

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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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.

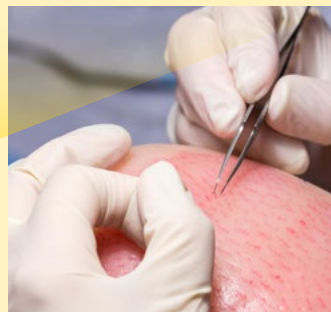
The ISHRS has changed the name of the Annual Scientific Meeting to the World Congress of the ISHRS. Over **700 participants from 77 countries attended** the congress last year. With the recent foundation of the Hellenic Academy, the Swiss Society of Hair Restoration Surgery, the Hair Restoration Society 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 Rompolas** 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 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	Ancillary Meeting: ABHRS Primary Exam
8:30AM -6:00PM	Ancillary Meeting: 1st Annual Meeting of SILATC Emperors Ballroom I, Emperors Level
3:00PM-7:00PM	Registration Octavius Foyer
3:00PM-8:00PM	Speaker Ready Room Octavius 3

WEDNESDAY | September 28, 2016

6:30AM-6:00PM	Speaker Ready Room Octavius 3
7:15AM-5:30PM	Registration Octavius Foyer
8:00AM-4:00PM	ISHRS Board of Governors Meeting Emperors Ballroom I, Emperors Level
8:00AM-11:30AM	401: Surgical Assistants Program Palace Ballroom III, Emperors Level
8:00AM-5:30PM	402: Basics Course Octavius 6
8:00AM-5:30PM	403: Advanced/Board Review Course Octavius 20
9:00AM-12:00PM	Mini Courses
	404: FUE Mini Course – Powered Sharp Octavius 17
	405: FUE Mini Course – Powered Blunt Octavius 18
	406: FUE Mini Course – Manual Octavius 19
	407: SMP Mini Course Octavius 16
12:30PM-4:30PM	408: Surgical Assistants Core Skills Workshop Octavius 11
1:00PM-7:00PM	Exhibitors Set-up Octavius 12
1:00PM-7:00PM	Poster Owners Set-up Octavius Foyer
2:00PM-5:00PM	Mini Courses
	409: FUE Mini Course – Powered Sharp Octavius 17
	410: FUE Mini Course – Powered Blunt Octavius 18
	411: FUE Mini Course – Manual Octavius 19
	412: SMP Mini Course Octavius 16
5:00PM-5:30PM	Moderators of General Session Meeting Meet at Speaker Ready Room Octavius 3
5:30PM-7:30PM	Global Council of Hair Restoration Surgery Societies Meeting Emperors Ballroom II, Emperors Level
6:00PM-7:30PM	Ancillary Meeting: ABHRS Recertification Exam 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
	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
	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 Coffee Break & Visit the Exhibits Octavius 12	
5:15PM-6:00PM Visit the Exhibits Octavius 12		
5:15PM-7:00PM Surgical Assistants Committee Meeting Umbria		
5:45PM-7:45PM 221: M&M Conference Octavius 17		

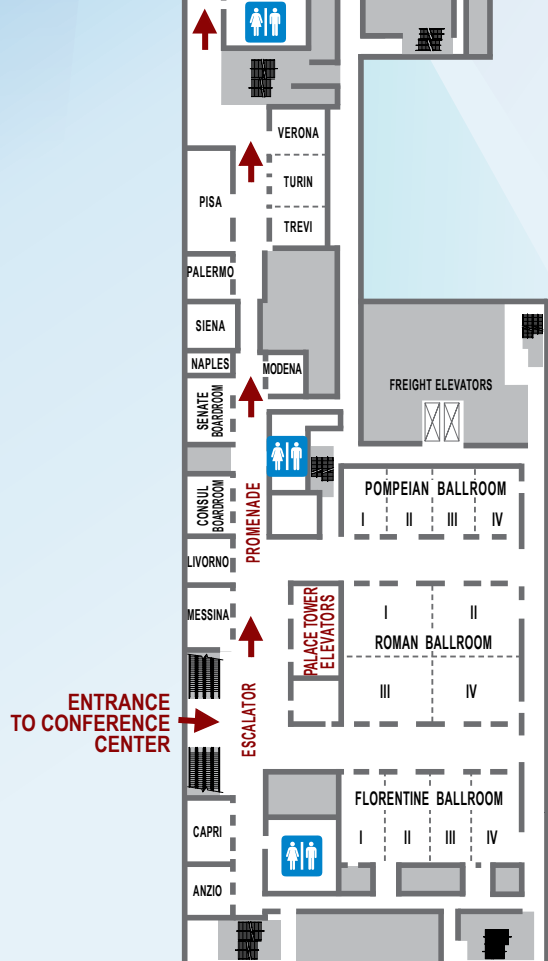
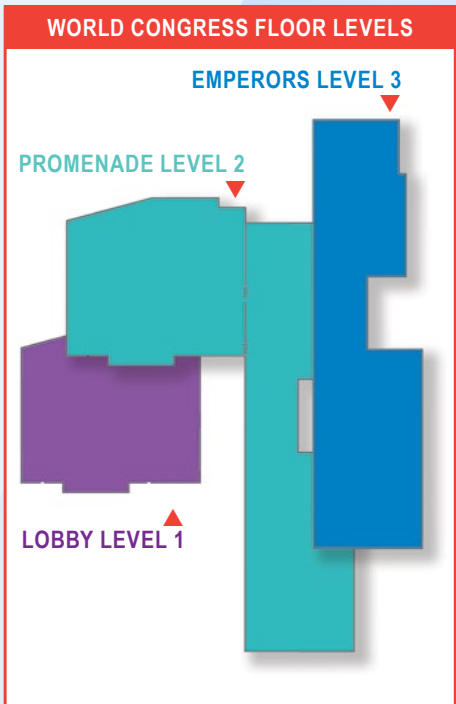
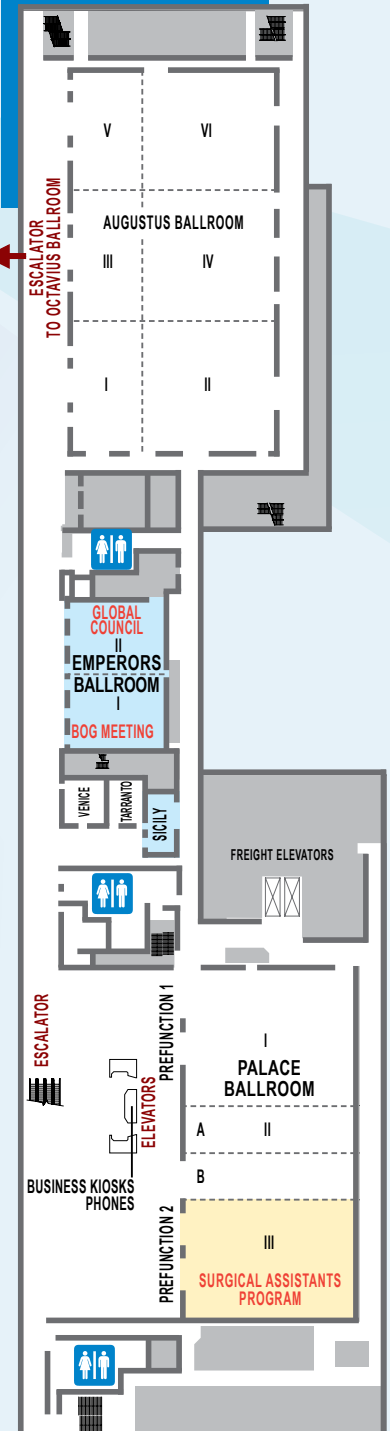
SATURDAY | October 1, 2016

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

MEETING SPACE FLOOR PLAN

PROMENADE LEVEL

EMERORS LEVEL



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 USA
8:00AM-5:30PM	402: Basics Course in Hair Restoration Surgery (ticket required) Greg Williams, MBBS, FISHRS United Kingdom Mauro Speranzini, MD, FISHRS Brazil
8:00AM-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.



THURSDAY | September 29, 2016

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

11:00AM-11:45AM	Current Perspectives in Hair Restoration Surgery 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	2 Moderator Introduction 007 Robert S. Haber, MD, FISHRS USA
11:03AM-11:10AM	7 Follicular Unit Extraction: Evolution of a Technology 008 William R. Rassman, MD USA
11:11AM-11:18AM	7 Occipital Area Thinning Caused by FUE 009 Bradley R. Wolf, MD, FISHRS USA
11:19AM-11:26AM	7 Potential of Donor in FUE, FUT & Combination FUE/FUT 010 Ronald L. Shapiro, MD, FISHRS USA
11:27AM-11:34AM	7 Effects of FUE Transection on Graft Growth 011 Jean M. Devroye, MD, FISHRS Belgium
11:35AM-11:45AM	10 Questions & Answers
11:50AM-12:30PM	FUE Delegation: Is it Ethical & Legal? 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	5 Moderator Introduction & Overview 012 Carlos J. Puig, DO, FISHRS USA
11:56AM-12:11PM	15 Think Before You Delegate 013 Peter A. Gaido, JD, Gaido & Fintzen Attorneys at Law, Chicago USA
12:12PM-12:30PM	18 Panel Discussion PANELISTS 014 Kapil Dua, MBBS, MS India 015 Sharon A. Keene, MD, FISHRS USA 016 Ricardo Mejia, MD USA 017 O. Tayfun Oguzoglu, MD Turkey 018 Greg Williams, MBBS, FISHRS United Kingdom 019 Ken L. Williams, Jr., DO, FISHRS USA
12:30PM-1:30PM	Lunch Buffet 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.

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 Damkerng 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**



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

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

Welcome RECEPTION



Join us

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.

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



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

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

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

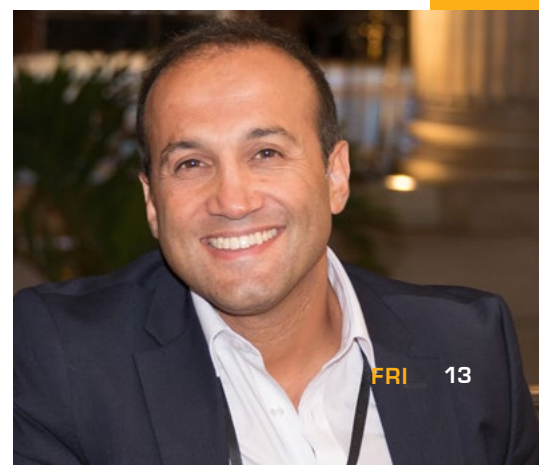
11:34AM-12:00PM 26 Panel Discussion

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

2:30PM-3:00PM	Coffee Break & Visit Exhibits/View Posters FORMAL POSTER SESSION
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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.
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3:00PM-3:02PM	2 Moderator Introduction 106 Dow B. Stough, MD USA
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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 <i>Professor of Dermatology at the University of Melbourne and Director of Dermatology at the Epworth Hospital, Melbourne, Australia</i> The Advances in Hair Biology Lectureship is generously supported by a grant from BOSLEY.
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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
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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
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3:40PM-3:55PM	15 Questions & Answers
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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
118 | 1. Avoiding FUT Sequelae
Raymond J. Konior, MD USA
Mohammad Humayun Mohmand, MD, FISHRS Pakistan |
| 119
120 | 2. Beard and Chest FUE Hair Transplantation
Ozgur Oztan, MD Turkey
Piero Tesauro, MD Italy |
| 121
122 | 3. Best Methods for Curly Hair FUE
Patrick Mwamba, MD USA
TBD |
| 123
124 | 4. Biotechnology in Hair Regeneration
Angela M. Christiano, PhD USA
Ken J. Washenik, MD, PhD, FISHRS USA |
| 125
126 | 5. Eyelash Transplantation
Gholamali Abbasi, MD Iran
Paul M. Straub, MD, FISHRS USA |
| 127
128 | 6. Female Pattern Alopecia: Clinical and Alternative Treatment Options
Steven P. Gabel, MD, FISHRS USA
Dirlene Melo Palmeira Roth, MD Brazil |
| 129
130 | 7. Graft Survival and Storage Solutions
Paul T. Rose, MD, JD, FISHRS USA
TBD |
| 131
132 | 8. Hairline Optimal Design - Advanced
Ronald L. Shapiro, MD, FISHRS USA
TBD |
| 133
134 | 9. How to Avoid Thinning, Transection and Capping in FUE
James A. Harris, MD, FISHRS USA
Kayihan Sahinoglu, MD Turkey |
| 135
136 | 10. How to Hire and Train Top Quality Assistants
Sara L. Salas, MD Mexico
TBD |
| 137
138 | 11. How to Select the Best FUE Device for You
O. Tayfun Oguzoglu, MD Turkey
Arthur Tykocinski, MD, FISHRS Brazil |
| 139
140 | 12. Implanters - FUE and FUT Advanced Level
Sungjoo (Tommy) Hwang, MD, PhD, FISHRS South Korea
Mauro Speranzini, MD Brazil |

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





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

11:40AM-12:20PM	Special Consideration Topics I LEARNING OBJECTIVES • Describe different surgeons' novel approaches in hair restoration.
11:40AM-11:42AM	2 Moderator Introduction 169 Robin Unger, MD USA
11:43AM-11:48AM	5 VIDEO: Modification in FUT technique for Quick and Safe Strip Harvesting 170 Satya K. Saraswat, MBBS, MS, MCh, DNB India
11:49AM-11:58AM	9 To Study and Compare the Scalp, Bearded Chest Hair in a Hair Restoration Procedure 171 Jyoti Gupta, MD India
11:59AM-12:06PM	7 VIDEO: State of the Art-FUE Donor Harvesting Management 172 Ken L. Williams, Jr., DO, FISHRS USA
12:07PM-12:14PM	7 TBD 173
12:15PM-12:20PM	5 Questions & Answers
12:00PM-2:00PM	Posters Dismantle
12:20PM-2:00PM	Last Chance to View Exhibits
12:20PM-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.

1:00PM-1:45PM	LUNCH SYMPOSIUM Primary Cicatricial Alopecia
	LEARNING OBJECTIVES <ul style="list-style-type: none"> • 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 <i>Dermatologist, Trichology fellowship coordinator at "Hospital do Servidor Público Municipal" at São Paulo, Brazil</i>
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 <ul style="list-style-type: none"> • 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 <ul style="list-style-type: none"> • 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
<i>Formal Poster Session</i>	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 | P14 The Use of Platelet Rich Plasma in Hair Transplant Surgery
Christine Guimaraes, MD Brazil | P29 Permanent Way of Removing Unwanted Terminal Hair
Arvind Poswal, MBBS India |
| P02 Withdrawn | P15 Significant Factors Related to Wide Surgical Strip Scar in Korean Population
Hyo Kang, MD South Korea | P30 Does Hair Transplantation Restore or Improve Physical and Mental Health of Patients?
Bruce M. Reith, MD Germany |
| P03 Withdrawn | P16 The Isolated Frontal Forelock Design Revisited
Emre Karadeniz, MD Turkey | P31 Combination of Scalp and Beard Hair Transplant: In Scarring Alopecia Secondary to Lichen Planus
Kuldeep Saxena, MBBS, DDV India |
| P04 Male Hairline
Gökhan Akin, MD Turkey | P17 A Guide to Studying Human Hair Follicle Cycling In Vivo
Moonkyu Kim, MD, PhD South Korea | P32 KD Spreader - A Slit Dilating Device
Kuldeep Saxena, MBBS, DDV India |
| P05 Experiences of Hair Transplantation on Top of Forehead Recontouring and Augmentation in Female-transgendered Patients
Kulakarn Amonpattana, MD Thailand | P18 Development of an Automatic Implanting Machine
Moonkyu Kim, MD, PhD South Korea | P33 Combination of Strip with Follicular Unit Extraction for Maximal Graft Harvest
Mayank Singh, MS Mch India |
| 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 | P19 Outcomes of Donor Closure with Poliglecaprone 25 Suture in FUT
Muthuvel Kumaresan, MD India | P34 Getting Early Results in Hair Transplant
Mayank Singh, MS Mch India |
| P07 Comparative Clinical Study of 3 Holding Solutions in Body Hair Transplant
Jose de la Lama, MD, MBA, PhD Spain | P20 Economic Self-Preparation Platelet-Rich-Plasma (PRP) and Its Efficacy in Male Androgenetic Alopecia (AGA)
Kongkiat Laorwong, MD, FISHRS Thailand | P35 Hair Transplantation for Patient with Linear Scleroderma en Coup de Sabre
Bruno A. Szyferman, MD Argentina |
| P08 A Socio-Psychology Study of Indian Patients Concerning Hair Loss and Transplants
Viral Desai, MS, MCH, DNB India | P21 A Comparison of the Efficacy of Motorized Punch and Manual Punch
Shalini Malhotra, MBBS, DNB India | P36 Current Advancements in the ARTAS Robotic Hair Transplant System
Craig L. Ziering, DO, FISHRS USA |
| P09 PRP - The Frugal Way
Aman Dua, MBBS, MD India | P22 Beard to Scalp Hair Transplant – How We Do It
Parsa Mohebi, MD, FISHRS USA | P37 Robotic Hair Transplantation: Advantages of 3D Modeling and Robotic Recipient Site Making
Craig L. Ziering, DO, FISHRS USA |
| P10 Challenges and Complications in Body Hair Transplant
Kapil Dua, MBBS, MS India | P23 Multi Case Example of Infection Induced by Documented PRP Contamination
Tayfun Oguzoglu, MD Turkey | 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 |
| P11 Is the Transplantation of Only Body Hair Fruitful?
Kapil Dua, MBBS, MS India | P24 Natural Eyebrow Profile
Özgür Öztan, MD, PhD Turkey | P39 Withdrawn |
| P12 Statistics & Demographics on Hair Transplantation and Trico Scan Study of Donor Site in Indian Patients
Seema Garg, MBBS, MSc India | P25 Dermoscopy for Hair Transplant Surgeon
Ratchathorn Panchaprateep, MD, PhD Thailand | P40 Evaluation of Skin Permeability of Finasteride Loaded in Different Gel Formulations - Preliminary Data from a 6 Months Clinic Study
Piero Tesauro, MD Italy |
| 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 | P26 Congenital Triangular Alopecia My Experience
Ezequiel R. Panno, MD Spain | P41 SFRP2 Augments Wnt/ &beta;-catenin Signaling in Cultured Dermal Papilla Cells
Jisup Ahn, MD, PhD, FISHRS South Korea |
| | P27 Female Hairline Morphometrics
Kaan Pekiner, MD Turkey | P42 Make Your Own Tools
Bruno A. Szyferman, MD Argentina |
| | P28 Long Term Follow Up of Body Hair to Scalp Transplants Over 10 Years
Arvind Poswal, MBBS India | 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 Bobgna'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

SEE \$895

LEVEL Beginner **Physicians Only**

Basics Course Chair:

Gregory Williams, MBBS, FISHS | UK

Co-Chair: Mauro Speranzini, MD | Brazil

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 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 ISHS 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.



Gregory Williams, MBBS



Mauro Speranzini, MD

COURSE OUTLINE

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

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

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

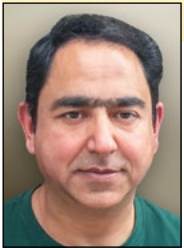


Sara M. Wasserbauer, MD

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

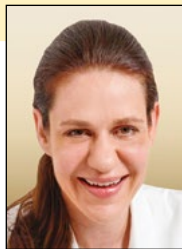
STATION 2 Strip Harvesting

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

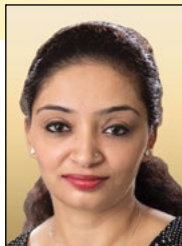
STATION 3 Strip FUT Graft Preparation, Microscopes, Loupes and Ergonomics

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

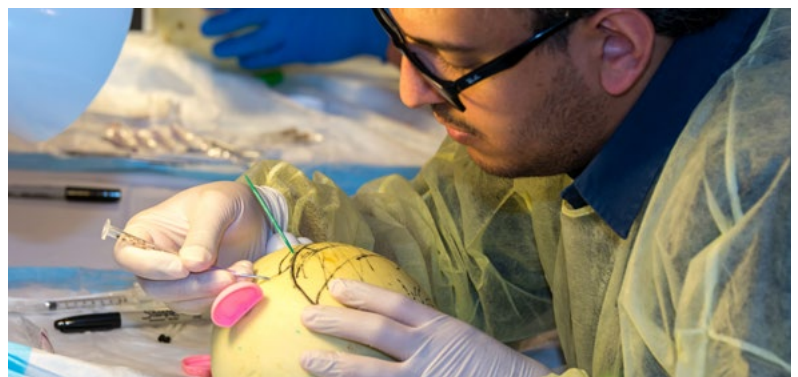


TK Shiao, MD

STATION 5 Recipient Site Making and Graft Placing (Forceps and Implanter)

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



Marco N. Barusco, MD



Bernard A. Arocha, MD

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.

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 & 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 **404: FUE Mini Course: Powered Sharp Punch Systems – Shaven and Non-Shaven FUE**

9:00AM-12:00PM **405: FUE Mini Course: Powered Blunt Punch System for FUE**

9:00AM-12:00PM **406: FUE Mini Course: Manual, Non-Powered FUE Techniques**

9:00AM-12:00PM **407: SMP Mini Course**

2:00PM-5:00PM **409: FUE Mini Course: Powered Sharp Punch Systems – Shaven and Non-Shaven FUE**

2:00PM-5:00PM **410: FUE Mini Course: Powered Blunt Punch System for FUE**

2:00PM-5:00PM **411: FUE Mini Course: Manual, Non-Powered FUE Techniques**

2:00PM-5:00PM **412: SMP Mini Course**

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
Separate registration required for each course.

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

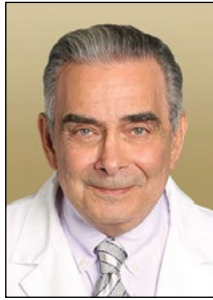
TIME Morning Session 9:00AM-12:00PM (407)
Afternoon Session 2:00PM-5:00PM (412)
Separate registration required for each course.

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



William R. Rassman, MD

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.

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



Kapil Dua, MBBS, MS

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.

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



Flavia Barsali, MD

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.

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

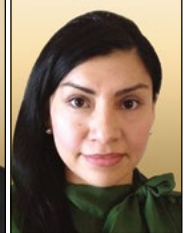
Tissue Slivering



Kathryn Morgan
Canada



Sara Roberts, RN
United Kingdom

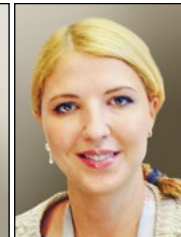


Diana Carmona
USA

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

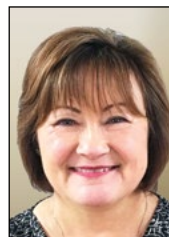


Felipe Reynoso
USA



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, FISHSR | 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



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.



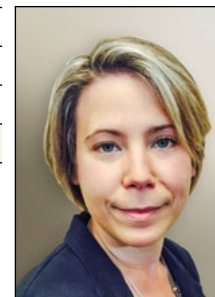
Workshop 107: SURGICAL ASSISTANT TOPIC: Patient Management: Comfort on the Day of Surgery

DATE Friday | September 30, 2016

TIME 9:00AM-10:30AM

LEVEL All Levels

All Registration Categories | NO CME



Aileen R. Ullrich, CMA

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

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



Vance W. Elliott, MD

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

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



James A. Harris, MD

Director: James A. Harris, MD, FISHRS | USA

Faculty: Márcio Crisóstomo, MD, FISHRS | Brazil

Jean M. Devroye, MD, FISHRS | Belgium

Sanusi H. Umar, MD | USA

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



Robert P. Niedbalski, DO

Director: Robert P. Niedbalski, DO | USA

Faculty: Joseph Greco, PhD, PA/C | USA

Ryan J. Welter, MD, PhD | USA

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



Francisco Jimenez, MD

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

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

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www.georgetiemann.com
Kenny Moriarty, Vice President

Booth #38

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Jennifer Karp, Director of Sales & Marketing

Booth #37

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American Board of Hair Restoration Surgery

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Phone: 1-219-836-8585
Fax: 1-219-836-5525

abhrs@sbcglobal.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

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kara.higa@aquavitpharma.com
Kara Higa

Booth #43

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Milena Lardi

Booth #17

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Jim Mathers, Vice President of Sales

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www.capillus.com
Carlos Pina, CEO

Booth #41

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Stefano Ospitali

Booth #29

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www.choisinst.com
Steve Choi, General Manager

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Sanusi Umar, MD, President

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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.

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Chuck Ellis, President

Booth #13

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Dr. Bill Ehringer, CEO

Booth #1

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www.ertipmedical.com

Ms. Busra Eryigit,
International Sales & Marketing Manager

Booth #54

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Dawn Forshaw, Managing Director

Booth #52

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William Rassman, President

Booth #4

Hair graft implanter (consumable).

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Fax: 1-443-283-3869

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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.

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John Rodgers, Sales Manager

Booth #32

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Michael Vidal, President

Booth #36

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Ophelia Gahyeon Bae, Sales Manager

Booth #33

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Booth #28

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Corina Shapiro, RN

Booth #16

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Haywood Cheung, Manager

Booth #27

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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.

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John Vincent, Director,
Executive Director of Sales & Marketing

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Chris Massaro, President

Booth #61

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leadmcorp@gmail.com

Terry Lee, Manager

Booth #11

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



EXHIBIT FLOOR PLAN

Catering and Lounge Area

ENTRANCE

Catering and Lounge Area

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

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

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

61 Lasso Live Chat	46 Infuez
62 Theradome	44 FotoFinder Systems
63 Eclipse Aesthetics	
64	43 Aquavit MD
41 Capillus LLC	

35 Q-Optics	20 Rose Micro Solutions
36 Haircheck	17 Beauty Medical
37 Advanced Skin & Hair Revivogen	
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