Forum Article Archives Database Search**
- Subscription to the peer-reviewed journal, **Dermatologic Surgery (physicians, adjunct, and residents only)**
- Electronic PDF journal, **Human Trichology**, and **Drugs in Dermatology**
- Opportunities to earn continuing medical education (CME) credits – **AMA PRA Category 1 Credits™** and AAD Category 1 CME Credits programs
- Eligibility for **research grants**
- **www.ISHRS.org**  
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FAX 1-630-262-1520 | E-MAIL [info@ishrs.org](mailto:info@ishrs.org) | [www.ISHRS.org](http://www.ISHRS.org)

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Asian Association of Hair Restoration Surgeons  
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