INTERNATIONAL SOCIETY OF
HAIR RESTORATION SURGERY
When Award Winning
Hair Transplant Surgeons Meet

FINAL PROGRAM GUIDE

2018 WORLD CONGRESS SCIENTIFIC PLANNING COMMITTEE

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Ali Emre Karadeniz, MD, Advanced/Board Review Course Chair | TURKEY
Daniel G. McGrath, DO, Advanced/Board Review Course Co-Chair | USA
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#ISHRSHollywood18

OCTOBER 10-14
HOLLYWOOD
LOEWS HOLLYWOOD HOTEL
www.ISHRS.org
Dear Colleagues,

Welcome to the 26th World Congress of the ISHRS in Hollywood! After much preparation we are excited to welcome you to the next great meeting of the ISHRS. We are expecting a large number of attendees, perhaps the biggest yet!

In the spirit of Hollywood we have planned many glamorous details throughout the meeting, including our Red Carpet Gala and Awards which will take place on Saturday evening. Many of you have purchased your own star on the ISHRS Walk of Fame, we thank you for the support and hope you will enjoy finding and taking a photograph with your star.

The ISHRS continues to grow as the global leader among professional societies of hair restoration surgeons. We are proud of our tradition of collegiality and ethical practices to achieve excellence in medical and surgical outcomes. We welcome our friends, old and new, and hope those who are new to the field will find our meetings educational and enjoyable, and will consider becoming a member of our global society.

Warmest regards,

Sungjoo (Tommy) Hwang, MD, PhD, FISHRS | Korea

ISHRS President

Parsa Mohebi, MD, FISHRS | USA

Program Chair, 2018 World Congress
The ISHRS is the leader in high quality education for hair restoration surgeons. The ISHRS has achieved the highest level of accreditation to organize education for physicians from the renowned Accreditation Council for Continuing Medical Education.

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

The International Society of Hair Restoration Surgery designates this live activity for a maximum of 34.0 AMA PRA Category 1 Credits™. Physicians should claim only the credit commensurate with the extent of their participation in the activity.

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.

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

OBTAINING CME CREDITS & CME CERTIFICATES
Physicians must complete 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 emailed after the meeting. Physicians will only receive a CME certificate if the CME Credits Claimed Form is completed.

EVALUATION SURVEYS
The CME Committee and World Congress Committee kindly request that you complete the evaluation surveys for each workshop and course 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. All evaluations are located in the conference app.

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. Thank you for your participation.

CHANGES TO IMPLEMENT WHEN I GET HOME WORKSHEET
This worksheet 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
We gratefully recognize the contributions of our in-kind commercial supporters.

In-Kind
A to Z
Aderans
Beauty Medical
Choi Instruments, Co., Ltd.
Devroye Instruments
Ellis Instruments
Finishing Touches
FotoFinder
Harris FUE Instruments
LeadM
Mamba 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 all health and safety protocols and procedures 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.
GENERAL INFORMATION

AIRPORT & GROUND TRANSPORTATION INFORMATION
The Loews Hollywood Hotel is located in West Hollywood, approximately a 42-minute drive (27 miles) from Los Angeles International Airport (airport code LAX). Traffic in Los Angeles is often very heavy, so note this is an approximate travel time.

Taxis One-way taxi fares between the hotel and airport (LAX) range from $60-80 plus tip, depending on traffic. Taxis accept credit cards, but its best to confirm with the driver before starting your ride.

Uber and Lyft For those who prefer to use these private ridesharing services, Uber and Lyft both serve Los Angeles International Airport.

SuperShuttle For more cost efficient shared ride service, you may want to consider using SuperShuttle. Check their website for more information and rates: www.supershuttle.com.

Hotel Parking If you are driving, the Loews Hollywood Hotel offers valet and self-parking. Valet Parking is $44 plus tax per vehicle, per day (includes in-and-out privileges). Self-Parking is $17 per vehicle, per day (does not include in-and-out privileges). For valet parking, please allow 20 minutes for the retrieval of your vehicle.

For more travel information on Hollywood, California, USA, please visit our website for many details: http://26thannual.org/26thannual/things-to-do-in-Hollywood-los-angeles/

GENERAL INFORMATION

WEATHER In October, the weather in Los Angeles is very pleasant with a temperature range of 79°F (26°C) high to 60°F (16°C) low. There is generally very little rain during October.

MEETING ATTIRE The attire for the educational sessions is business. Attire at the Red Carpet Gala is black tie (evening gowns and suits/tuxedos) or dress.

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, Saturday and Sunday. The Friday workshops slated 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 1-630-262-5393 or info@ishrs.org as soon as possible, and preferably before September 15, 2018.

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 28, 2018. After September 28, 2017, 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.

BADGE SWAPPING VIOLATION POLICY Badges are issued to individuals for that individual's use -- and only that individual's use. Replacement badges using another name or badge swapping is prohibited. Unauthorized use of Congress badges shall be subject to a $2,000 fine per violation and punitive action by the Board of Governors, up to and including Congress ejection or possible forfeiture of ISHRS membership.

BADGE REPRINT POLICY A penalty fee of USD $25 will be charged for the first reprint of lost or misplaced badges. A second reprint will incur a penalty fee of USD $100. Badges will not be printed a third time.

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 Tickets are required for the following events. For those in which you registered, the tickets will be included in your registration packet.

- Wednesday Basics Course
- Wednesday Advanced/Board Review Course
- Wednesday Trichoscopy Course
- Wednesday Mini Courses
- Wednesday Surgical Assistants Core Skills Workshop

- Wednesday Surgical Assistants Program
- Thursday Newcomers Orientation & Speed Networking
- Friday Workshops
- Friday M&M Conference
- Saturday Red Carpet Gala & Awards Ceremony
- Simultaneous Interpretation Headset

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 or the patient’s friends, family, or coworkers is inappropriate and will violate our ethical commitment to “do no harm.” Physicians 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. Inappropriate postings on the message boards will be removed and discarded.

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.

CONGRESS HOTEL & MEETING LOCATION

LOEWS HOLLYWOOD HOTEL
1755 N. Highland Ave • Hollywood, CA 90028 USA
Phone: 1-323-856-1200
Hotel Reservations: 1-855-563-9749
Details about accommodations, room rates, and hotel reservations can be found at:
http://26thannual.org/26thannual/hotel-travel-2/
Group rates available through September 13, 2018, or while room availability lasts.
Check-in time is 4:00PM and check-out time is 11:00AM.
<table>
<thead>
<tr>
<th>Time</th>
<th>Event</th>
<th>Location</th>
</tr>
</thead>
<tbody>
<tr>
<td>3:00pm-7:00pm</td>
<td>Registration</td>
<td>Mezzanine Registration</td>
</tr>
<tr>
<td>3:00pm-8:00pm</td>
<td>Speaker Ready Room</td>
<td>Solano Mezzanine Level</td>
</tr>
<tr>
<td>7:00am-6:00pm</td>
<td>Registration</td>
<td>Mezzanine Registration</td>
</tr>
<tr>
<td>7:30am-11:00am</td>
<td>403: Trichoscopy Course</td>
<td>Salon 5 3rd Level</td>
</tr>
<tr>
<td>8:00am-3:30pm</td>
<td>ISHRS Board of Governors Meeting (invitation only)</td>
<td>Vantage 5th Level</td>
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<tr>
<td>8:00am-5:30pm</td>
<td>401: Basics Course</td>
<td>Mt. Olympus 3rd Level</td>
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<tr>
<td>8:00am-5:30pm</td>
<td>402: Advanced/Board Review Course</td>
<td>Beachwood Mezzanine Level</td>
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<tr>
<td>8:00am-12:00pm</td>
<td>404: Surgical Assistant Core Skills Workshop</td>
<td>Franklin Hills 3rd Level</td>
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<tr>
<td>8:00am-12:00pm</td>
<td>406: Mini Course: Scalp Micropigmentation (SMP)</td>
<td>Elysian Park 3rd Level</td>
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<tr>
<td>8:00am-12:00pm</td>
<td>407: Mini Course: Decision-Making in Difficult Cases</td>
<td>Trousdale Estates 3rd Level</td>
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<tr>
<td>8:00am-12:00pm</td>
<td>408: Mini Course: Experiencing Manual and Motorized FUE Devices</td>
<td>Hancock Park 3rd Level</td>
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<tr>
<td>12:00pm-8:00pm</td>
<td>715: Newcomers Orientation &amp; Speed Networking</td>
<td>Hollywood Hills Suite 5th Level</td>
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<tr>
<td>12:00pm-8:00pm</td>
<td>Speaker Ready Room</td>
<td>Solano Mezzanine Level</td>
</tr>
<tr>
<td>1:30pm-5:30pm</td>
<td>409: Surgical Assistants Program</td>
<td>Salon 5 3rd Level</td>
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<tr>
<td>2:00pm-5:00pm</td>
<td>411: Mini Course: Scalp Micropigmentation (SMP)</td>
<td>Elysian Park 3rd Level</td>
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<tr>
<td>2:00pm-5:00pm</td>
<td>412: Mini Course: Decision-Making in FUE vs FUT vs Combination</td>
<td>Trousdale Estates 3rd Level</td>
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<tr>
<td>2:00pm-5:00pm</td>
<td>413: Mini Course: Trichoscopy</td>
<td>Hancock Park 3rd Level</td>
</tr>
<tr>
<td>5:00pm-5:30pm</td>
<td>Meeting of the General Session Moderators</td>
<td>Ray Dolby Ballroom Stage 5th Level</td>
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<tr>
<td>5:30pm-7:00pm</td>
<td>Global Council of Hair Restoration Surgery Meetings</td>
<td>(invitation only)</td>
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<tr>
<td>6:00pm-7:30pm</td>
<td>Ancillary Meeting: ABHRS Recertification Exam</td>
<td>Hollywood Hills Suite 5th Level</td>
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<tr>
<td>8:30am-6:30pm</td>
<td>GENERAL SESSION</td>
<td>Ray Dolby Ballroom 5th Level</td>
</tr>
<tr>
<td>10:00am-10:30am</td>
<td>Coffee Break &amp; Visit Exhibits</td>
<td>Hollywood Ballroom &amp; Prestons Mezzanine Level, The Annex 5th Level</td>
</tr>
<tr>
<td>12:00pm-1:45pm</td>
<td>Lunch Break</td>
<td>Ray Dolby Ballroom with tables in Salon 4 (poster room) &amp; The Annex 5th Level</td>
</tr>
<tr>
<td>12:15pm-1:55pm</td>
<td>ISHRS FUE Advancement Committee Meeting (invitation only)</td>
<td>Salon 6 5th Level</td>
</tr>
<tr>
<td>12:15pm-1:55pm</td>
<td>ISHRS Ad Hoc Committee on Regulatory Issues/ European Subcommittee-CE N Meeting</td>
<td>Salon 5 5th Level</td>
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<tr>
<td>3:45pm-4:30pm</td>
<td>Coffee Break &amp; Visit Exhibits</td>
<td>Hollywood Ballroom &amp; Prestons Mezzanine Level, The Annex 5th Level</td>
</tr>
<tr>
<td>3:30pm-4:30pm</td>
<td>ISHRS Surgical Assistants Committee Meeting (invitation only)</td>
<td>Echo Park 3rd Level</td>
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<tr>
<td>6:30pm-8:00pm</td>
<td>Welcome Reception</td>
<td>Hollywood Ballroom &amp; Prestons Mezzanine Level</td>
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<tr>
<td>7:30am-6:00pm</td>
<td>Speaker Ready Room</td>
<td>Solano Mezzanine Level</td>
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<tr>
<td>7:30am-6:30pm</td>
<td>Registration</td>
<td>Mezzanine Registration</td>
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<tr>
<td>7:30am-5:00pm</td>
<td>Black Market Awareness Campaign Recordings</td>
<td>The Annex 5th Level</td>
</tr>
<tr>
<td>7:30am-8:30am</td>
<td>Continental Breakfast</td>
<td>Hollywood Ballroom &amp; Prestons Mezzanine Level, The Annex 5th Level</td>
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<tr>
<td>7:30am-8:30am</td>
<td>Continental Breakfast</td>
<td>Hollywood Ballroom &amp; Prestons Mezzanine Level, The Annex 5th Level</td>
</tr>
<tr>
<td>8:30am-9:15am</td>
<td>Coffee Available</td>
<td>Ray Dolby Ballroom 5th Level</td>
</tr>
<tr>
<td>8:30am-5:30pm</td>
<td>Posters &amp; Lounge Area/Tables</td>
<td>Salon 4 5th Level</td>
</tr>
<tr>
<td>9:00am-6:00pm</td>
<td>GENERAL SESSION</td>
<td>Ray Dolby Ballroom 5th Level</td>
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<tr>
<td>10:30am-6:30pm</td>
<td>Exhibits Viewing</td>
<td>Hollywood Ballroom &amp; Prestons Mezzanine Level, The Annex 5th Level</td>
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<tr>
<td>10:30am-11:00am</td>
<td>Coffee Break &amp; Visit Exhibits</td>
<td>Hollywood Ballroom &amp; Prestons Mezzanine Level, The Annex 5th Level</td>
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<tr>
<td>12:00pm-12:30pm</td>
<td>Lunch Box Distribution (Pick up box lunch and head to workshop)</td>
<td>General Session Area 3rd Level Workshop Area</td>
</tr>
<tr>
<td>12:30pm-2:00pm</td>
<td>WORKSHOP BANK 1</td>
<td>Ray Dolby Ballroom 5th Level</td>
</tr>
<tr>
<td>1:00pm-2:00pm</td>
<td>ISHRS General Membership Business Meeting &amp; Awards</td>
<td>Ray Dolby Ballroom 5th Level</td>
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<tr>
<td>1:30pm-2:00pm</td>
<td>Coffee &amp; Snacks Available</td>
<td>(not a formal break)</td>
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<tr>
<td>2:30pm-4:30pm</td>
<td>Exhibits Dismantle</td>
<td>Ray Dolby Ballroom 5th Level</td>
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<tr>
<td>3:15pm-4:30pm</td>
<td>ISHRS CME Committee Meeting (invitation only)</td>
<td>Vantage Room 5th Level</td>
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<tr>
<td>4:30pm-5:00pm</td>
<td>ISHRS Board of Governors Meeting (invitation only)</td>
<td>Vantage Room 5th Level</td>
</tr>
<tr>
<td>7:00pm-12:00am</td>
<td>Red Carpet Gala Dinner &amp; Awards Ceremony</td>
<td>Ray Dolby Ballroom 5th Level</td>
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<tr>
<td>8:00am-10:00am</td>
<td>Speaker Ready Room</td>
<td>Solano Mezzanine Level</td>
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<tr>
<td>8:00am-11:30am</td>
<td>Registration</td>
<td>Mezzanine Registration</td>
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<tr>
<td>8:00am-10:30pm</td>
<td>Coffee/Tea Available</td>
<td>Ray Dolby Ballroom 5th Level</td>
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<tr>
<td>8:30am-11:00am</td>
<td>GENERAL SESSION</td>
<td>Ray Dolby Ballroom 5th Level</td>
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<tr>
<td>11:00am</td>
<td>Scientific Meeting Adjournans</td>
<td>Ray Dolby Ballroom 5th Level</td>
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#ISHRSHollywood18
Wednesday, October 9, 2018

3:00 PM - 7:00 PM
Registration | Mezzanine Registration

3:00 PM - 8:00 PM
Speaker Ready Room | Solano, Mezzanine Level

Wednesday, October 10, 2018

6:30 AM - 6:00 PM
Speaker Ready Room | Solano, Mezzanine Level

7:00 AM - 6:00 PM
Registration | Mezzanine Registration

7:30 AM - 11:00 AM
403: Trichoscopy Course | Salon 5, 5th Level

8:00 AM - 3:30 PM
ISHRS Board of Governors Meeting (invitation only) | Vantage, 5th Level

8:00 AM - 5:30 PM
401: Basics Course | Mt. Olympus, 3rd Level

8:00 AM - 12:00 PM
404: Surgical Assistant Core Skills Workshop | Franklin Hills, 3rd Level

9:00 AM - 12:00 PM
406: Mini Course: Scalp Micropigmentation (SMP) | Elysian Park, 3rd Level

9:00 AM - 12:00 PM
407: Mini Course: Decision-Making in Difficult Cases | Trousdale Estates, 3rd Level

9:00 AM - 12:00 PM
408: Mini Course: Experiencing Manual and Motorized FUE Devices | Hancock Park, 3rd Level

12:00 PM - 8:00 PM
Poster Set-up | Hollywood Ballroom & Prestons, Mezzanine Level; The Annex, 5th Level

12:00 PM - 8:00 PM
Lounge Area | Salon 4, 5th Level

1:30 PM - 5:30 PM
409: Surgical Assistants Program | Salon 5, 5th Level

2:00 PM - 5:00 PM
411: Mini Course: Scalp Micropigmentation (SMP) | Elysian Park, 3rd Level

2:00 PM - 5:00 PM
412: Mini Course: Decision-Making in FUE vs FUT vs Combination | Trousdale Estates, 3rd Level

2:00 PM - 5:00 PM
413: Mini Course: Trichoscopy | Hancock Park, 3rd Level

5:00 PM - 5:30 PM
Meeting of the General Session Moderators | Ray Dolby Ballroom Stage, 5th Level

5:30 PM - 7:00 PM
Global Council of Hair Restoration Surgery Societies Meeting (invitation only) | Salon 6, 5th Level

6:00 PM - 7:30 PM
Ancillary Meeting: ABHRS Recertification Exam | Hollywood Hills Suite, 19th Floor
ISHRS MEETING
NEWCOMERS PROGRAM

We welcome all newcomers!

This program is designed to help our newest ISHRS meeting attendees become acquainted with the Society, its members, and the field. Newcomers are paired with 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 communicate prior to the meeting via phone or email, to attend the Newcomers Orientation & Speed Networking session, to sit together at the Thursday opening session, and for the host to make the newcomer feel welcome by introducing him/her to other ISHRS members.

FEE: No extra fee required. Pre-registration is required to participate in this program.

GUIDELINES
1. Host should contact the Newcomer prior to the meeting and answer questions.
2. Host and Newcomer must attend Newcomers Orientation & Speed Networking session.
3. Host and Newcomer check-in with one another; sit together during opening session.
4. Host and Newcomer communicate with each other throughout a 2-year term via email, phone or face-to-face. Newcomers are encouraged to email and call their host with questions or for advice regarding hair restoration surgery matters.
5. Neither the Host nor the Newcomer may claim that they “trained” as a result of this Host-Newcomer relationship. Neither may advertise this relationship in their promotional materials, website, or curriculum vitae.

NEWCOMERS ORIENTATION & SPEED NETWORKING SESSION

The Newcomers Orientation & Speed Networking Session will provide an overview about the ISHRS and offer suggestions & tips about how to get the most out of the meeting. A speed networking session will take place so newcomers may meet several long-standing ISHRS members. It is a wonderful opportunity to meet new people, ask questions, and become more familiar with what the ISHRS has to offer.

FEE: No extra fee required. Pre-registration is mandatory.

The Annex 5TH LEVEL (sectioned off back room within The Annex)

DATE: Thursday, October 11, 2018
TIME: 7:15am-8:15am

CONTINENTAL BREAKFAST FROM 6:45AM

FEE: No extra fee required. A ticket is required to enter.

What is speed networking? Speed networking is an efficient, face-to-face professional networking model similar to “speed dating”, that enables participants to make new contacts through one-on-one focused conversations lasting around 5 minutes each. We are using speed networking to help you forge new connections among your ISHRS peers. How does speed networking work? It’s organized chaos – loud, energizing, and fun! Participants are split into two groups (Hosts and Newcomers) and are seated at tables in pairs facing each other. The person sitting across from you is your first partner. You spend no more than 5 minutes with each partner (2 minutes for each person to speak plus 1 minute for questions) before the bell/horn/whistle indicates that time is up and the Hosts are told to move one seat over to face the next person. The goal is to accomplish 5-6 rotations. Just like speed dating, but without the anxiety. The program gives newcomers the opportunity to meet ISHRS members and network with other colleagues.

Join us after the first exhilarating 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 and reviewing their products and services in a relaxed atmosphere. Cocktails and light hors d’oeuvres will be served. This event is open to all meeting attendees, their guests, and exhibitors.

WELCOME RECEPTION
THURSDAY
OCTOBER 11, 2018

7:00AM-6:00PM  Speaker Ready Room | Solano, Mezzanine Level
7:00AM-6:30PM  Registration | Mezzanine Registration
7:00AM-7:30AM  Coffee Only | Hollywood Ballroom & Prestons, Mezzanine Level; and The Annex, 5th Level
7:00AM-8:00PM  Exhibits Viewing | Hollywood Ballroom & Prestons, Mezzanine Level
7:00AM-6:30PM  Exhibits Viewing | The Annex, 5th Level
7:30AM-8:30AM  Continental Breakfast | Hollywood Ballroom & Prestons, Mezzanine Level; and The Annex, 5th Level
7:00AM-6:30PM  Exhibits Viewing | The Annex, 5th Level
7:30AM-8:00PM  Posters & Lounge Area/Tables | Salon 4, 5th Level
7:30AM-5:00PM  Black Market Awareness Campaign Recordings | The Annex, 5th Level
7:15AM-8:15AM  Newcomers Orientation & Speed Networking | The Annex, 5th Level [continental breakfast from 6:45AM]
8:30AM-6:30PM  GENERAL SESSION | Ray Dolby Ballroom, 5th Level

SESSION 1
8:30AM-10:00AM  General Session: Opening Session

Learning Objectives
- Review state-of-the-art in the field of hair restoration surgery.

8:30AM-8:45AM  15  Welcome & Moderator Introduction
001  Parsa Mohebi, MD, Program Chair | USA
8:45AM-9:00AM  15  President’s Message
002  Sungjoo Hwang, MD, PhD, President | South Korea
9:00AM-9:20AM  20  The Hair Transplant Entrepreneur
003  William R. Rassman, MD | USA
9:20AM-9:45AM  25  Panel Discussion: What is Next in Hair Restoration Surgery?
004  James A. Harris, MD, FISHRS | USA
005  Robert H. True, MD, MPH, FISHRS | USA
006  Bradley R. Wolf, MD, FISHRS | USA
9:45AM-10:00AM  15  Navigating the Conference App & Housekeeping Notes
007  Victoria Ceh, MPA, ISHRS Executive Director | USA

10:00AM-10:30AM  Coffee Break & Visit Exhibits | Hollywood Ballroom & Prestons, Mezzanine Level; and The Annex, 5th Level
SESSION 2
10:30AM-12:00PM

General Session: Hair Follicle Physiology and Growth Factors: New Discoveries and Better Understanding

Learning Objectives
• Review the latest developments in the molecular biology of the skin and hair follicle and the related pathways and discuss their relevance to clinical practice.

10:30AM-10:32AM 2 Moderator Introduction and Significance of Norwood Lecture
008 Nilofer P. Farjo, MBChB, FISHRS | UK

10:32AM-10:52AM 20 NORWOOD LECTURE
Understanding the Importance of Lipid Pathways for the Existence, Health, and Development of the Hair Follicle
FEATURED GUEST SPEAKER
009 Apostolos Pappas, PhD | Switzerland

10:52AM-11:00AM 8 Questions & Answers

11:00AM-11:08AM 8 The New Anatomical Relationship Between Eccrine Glands and Follicular Units Permits an Efficient Eccrine Gland Isolation from Human Scalp
010 Francisco Jimenez, MD, FISHRS | Spain

11:08AM-11:15AM 7 The Influence of Gender, Age and Pattern Alopecia on the Diameter of the Occipital Donor Area Hair
011 Sungin Cho, MD, PhD | South Korea

012 Francisco Jimenez, MD, FISHRS | Spain

11:21AM-11:26AM 5 Hair Transplant for Treatment of Psoriasis
013 Parsa Mohebi, MD, FISHRS | USA

11:27AM-11:37AM 10 ISHRS PRP Committee - What Has Been Learned
014 Carlos J. Puig, DO, FISHRS | USA

11:37AM-11:44AM 7 Controversy for PRP Use
015 Christine Graf Guimaraes, MD | Brazil

11:45AM-12:00PM 15 Questions & Answers

12:00PM-1:45PM Lunch Break | Hot lunch buffet open from 12:00PM-1:00PM. Two locations: Ray Dolby Ballroom with overflow tables in Salon 4 (poster room) and The Annex, 5th Level

12:15PM-1:55PM ISHRS FUE Advancement Committee Meeting (invitation only) | Salon 6, 5th Level

12:15PM-1:55PM ISHRS Ad Hoc Committee on Regulatory Issues/ European Subcommittee-CEN Meeting – Salon 5, 5th Level

This meeting is to discuss in which European CEN standard Hair Transplantation should be included. European ISHRS members are invited to contribute their opinion and all are welcome to attend as observers.
SESSION 3
2:00PM-3:45PM

General Session: Graft Survival and Graft Preparation

Learning Objectives
- Review novel aspects and innovations in FUE hair restoration and comparison of techniques.
- Explain the latest research and studies regarding graft survival.

2:00PM-2:07PM 7 Moderator Introduction and Updates from the ISHRS FUE Advancement Committee
016 James A. Harris, MD, FISHRS | USA

2:07PM-2:22PM 15 FUE Graft Harvesting Techniques
017 Conradin von Albertini, MD, FISHRS | Switzerland

2:22PM-2:27PM 5 How Dangerous is the Transection
018 Akaki Tsiolosani, MD, PhD | Georgia

2:28PM-2:35PM 7 Follicular Transection Rates in Revision Hair Transplantation
019 Kapil Dua, MBBS, MS, FISHRS | India

2:35PM-2:43PM 8 How to Reduce the Rate of Transection and Burials Grafts in the FUE Method
020 Gholamali Abbasi, MD, FISHRS | Iran

2:43PM-2:50PM 7 FUE vs. FUT Grafts: A Side-by-Side Study of 3 Patients Undergoing a Routine 2000+ Graft Hair Transplant
021 David S. Josephitis, DO, FISHRS | USA

2:51PM-2:58PM 7 Oxidative Stress Response and Proliferative Capacity in Hair Follicles During FUT and FUE
022 Katharina Gabriela Muschitz, MD, PhD | Austria

2:58PM-3:05PM 7 A Comparison of Apoptotic Activity for FUE Grafts Stored in Different Holding Solution
023 Paul T. Rose, MD, JD, FISHRS | USA

3:06PM-3:13PM 7 Measures to Increase Graft Survival, Hair Density and Hair Quality
024 Seema Garg, MBBS, MSc | India

3:13PM-3:20PM 7 Treating Primary and Secondary Scarring Alopecias with Adipose Tissue prior to Hair Transplantation – a 5 Year Experience
025 Gorana Kuka Epstein, MD, PhD Candidate | Serbia

3:20PM-3:45PM 25 Questions & Answers

3:45PM-4:30PM Coffee Break & Visit Exhibits | Hollywood Ballroom & Prestons, Mezzanine Level; and The Annex, 5th Level

3:30PM-4:30PM ISHRS Surgical Assistants Committee Meeting (invitation only) | Echo Park, 3rd Level
## SESSION 4
4:30PM-5:33PM **General Session: Diagnostic Methods**

**Learning Objectives**
- Improve your diagnostic approach to hair loss.

<table>
<thead>
<tr>
<th>Time</th>
<th>Session</th>
<th>Topic</th>
</tr>
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</table>
| 4:30PM-4:32PM | 2          | *Moderator Introduction*  
026 Nicole E. Rogers, MD, FISHRS | USA |
| 4:32PM-4:47PM | 15         | *Trichoscopy: Why, When, and How*  
027 Antonella Tosti, MD | USA |
| 4:48PM-5:00PM | 12         | *How to Use Dermoscope in Hair Transplant Surgeons Practice*  
028 Ratchathorn Panchaprateep, MD, PhD, FISHRS | Thailand |
| 5:00PM-5:07PM | 7          | *New Method of Imaging Analysis in Order to Measure the Efficacy of Hair Regrowth Treatments*  
029 Leila David Bloch, MD | Brazil |
| 5:08PM-5:23PM | 15         | *Pattern Hair Loss or Not? That is the Question: Identifying Alopecia Areata and Other Non-Scarring Alopecias*  
030 Carolyn Goh, MD | USA |
| 5:23PM-5:33PM | 10         | *Questions & Answers*  
Panelist:  
031 Gholamali Abbasi, MD, FISHRS | Iran |

## SESSION 5
5:40PM-6:30PM **General Session: Body Hair, Eyelash, and Eyebrow**

**Learning Objectives**
- Describe techniques and novel concepts for non-scalp hair transplants.

<table>
<thead>
<tr>
<th>Time</th>
<th>Session</th>
<th>Topic</th>
</tr>
</thead>
</table>
| 5:40PM-5:42PM | 2          | *Moderator Introduction*  
032 Jeffrey S. Epstein, MD | USA |
| 5:42PM-5:52PM | 10         | *Body-to-Scalp Hair Transplant*  
033 Sanusi Umar, MD, FISHRS | USA |
| 5:52PM-5:57PM | 5          | *Beard and Body as an Important Donor Source*  
034 Akhilendra Singh, MD | India |
| 5:58PM-6:04PM | 6          | *Video: Eyelash Transplant*  
035 Jufang Zhang, MD | China |
| 6:04PM-6:09PM | 5          | *Eyelash Transplant Surgery in Asian Population*  
036 TsaiChing Chou, MD | Taiwan |
| 6:10PM-6:17PM | 7          | *Eyebrow Reconstruction. [4 Patients - 4 Lessons Learned]*  
037 Sebastian Yriart, MD | Argentina |
| 6:17PM-6:30PM | 13         | *Questions & Answers* |

6:30PM-8:00PM **Welcome Reception**  | Hollywood Ballroom & Prestons, Mezzanine Level
7:30AM-6:00PM Speaker Ready Room | Solano, Mezzanine Level
7:30AM-6:30PM Registration | Mezzanine Registration
7:30AM-5:00PM Black Market Awareness Campaign Recordings | The Annex, 5th Level
7:30AM-8:30AM Continental Breakfast | Hollywood Ballroom & Prestons, Mezzanine Level; and The Annex, 5th Level
7:30AM-8:30AM Discussion Table Topics with Continental Breakfast | Ray Dolby Ballroom, 5th Level
8:30AM-9:15AM Coffee Available | Ray Dolby Ballroom, 5th Level
8:30AM-5:30PM Posters & Lounge Area/Tables | Salon 4, 5th Level
9:00AM-6:00PM GENERAL SESSION | Ray Dolby Ballroom, 5th Level

SESSION 6
9:00AM-10:30AM General Session: Hairline & Implanters

Learning Objectives
- Evaluate techniques and novel methods in design, implantation and hair coverage.

9:00AM-9:02AM 2 Moderator Introduction: Hairline & Implanters
038 Robert M. Bernstein, MD, FISHRS | USA

9:03AM-9:15AM 12 Hairline and Crown
039 Paul J. McAndrews, MD, FISHRS | USA

9:15AM-9:25AM 10 Good Coverage with Minimum Grafts
040 Arika Bansal, MD | India

9:25AM-9:30AM 5 The New Concept of Hair Line Design
041 Patrick Mwamba, MD | Belgium

9:31AM-9:38AM 7 Designing of Anterior Hairline in Male Pattern Baldness by Decoding Facial Aesthetics and use of Forehead Curvature
042 Anil Kumar Garg, MBBS, MS, MCh, FISHRS | India

9:38AM-9:45AM 7 Dilator, the Poor Man Implanter for Placing Graft
043 Damkerng Pathomvanich, MD | Thailand

9:46AM-9:53AM 7 Video: Modification in Implanter, Slit Making Instrument and Extraction Forceps
044 Harshit Dhirajlal Ranpara, MD, DVD | India

9:53AM-10:00AM 7 Reusable Multi Grafts FUE or FUT Implanter
045 Jean M. Devroye, MD, FISHRS | Belgium

10:01AM-10:08AM 7 Video: Wide Channel or Narrow Channel? Modification of Operative Indication and Surgical Technique According to Channel Width of Implanter
046 Jae Hyun Park, MD, PhD | Korea

10:08AM-10:15AM 7 Robotic Follicular Unit Implantation
047 Robert M. Bernstein, MD, FISHRS | USA

10:15AM-10:30AM 15 Questions & Answers

10:30AM-11:00AM Coffee Break & Visit Exhibits | Hollywood Ballroom & Prestons, Mezzanine Level; and The Annex, 5th Level
10:30AM-6:30PM Exhibits Viewing | Hollywood Ballroom & Prestons, Mezzanine Level; The Annex, 5th Level
**DISCUSSION TABLE TOPICS**

**WITH CONTINENTAL BREAKFAST**

Ray Dolby Ballroom  
**General Session 5TH LEVEL**

**DATE**  Friday | October 12, 2018  
**TIME**  7:30am - 8:30am  
**FEE**  No extra fee required.  
**LEVEL**  ALL LEVELS, ALL CATEGORIES

Open to all attendees on a first-come, first-served basis.  
This is an informal session for small groups to discuss a specific topic as noted on the list. The round tables will be labeled with a topic and table leaders’ names. You may sit at 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.

<table>
<thead>
<tr>
<th>Topic</th>
<th>Speaker(s)</th>
</tr>
</thead>
</table>
| 09 Beard to Scalp and Scalp to Beard                                | David S. Josephitis, DO, FISHRS | USA  
Bradley R. Wolf, MD, FISHRS | USA |
| 10 Body Hair Transplant                                              | Akti Tsiolosani, MD, PhD | Georgia  
Chiara Insalaco, MD, PhD | Italy |
| 11 Eyelash Hair Transplant                                           | Jufang Zhang, MD | China  
Gholamali Abbasi, MD, FISHRS | Iran |
| 12 Eyebrow Hair Transplant                                           | Sara M. Wasserbauer, MD, FISHRS | USA  
Marc S. Dauer, MD | USA |
| 13 Implanters                                                        | Mauro Speranzini, MD | Brazil  
Paras Mohebi, MD, FISHRS | USA |
| 14 Hairline Design                                                   | Anil Kumar Garg, MBBS, MS, MCh, FISHRS | India  
Robert S. Haber, MD, FISHRS | USA |
| 15 SMP                                                               | William R. Rassman, MD | USA |
| 16 Medical Therapy for Female Hair Loss                              | Miguel G. Canales, MD | USA  
Carlos J. Puig, DO, FISHRS | USA |
| 17 New Medications for MPHL                                           | Ken J. Washenik, MD, PhD, FISHRS | USA  
Nilofar P. Farjo, MBCB, FISHRS | UK |
| 18 Regenerative Medicine in Hair Restoration-PRP Protocols and Novel Stem Cell Therapies in Hair Loss | Jerry E. Cooley, MD, FISHRS | USA  
Ken L. Williams, Jr., DO, FISHRS | USA |
| 19 The Role of Scalp Lipids and Adipose Tissue in Optimal Hair Follicle Function | Apostolos Pappas, PhD | Switzerland  
Alan J. Bauman, MD, FISHRS | USA |
| 20 Marketing                                                          | Robert T. Leonard, Jr., DO, FISHRS | USA |
| 21 Technician Training                                               | Aileen R. Ulrich | USA  
Sara Roberts, RN | UK |
| 22 Quality Control in the OR                                         | Emina Vance | USA  
Jennifer Martinick, MBBS | Australia |
| 23 Smooth Flow in the Operating Room                                  | Tina Larder | USA  
Rizza Averon | USA |
| 24 Mandarin-Speaking Table: Pearls in Hair Transplant for Asians      | Wen-Yi (Danny) Wu, MD, FISHRS | Taiwan  
Wei Wu, MD | China |
| 25 African and Curly Hair                                             | Patrick Mwamba, MD | Belgium |
| 26 Non-AGA Diagnosis and Treatment                                    | Paul J. McAndrews, MD, FISHRS | USA  
Carolyn Goh, MD | USA |
| 27 Female Hair Restoration                                            | Nicole E. Rogers, MD, FISHRS | USA  
Sara L. Salas, MD | Mexico |
| 28 Hairline Advancement                                               | Jeffrey S. Epstein, MD | USA  
Samuel M. Lam, MD, FISHRS | USA |
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.

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

• 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.
SESSION 7

11:00AM-12:00PM

General Session: FUE Instrumentation & Surgical Techniques

Learning Objectives

- Describe various techniques and instruments that can be used for follicle unit excision including their advantages and disadvantages.

11:00AM-11:02AM 2 Moderator Introduction
048 Mario Marzola, MBBS | Australia

11:02AM-11:14AM 12 How to Present for Medical Professionals
049 Marsheila DeVan, MBA | USA

11:14AM-11:23AM 9 Video: Flat Punch and Multiphasic Devices
050 Arthur Tykocinski, MD, FISHRS | Brazil

11:23AM-11:32AM 9 Video: Edge Out Punch Dynamics
051 Luis R. Trivellini, MD | Paraguay

11:33AM-11:39AM 6 Battle of the Punches
052 Mohammad Humayun Mohmand, MBBS, FISHRS | Pakistan

11:39AM-11:48AM 9 Multiphasic FUE System
053 Sebastian Yriart, MD | Argentina

11:49AM-11:55AM 6 Video: Modified Non Shaven FUE Extraction
054 Kapil Dua, MBBS, MS, FISHRS | India

11:55AM-12:00PM 5 Questions & Answers

12:00PM-12:30PM

Lunch Box Distribution 2 stations: General Session Area & 3rd Level Workshop Area. Box lunches must be picked-up by 12:45PM. Pick up box lunch and head to workshop.

12:30PM-2:00PM

WORKSHOPS

No extra fee, but you must register to obtain a ticket for early entry. There are limited tickets for many of the workshops. It is first-come, first-served based on meeting registration, so register early! A ticket is required for entry up until 5 minutes before the workshop begins, at which time the room will open and those attendees waiting for access without a ticket may enter, if seats are available. See later pages in this Guide for descriptions of workshops.

WORKSHOPS BANK 1

101: Non-surgical Adjunctive Treatments: PBM, Minoxidil, Finasteride, Microneedling, Nutraceuticals
| Mt. Olympus, 3rd Level | ALL CATEGORIES

102: Train the Trainer – Tips on Giving Excellent Medical Presentations
| Silver Lake, 3rd Level | ALL CATEGORIES

103: Avoiding Poor Techniques, Poor Planning, Poor Growth and Bad Results
| Salon 6, 5th Level | PHYSICIAN ONLY

104: Transgender Patients
| Salon 5, 5th Level | PHYSICIAN ONLY

105: PRP for Hair Restoration
| Ray Dolby Ballroom, 5th Level | ALL CATEGORIES

2:00PM-2:45PM

Coffee Break & Visit Exhibits | Hollywood Ballroom & Prestons, Mezzanine Level; and The Annex, 5th Level
WORKSHOP BANK 2

111: Donor Area Limits in FUE: Taking It Too Far
| Salon 6, 5th Level | PHYSICIAN ONLY

112: Train the Trainer – Tips on Giving Excellent Medical Presentations
| Silver Lake, 3rd Level | ALL CATEGORIES

113: Implanters
| Mt. Olympus, 3rd Level | PHYSICIAN ONLY

114: Social Media, Reviews, Photos, Consents, Filming Surgery
| Salon 5, 5th Level | ALL CATEGORIES

115: Hair Care Products and the Science Behind Them
| Ray Dolby Ballroom, 5th Level | ALL CATEGORIES

SESSION 8

4:45PM-6:00PM

General Session: Difficult & Challenging Cases

Learning Objectives
- Review the management of common and uncommon complications as well as the rare and difficult cases that require special care.

4:45PM-4:47PM

2 Moderator Introduction
055 Damkerng Pathomvanich, MD, FISHRS | Thailand

4:47PM-4:57PM

10 Complications and Difficult Cases
056 Marco Barusco, MD, FISHRS | USA

4:58PM-5:05PM

7 Common Medical Problems During a Hair Transplant and What a Hair Transplant Surgeon Can Do
057 Kuniyoshi Yagyu, MD, FISHRS | Japan

5:05PM-5:12PM

7 Challenging Cases in Hair Restoration: Revision Cases, High Grade (NW V/VI/VII) of Baldness, Cicatricial Alopecia
058 Akhilendra Singh, MD | India

5:13PM-5:20PM

7 Scalp Expansion Combined with Hair Transplantation in the Treatment of Large Area Cicatricial Alopecia
059 Xingdong Li, MD | China

5:20PM-5:27PM

7 FUE Surgery as First Option for Scalp and Face Burns, Skin Plasty Scars and Eyebrow Reconstructions
060 Felix Mircea Popescu, MD | Romania

5:28PM-5:33PM

5 Required FUE Beard Transplant Repair Because a Doctor Delegates His Work to a Technician
061 Jean M. Devroye, MD, FISHRS | Belgium

5:33PM-5:38PM

5 A Very Rare Case of Hair Transplantation Complication
062 TsaiChing Chou, MD | Taiwan

5:40PM-6:00PM

20 Questions & Answers

6:00PM-8:30PM

121: ISHRS & ABHRS M&M Conference | Salon 5, 5th Level
**LIVE PATIENT VIEWING**

**Salon 5 & 6 5TH LEVEL**

**DATE** Saturday I October 13, 2018

**TIME** 11:30AM-12:45PM

**FEE** No extra charge.

**LEVEL** All levels. All categories.

**Chair:** Marc Dauer, MD, FISHRS | USA

The Live Patient Viewing is one of the most important sessions of the ISHRS World Congresses. It is an opportunity for attendees to see live results of hair restoration surgical procedures from a variety of surgeons. In the past, cases have included repair, eyebrow, body hair transplantation, HT in unusual indications, and also results from regular FUT and FUE cases. The format includes the operating surgeon standing next to their patient. The attendees rotate through the room as they like, and can view up-close the results of the patient and ask questions to the surgeon. A poster is prepared for each patient that includes before photos and brief information about the case and techniques used.

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. Attendees are asked to be mindful of their comments during this session. 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.”

**LEARNING OBJECTIVES**

- Assess the results of real live patients from a variety of cases that utilized different approaches and techniques.

**Doctors Presenting Patients & Cases**

- **David Josephitis, DO, FISHRS | USA**
  - Patient 1: 61 year old male, large session for a study comparing recipient and donor for FUE vs. FUT, 4500 grafts, FUE-half and FUT half.
  - Patient 2: 30 year old female, 540 grafts, Non-shaven FUE and SMP combo.

- **Xingdong Li, MBBS | China**
  - 2 Patients

- **Parsa Mohebi, MD, FISHRS | USA**
  - Patient 1: 30-year-old male patient with class III hair loss. FUE hair transplant with 2001 only to reinforce hairline and front.
  - Patient 2: 39-year-old female patient with significant scarring in frontal areas of scalp as complications of previous cosmetic procedures with skin necrosis. FUT hair transplant in 4 different phases.

- **Marwan Saifi, MD, FISHRS | Poland**
  - Patient: 15 year old female, FUT technique with a total of 1,910 follicular-unit grafts transplanted skin graft secondary to burns.

- **Anastasios Vekris, MD | Greece**
  - Patient: 38 year old male, Norwood II/IV scale male pattern baldness. One half was harvest with round sharp motorized punches and the other with two serrated motorized punches. The total number of extracted grafts was 1850 (or 4080 hairs). A PRP session took place and placement took place without incisions, with sharp-needle implanters of 1.0 mm caliber. The case is being presented 10 months post-operatively.

- **Georgios Zontos, MD, MSc, PhD, FISHRS | Denmark**
  - Patient: 57 year old male, suffers from androgenetic alopecia and hair loss affected the whole scalp except the donor area. FUE procedure with .9mm motorized sharp punch and 3049 grafts (or 10649 hairs) were planted.

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**RED CARPET**

**DINNER/DANCE & AWARDS CEREMONY**

**HOLLYWOOD**

**DATE** Saturday I October 13, 2018

**TIME** 7:00pm-12:00 AM

**ATTIRE** is black tie (evening gowns and suits/tuxedos) or dress like your favorite Hollywood actor. If you prefer, as a tradition of the ISHRS, you may wear a costume reflective of your native country for the Gala Dinner.

**FEE** $115 per person

2 tickets included with Trustee Circle and Leadership Circle AGF donation levels. Your Gala ticket will be collected when entering the ballroom.

**TICKETS** are required for entry and must be purchased in advance (see registration form). Tickets are not included in the main meeting registration fee. Tickets to the Gala are non-refundable due to the guaranteed reservation that the ISHRS must make on behalf of the attendee.
7:00AM-3:00PM  Speaker Ready Room | Solano, Mezzanine Level
7:00AM-4:30PM  Registration | Mezzanine Registration
7:00AM-8:00AM  Continental Breakfast | Hollywood Ballroom & Prestons, Mezzanine Level and The Annex, 5th Level
7:00AM-1:30PM  Posters & Lounge Area/Tables | Salon 4, 5th Level
7:00AM-2:30PM  Exhibits Viewing | Hollywood Ballroom & Prestons, Mezzanine Level; The Annex, 5th Level
8:00AM-3:00PM  GENERAL SESSION | Ray Dolby Ballroom, 5th Level

SESSION 9
8:00AM-8:50AM  General Session: Chemotherapy Induced Alopecia & Female Pattern Hair Loss

Learning Objectives
• Assess treatment options for female pattern hair loss and hair loss due to chemotherapy and endocrine therapy.

8:00AM-8:02AM 2 Moderator Introduction
063 Wen-Yi Wu, MD, FISHRS | Taiwan

8:02AM-8:22AM 20 Chemotherapy Induced Alopecia (CIA) and Endocrine Therapy Induced Alopecia (EIA)
FEATURED GUEST SPEAKER
064 Mario Lacouture, MD | USA

8:23AM-8:29AM 7 Female Pattern Hair Loss (FPHL): Efficacy Comparison Among Various Treatment Options, A Retrospective Analytic Study
065 Ratchathorn Panchaprateep, MD, PhD, FISHRS | Thailand

8:29AM-8:36AM 7 Combining Non-surgical Therapies with Hair Restoration for the Treatment of Female Pattern Hair Loss
066 Shadi Zari, MD | Saudi Arabia

8:36AM-8:50AM 14 Questions & Answers

SESSION 10
8:55AM-9:40AM  General Session: Medical Treatments for Androgenetic Alopecia

Learning Objectives
• Discuss medications in clinical trials for androgenic alopecia.
• Review the latest studies on the efficacy of finasteride and minoxidil in androgenetic alopecia.

8:55AM-9:07AM 12 Moderator Introduction & Emerging Treatments for AGA
067 Ken Washenik, MD, PhD, FISHRS | USA

9:07AM-9:12AM 5 Topical Finasteride
068 Edwin S. Epstein, MD, FISHRS | USA

9:13AM-9:20AM 7 In Vitro Test of the Efficacy of Minoxidil Treatment in Hair Transplantation Patients in Correlation to Clinical Response
069 Anastasios Vekris, MD | Greece

9:20AM-9:40AM 20 Questions & Answers

9:40AM-10:00AM  Coffee Break & Visit Exhibits | Hollywood Ballroom & Prestons, Mezzanine Level; and The Annex, 5th Level
<table>
<thead>
<tr>
<th>Time</th>
<th>Event</th>
<th>Details</th>
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| 10:00AM-10:22AM | General Session: Pulling Hair and Donor Area | Learning Objectives  
- Review donor management and novel ideas to optimize the follicular hair reserve.  
  10:00AM-10:02AM 2 Moderator Introduction  
  Paul J. McAndrews, MD, FISHRS | USA  
  10:02AM-10:22AM 20 ADVANCES IN HAIR BIOLOGY LECTURE  
  Pulling Hair and Hair Restoration  
  FEATURED GUEST SPEAKER  
  Cheng-Ming Chuong, MD, PhD | USA  
  10:22AM-10:25AM 3 Questions & Answers  
  10:25AM-10:40AM 15 Donor Management  
  Robert S. Haber, MD, FISHRS | USA  
  10:40AM-10:47AM 7 Techniques of Donor Estimations  
  Jean M. Devroye, MD, FISHRS | Belgium  
  10:48AM-10:55AM 7 A Stitch in Time Saves Nine  
  Konstantinos Anastassakis, MD, PhD | Greece  
  10:55AM-11:02AM 7 Ratio of FU without Hair Regrowth: A Guide to Avoidance of FUE Overharvesting  
  Kuniyoshi Yagyu, MD, FISHRS | Japan  
  11:02AM-11:09AM 7 Interfollicular Distance Variation by Difference in Depth  
  Jae Hyun Park, MD, PhD | Korea  
  11:10AM-11:17AM 7 A Model for Follicular Unit Excision Patterns to Yield a Natural Distribution After Maximal Density Removal  
  James A. Harris, MD, FISHRS | USA  
  11:17AM-11:30AM 13 Questions & Answers  
  11:30AM-12:45PM Live Patient Viewing  | Salon 5 & 6, 5th Level  
  11:30AM-12:45PM Live Patient Viewing  | Salon 5 & 6, 5th Level  
  11:30AM-2:30PM Last Chance to Visit Exhibits  
  12:00PM-1:30PM Poster Owners Dismantle Posters | Salon 4, 5th Level  
  1:00PM-2:00PM ISHRS General Membership Business Meeting & Awards | Ray Dolby Ballroom, 5th Level  
  1:30PM-2:30PM Coffee & Snacks Available | Hollywood Ballroom & Prestons, Mezzanine Level; and The Annex, 5th Level  |

11:30AM-12:30PM Lunch | Hot lunch buffet open from 11:30AM-12:30PM. Two locations: Ray Dolby Ballroom with overflow tables in Salon 4 (poster room) and The Annex, 5th Level

11:30AM-12:45PM Live Patient Viewing

11:30AM-2:30PM Last Chance to Visit Exhibits

12:00PM-1:30PM Poster Owners Dismantle Posters

1:00PM-2:00PM ISHRS General Membership Business Meeting & Awards

1:30PM-2:30PM Coffee & Snacks Available (not a formal break)
SESSION 12
2:00PM-3:00PM

General Session: Organization & Quality Assurance

Learning Objectives

- Implement quality control measures and better techniques to improve the efficiency and overall quality of your hair restoration procedures.

2:00PM-2:02PM 2 Moderator Introduction
078 Glenn M. Charles, DO | USA

2:03PM-2:18PM 15 Organization in Hair Restoration
079 Marie A. Schambach, MD | Guatemala

2:18PM-2:26PM 8 Immediate Quantitative Graft Analysis During Hair Restoration Surgery
080 Steven P. Gabel, MD, FISHRS | USA

2:27PM-2:42PM 15 What Went Wrong: Critical Thinking For Quality Control
081 Emina Vance | USA

2:42PM-3:00PM 18 Questions & Answers

2:30PM-4:30PM
Exhibits Dismantle

3:15PM-4:30PM
ISHRS CME Committee Meeting (invitation only) | Vantage Room, 5th Level

4:30PM-5:00PM
ISHRS Board of Governors Meeting (invitation only) | Vantage Room, 5th Level

7:00PM-12:00AM
Red Carpet Gala Dinner & Awards Ceremony | Ray Dolby Ballroom, 5th Level
SESSION 13
8:30AM-8:57AM
General Session: Anesthesia
Learning Objectives
- Improve your patients’ comfort and avoid pain as much as possible during treatments.

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<thead>
<tr>
<th>Time</th>
<th>Moderator Introduction</th>
<th>Speaker</th>
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<tbody>
<tr>
<td>8:30AM-8:32AM</td>
<td>Ken L. Williams, Jr., DO, FISHRS</td>
<td>USA</td>
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<tr>
<td>8:32AM-8:39AM</td>
<td>Seema Garg, MBBS, MSc</td>
<td>India</td>
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<td>8:40AM-8:45AM</td>
<td>Romiro Yane Mana, MD</td>
<td>Spain</td>
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<td>8:45AM-8:50AM</td>
<td>Arika Bansal, MD</td>
<td>India</td>
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SESSION 14
9:00AM-9:45AM
General Session: Selection of Interesting Topics
Learning Objectives
- Describe different surgeons’ novel approaches in hair restoration.

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<th>Time</th>
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<th>Speaker</th>
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<tr>
<td>9:00AM-9:02AM</td>
<td>Kapil Dua, MBBS, MS, FISHRS</td>
<td>India</td>
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<td>9:02AM-9:10AM</td>
<td>Jeffrey S. Epstein, MD</td>
<td>USA</td>
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<td>9:10AM-9:15AM</td>
<td>Wen-Yi Wu, MD, FISHRS</td>
<td>Taiwan</td>
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<td>9:15AM-9:20AM</td>
<td>Conrardin von Albertini, MD</td>
<td>Switzerland</td>
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<td>9:21AM-9:28AM</td>
<td>Asim I. Shahmalak, MBBS</td>
<td>UK</td>
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<td>9:28AM-9:35AM</td>
<td>Julieta Peralta Arambulo, MD</td>
<td>Philippines</td>
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Questions & Answers
SESSION 15

9:50AM-11:00AM

**General Session: Open Dialogue – Congress’s Best Topics Discussion Panel**

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

**Learning Objectives**
- Discuss hair restoration topics in-depth in an open forum.

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<th>Time</th>
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<tr>
<td>9:50AM-9:52AM</td>
<td><strong>Moderator Introduction</strong> 092 Jennifer H. Martinick, MBBS</td>
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<tr>
<td>9:52AM-10:02AM</td>
<td><strong>Consultation</strong> 093 Russell Knudsen, MBBS, FISHRS</td>
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<td></td>
<td><strong>Congress's Best Topics Discussion Panel</strong></td>
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<td></td>
<td><strong>Panelists:</strong></td>
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<td></td>
<td>094 Conradin von Albertini, MD, FISHRS</td>
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<td>095 Nilofer P. Farjo, MBChB, FISHRS</td>
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<td>096 Melike Külahçı, MD</td>
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<td>097 Ricardo Mejia, MD</td>
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<td>098 Meena K. Singh, MD</td>
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<td>099 Ken L. Williams, Jr., DO, FISHRS</td>
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<td>100 Shadi T. Zari, MD</td>
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11:00AM

**Scientific Meeting Adjourns**
The Advances in Hair Biology Lecture is generously supported by a grant from BOSLEY.

FEATURED GUEST SPEAKERS

ADVANCES IN HAIR BIOLOGY LECTURER

Cheng-Ming Chuong, MD, PhD
Professor of Pathology, University of Southern California, Los Angeles, CA, USA

Dr. Cheng-Ming Chuong received M.D. from Taiwan University and Ph.D. from Rockefeller University. He moved to University of Southern California and is currently a professor of pathology. Dr. Chuong directs the Laboratory of Tissue Development and Engineering (http://www-hsc.usc.edu/~cmchuong cmchuong@usc.edu). He has published more than 220 papers on the biology of integuments in top journals, including multiple research papers and commentaries in Nature, Science, CELL. In 2008, he was elected to the National Academy equivalent of Taiwan. In 2014, he was elected as an AAAS fellow for “Distinguished contribution to advance new understanding in the development, regeneration and evolution of patterns in ectodermal organs”. His also works on Evo-Devo of feathers contributing new understanding in the “The Birth of Birds” which was chosen by Science as one of the 10 major breakthroughs in 2014. His work is covered by mainstream media including New York Time, LA times, BBC, CNBC, etc.

Dr. Chuong will speak on,
“Pulling Hair and Hair Restoration.”

GUEST LECTURERS

Carolyn Goh, MD
Assistant Clinical Professor of Dermatology,
Director of Hair and Scalp Disorders Clinic,
David Geffen School of Medicine,
University of California, Los Angeles, CA, USA

Dr. Goh practices general medical dermatology with a specialty in hair loss and scalp disorders. She did undergraduate studies at Stanford University with a major in Comparative Studies in Race and Ethnicity with a minor in Human Biology. She completed medical school at Weill Medical College of Cornell University with honors in both research and community service. She did an internship in internal medicine at Harbor-UCLA Medical Center and completed her residency at New York-Presbyterian Hospital/Cornell in New York City.

Her research and clinical interests are in all types of hair loss including alopecia areata and scarring alopecia. She has been active with patient advocacy groups and local support groups for patients with hair loss.

Dr. Goh will speak on,
“Pattern Hair Loss or Not? That is the Question: Identifying Alopecia Areata and Other Non-Scarring Alopecias.”

Apostolos Pappas, PhD
Head of Programs, Nestle Skin Health, Lausanne, Switzerland

Dr. Pappas began his professional career as a research biochemist in the Skin Research Center of Johnson & Johnson in 1999 and later, in 2001, served as a group leader at Munich Biotech, where he worked on cancer research. In 2003, he returned to Johnson & Johnson, where he was a Research Manager and Fellow focusing on skin and lipid metabolism research. Recently Dr. Pappas became an adjunct faculty member with the Department of Food Science at Rutgers University (since September 2013) and a member of the Rutgers Center for Lipid Research. He was also appointed as a member of the scientific advisory board of directors of the CARF Society. Dr. Pappas is one of the first to culture cells that were previously not cultured; as human primary sebocytes and more recently human facial preadipocytes.

Dr. Pappas has authored 40 peer-reviewed scientific publications, patent applications, and four books. While at Johnson & Johnson, he collaborated with many experts and KOLs to open a new field within the academic textbook arena and curriculums on “Nutrition and Skin”, which was published by Springer in 2011. The success and wide recognition of this project paved the way for his second academic textbook by Springer in 2014: “Lipids and Skin Health”, which is the very first of its kind. His interdisciplinary training and breadth of experience in lipids, metabolism and skin research has led him to initiate and chair major symposia and lectures in many prestigious societies and universities.

Dr. Pappas will speak on,
“Understanding the Importance of Lipid Pathways for the Existence, Health, and Development of the Hair Follicle.”

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

Apostolos Pappas, PhD
Head of Programs, Nestle Skin Health, Lausanne, Switzerland

Norwood Lecturer

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Dr. Pappas will speak on,
“Understanding the Importance of Lipid Pathways for the Existence, Health, and Development of the Hair Follicle.”
Dr. Antonella Tosti is the Fredric Brandt Endowed Professor of Dermatology and Cutaneous Surgery at the University of Miami. She is a worldwide recognized expert in hair and nail disorders, contact dermatitis, and an invited lecturer at major international conferences.

She is a founding member and past president of the European Hair Research Society and Secretary and Treasurer of the American Hair Research Society.

Dr. Tosti is a founding member and past president of the European Nail Society, and past president and member of the Board of Directors of the Council of Nail Disorders. She is editor of four textbooks on the diagnosis and treatment of hair disorders and three textbooks on nail disorders. She is the author of "Dermoscopy of Hair and Nails", the first hair and nail atlas on dermoscopy ever published. Professor Antonella Tosti is the author of over 700 scientific publications.

Dr. Tosti will speak on, “Trichoscopy: Why, When, and How.”

Dr. Lacouture is an Associate Professor and the director of the Oncodermatology Program in the Dermatology Service at Memorial Sloan Kettering Cancer Center in New York City. He did his postdoctoral work at Brigham and Women’s Hospital in Boston, MA, an internship in General Surgery at Cleveland Clinic and residency in dermatology at The University of Chicago, IL. He received his M.D. degree from Javeriana University in Bogota, Colombia, where he grew up. His research interests span the disciplines of dermatologic conditions in cancer patients, and those that arise as a consequence of chemotherapy and/or radiotherapy or stem cell transplants. Dr. Lacouture is currently the Principal Investigator for “The CHANCE Trial”, A Longitudinal Study of Chemotherapy Induced Hair Changes and Alopecia, Skin Aging and Nail Changes in Women with Non-Metastatic Breast Cancer.

Dr. Lacouture is a well-known lecturer in the US and abroad on dermatologic conditions as a result of cancer therapies. He founded a clinical program that encompasses patient care, education, and research on dermatologic care in cancer patients and survivors. He is currently Co-Chair of the Skin Toxicity Study Group of the Multinational Association of Supportive Care in Cancer and is on the advisory board of Cancer.Net and Bridges, the Newsletter for Cancer Survivors. In 2012, CancerCare named Dr Lacouture as Physician of the Year for his contributions to the education of people living with cancer. Dr Lacouture has published over 180 articles in peer-reviewed journals and is the author of Dr Lacouture's Skin Care Guide for People Living With Cancer and Editor of the textbook Dermatologic Principles and Practice in Oncology.

Dr. Lacouture will speak on, “Chemotherapy Induced Alopecia (CIA) and Endocrine Therapy Induced Alopecia (EIA).”

Ms. DeVan is a Communication Specialist with over twenty five years of training experience. Her expertise includes work within university systems as well as the pharmaceutical and medical industries, concentrating on physician speaker development, interpersonal skills improvement, meeting moderation, leadership, cultural diversity, sales training, curriculum development and one-to-one coaching. Ms. DeVan holds a Bachelor’s Degree in Political Science from the University of California, Los Angeles and a Masters of Business Administration from the University of California, Irvine with a concentration in Organizational Behavior and Strategic Planning.

She spent seven years following her passion for the development of public/private partnerships between multiple communities and businesses to enhance community empowerment programs. Her outstanding communication skills and ability to work with diverse audiences earned her multiple national awards. Her international experience includes teaching to multiple nationalities and medical specialties in locations such as Thailand, Switzerland, Hungary, Spain, Austria, Bermuda, Australia, France, Germany, Czech Republic, Italy, Portugal, Turkey, Mexico, Canada, Korea, Hong Kong, Iraq, Iran, Pakistan, Vietnam, Philippines, Ireland, the Caribbean, Mongolia and most recently Sri Lanka. Her extensive travels have given her an understanding of different beliefs, attitudes, and values of various cultures and people.

Ms. DeVan will speak on, “How to Present for Medical Professionals” and direct the workshops on “Train the Trainer – Tips on Giving Excellent Medical Presentations.”
Illegal Hair Transplant Clinics are on the rise and are dangerous to patients.

The ISHRS is initiating a worldwide Black Market Awareness Campaign to protect patients from the rogue clinics that facilitate illegal practices.

How do you feel about these clinics and the patients who are harmed?

SHARE YOUR STORY!
Black Market Awareness Campaign Video Recording Area
The Annex, 5th Level
Thursday & Friday: 7:30 am – 5:00 pm

Visit ISHRS.org #bewareHTblackmarket

The most comprehensive resource for patients and physicians just got better!

Visit the new ISHRS.org website, featuring:
- More refined ‘Find a Doctor’ function
- Improved navigation
- Clean, mobile-friendly design
- More robust Member portal
- Well-organized patient information and resources

While you’re visiting, update your member profile so patients can find you!
We learn so much from the scientific posters. Many interesting case studies, new ideas, and concepts are presented in poster format. You may find that you take away your best new clinical pearl or practical tip from a poster!

Posters should be dismantled on Saturday, October 13, 2018, 12:00pm-1:30pm.
The 2018 Basics Course is an ideal opportunity for newcomers and seasoned physicians in the field of Hair Restoration Surgery to learn the fundamentals from experts with vast experience and build onto more advanced topics needed for their medical practice. The Basics Course includes a full day of didactic lectures, hands-on workstations, case presentations and panel discussions covering the essentials of hair restoration surgery. The course is structured to provide sufficient time during the lectures to ask questions and engage the experts in discussions about the information covered. The workstations are held in small groups allowing for more extended conversations with experts on any subject matter needing clarification. Participant will also receive a copy of the lectures and key articles for independent study after the course.

Our international faculty will offer an overview of all aspects of patient care from initial consultation, diagnosis, and patient selection to different donor harvesting methods, expanded discussions on male and female hairline design, incision site making techniques and graft insertion strategies. Several lectures are devoted to the business aspect of hair restoration from marketing, staff training, and photography. The panel discussions during the final segment of the course allow for friendly, open dialogue between the experts and course participants comparing and contrasting the various techniques taught throughout the day. The course will be delivered in a convivial, relaxed environment where new friendships can be established both with participants and faculty.

The ISHRS Basics lecture Series will be made available as part of the tuition for this course (a $450 value).}

**Basics Course Chair:**
Steven P. Gabel, MD, FISHRS | USA

**Co-Chair:**
M. Humayun Mohmand, MD, FISHRS | Pakistan
Mauro Speranzini, MD | Brazil

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**PRECAUTION NOTE:** This workshop will utilize sharps.

**ATTIRE AND LOUPES:** 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. Bring your own set of loupes.

**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.
• Obtain the fundamentals of medical treatment of hair loss.
• Obtain a sound knowledge of basic scalp anatomy.
HANDS-ON WORK STATIONS

STATION 1 Hairline & Crown Design

**Faculty**  
Russell Knudsen, MBBS, FISRHS | Australia  
William Rassman, MD | 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 as they or possibly 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.

STATION 2 Strip Harvesting

**Faculty**  
Timothy P. Carman, MD, FISHRS | USA  
Edward A.M. Ball, BMBP, DPD, MRCS | UK

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.

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

**Faculty**  
Marco N. Barusco, MD, FISHRS | USA  
Nicole E. Rogers, MD, FISHRS | USA

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.

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

**Faculty**  
Emorane Lupanzula, MD | Belgium  
Gorana Kuka-Epstein, MD | Serbia  
Marie Andree Schambach, MD | Guatemala

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.

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

**Faculty**  
Jerry E. Cooley, MD, FISHRS | USA  
Jeffrey S. Epstein, MD | USA

Attendees will have an opportunity to work one-on-one with faculty to learn the correct angle, depth, and direction for recipient site incisions in different areas of the scalp. They will also gain an understanding about the differences between the various site creation devices and how to choose the correct size implanters for varying graft sizes. Participants will be able to try the various methods of graft placement (forceps, implanters, etc.), to learn to manage common graft placement challenges, as well as to recognize errors in graft placement.
402: Advanced/Board Review Course

Beachwood  MEZZANINE LEVEL

DATE  Wednesday | October 10, 2018
TIME  8:00AM-5:30PM   7:30AM Continental Breakfast
FEE  $495
LEVEL  Intermediate and Advanced

NOTES  Continental breakfast and lunch will be served.

Advanced/Board Review Course Chair:
Ali Emre Karadeniz, MD | Turkey
Co-Chair:  Daniel G. McGrath, DO | USA
The 2018 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.

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.

COURSE OUTLINE

SESSION 1 – GENERAL INFORMATION
8:00AM-8:10AM  Welcome and Opening Remarks
Ali Emre Karadeniz, MD | Turkey
Daniel G. McGrath, DO | USA

8:10AM-8:20AM  State of the ABHRS/IBHRS
Robert P. Niedbalski, DO | USA

8:20AM-8:30AM  Ethical Guidelines for the ABHRS
Daniel G. McGrath, DO | USA

8:30AM-8:40AM  Criteria for ABHRS Certification and Application Process (Video Presentation)
Sara M. Wasserbauer, MD, FISHRS | USA

8:40AM-8:50AM  The Written Exam
Robert P. Niedbalski, DO | USA

8:50AM-9:00AM  The Oral Exam (Video Presentation)
Sara M. Wasserbauer, MD, FISHRS | USA

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

SESSION 2 – ALOPECIAS
9:10AM-9:30AM  Male & Female Pattern Alopecias
Ken L. Williams, Jr., DO, FISHRS | USA

9:30AM-9:50AM  Other Alopecias
Ekrem Civas, MD, FISHRS | Turkey

9:50AM-10:00AM  Questions & Answers

10:00AM-10:15AM  BREAK

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.
• Described 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 – PATIENT SELECTION & DONOR AREA

10:15AM-10:35AM Consultation and Medical Evaluation of the Patient
Ali Emre Karadeniz, MD | Turkey

10:35AM-10:50AM Medical Treatment of AGA
Ekrem Civas, MD, FISHRS | Turkey

10:50AM-11:00AM Surgical Anatomy Of The Scalp
Timothy P. Carman, MD, FISHRS | USA

11:00AM-11:10AM Grafts
Gorana Kuka Epstein, MD | Serbia

11:10AM-11:25AM Surgery Planning – Age and Potential for AGA
Márcio Crisóstomo, MD, FISHRS | Brazil

11:25AM-11:40AM Anesthesia
Daniel G. McGrath, DO | USA

11:40AM-11:55AM Donor Planning and Harvesting – FUT
Daniel G. McGrath, DO | USA

11:55AM-12:10PM Donor Planning and Harvesting – FUE
Michael W. Vories, MD | USA

12:10PM-12:20PM Questions & Answers

12:20PM-1:20PM LUNCH

SESSION 4 – RECIPIENT AREA PLANNING

1:20PM-1:35PM Strategies for Advanced AGA
Márcio Crisóstomo, MD, FISHRS | Brazil

1:35PM-1:50PM Hairline Design (Male and Female)
Ali Emre Karadeniz, MD | Turkey

1:50PM-2:00PM Transplantation of the Crown
Konstantinos Anastassakis, MD | Greece

2:00PM-2:10PM Transplantation of the Eyebrows
Jeffrey S. Epstein, MD | USA

2:10PM-2:20PM Transplantation of the Beard
Jeffrey S. Epstein, MD | USA

2:20PM-2:30PM Transplanting into Scars / Reconstructive HRS
Ali Emre Karadeniz, MD | Turkey

2:30PM-2:40PM Questions & Answers

SESSION 5 – ODDS AND ENDS

2:40PM-3:00PM Emergency Situations in HRS
Marco N. Barusco, MD, FISHRS | USA

3:00PM-3:20PM Most Common Complications in HRS
Timothy P. Carman, MD, FISHRS | USA

3:20PM-3:30PM Questions & Answers

3:30PM-3:45PM BREAK

SESSION 6 – ORAL EXAM SAMPLE CASES

3:45PM-4:15PM Case # 1
Michael W. Vories, MD | USA

4:15PM-4:45PM Case # 2
Ali Emre Karadeniz, MD | Turkey

4:45PM-5:15PM Case # 3
Ken L. Williams, Jr., DO, FISHRS | USA

5:15PM-5:30PM Closing Remarks
### 406 & 411 Mini Course: Scalp Micropigmentation (SMP)

**Elysian Park | 3RD LEVEL**

**DATE** Wednesday | October 10, 2018  
**TIME** 406: 9:00AM-12:00PM | 411: 2:00PM-5:00PM  
**FEE** $295  
**LEVEL** Beginner-Intermediate | All Categories

**Director:** Sara M. Wasserbauer, MD | USA  
**Faculty:** Robert S. Haber, MD, FISHRS | USA

Micropigmentation of the scalp is a useful adjuvant therapy in nearly all hair transplant situations and with expanding patient demand, physicians need to understand its potential. This course will give basic instruction on the tools, techniques and applications of scalp micro pigmentation (also known as trichopigmentation). Short didactics followed by hands-on training will give the novice a bride-eye view of this useful treatment.

**LEARNING OBJECTIVES**

Upon completion of this course you will be able to:

- Analyze the types of pigment, needles, machines and optimal patient applications for SMP treatment.
- Recognize how to counsel potential SMP patients appropriately.
- Investigate how to address difficult cases of scalp pigmentation (i.e. removal, scarring, etc).
- Perform various methods of scalp pigment removal.

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### 407 Mini Course: Decision-Making in Difficult Cases

**Trousdale Estates | 3RD LEVEL**

**DATE** Wednesday | October 10, 2018  
**TIME** 9:00 am - 12:00 pm  
**FEE** $295  
**LEVEL** Intermediate-Advanced | Physicians Only

**Director:** Damkerng Pathomvanich, MD, FISHRS | Thailand  
**Faculty:** Robert S. Haber, MD, FISHRS | USA, Mario Marzola, MBBS | Australia, and Robert P. Niedbalski, DO | FISHRS

In a small group setting this mini course will focus on the difficult decision-making surgeons address in many areas in our day-to-day practices. These decisions will include: how to manage hair loss in the young age group, correcting poorly designed hairlines, when we should restore the temple, how to design the strip for best hair alignment, confronting the cowlick at the hair line, should we transplant a thinning crown, management of wide scars from FUT/FUE, planning how to cope with bleeding and popping during insertion, when would you do FUT or FUE, how to avoid subsequent inadequate growth, what to do when patient has depleted donor hair from excessive excision of FUE and more. Many complicated cases will be presented and discussed.

**LEARNING OBJECTIVES**

Upon completion of this course you will be able to:

- Address hair loss in young age group.
- Correct poorly designed hair lines.
- Design the strip with good hair alignment, minimized scar.
- Manage bleeding and popping during surgery.
- Decide on the best type of surgery for each patient.
- Decide how to properly address cowlicks.
- Manage patients who have depleted donor hairs.
- Cope with common surgical complications.
408 Mini Course: Experiencing Manual and Motorized FUE Devices
Hancock Park  3RD LEVEL

DATE Wednesday | October 10, 2018
TIME 9:00 AM-12:00 PM
FEE $295
LEVEL Intermediate-Advanced in FUE  Physicians Only
NOTES No breakfast (only coffee/tea)  No lunch

Director: David Josephitis, DO | USA
Faculty: Bruno F. Ferriera, MD | Portugal, Emorane C. Lupanzula, MD | Belgium, and Marie Andree Schambach, MD | Guatemala

This hands-on workshop offers the unique opportunity to try out some of the most well-known and popular FUE devices, including multiple types of punches on manual and motorized devices. Expert faculty will introduce the devices, discuss how they work, and provide hands-on training on synthetic models. Advantages, disadvantages and practical tips will be discussed for each device. There will be plenty of opportunities for Q&A during the didactic and hands-on portion of the course.

LEARNING OBJECTIVES
Upon completion of this course you will be able to:
• Describe the key concepts of FUE using different devices.
• Explain how the devices work.
• List the main pros and cons of each device.

413 Mini Course: Trichoscopy
Hancock Park  3RD LEVEL

DATE Wednesday | October 10, 2018
TIME 2:00 PM-5:00 PM
FEE $295
LEVEL Beginner-Intermediate  Physicians Only
NOTES Beverages provided  No lunch

Co-Directors: Antonella Tosti, MD | USA and Ratchathorn Panchaprateep, MD, PhD, FISHRS | Thailand

In this hands-on mini course diagnostic tools of trichoscopy will be reviewed and attendees will be able to practice with live patients.

LEARNING OBJECTIVES
Upon completion of this course you will be able to:
• Describe the principle of trichoscopy and its potential uses.
• Recognize and classify trichoscopic characteristics in common hair and scalp disorders.
• Experience using trichoscopy to help in diagnosis hair disorders and monitor treatment.

412 Mini Course: Decision-Making in FUE vs FUT vs Combination
Trousdale Estates  3RD LEVEL

DATE Wednesday | October 10, 2018
TIME 2:00 PM-5:00 PM
FEE $295
LEVEL Intermediate-Advanced  Physicians Only

Director: Paul T. Rose, MD, JD, FISHRS | USA
Faculty: Scott A. Boden, MD, FISHRS | USA and Márcio Crisostomo, MD, FISHRS | Brazil

In a small group environment discuss the indications for when a surgeon should use Follicular Unit Excision (FUE) versus FUT strip harvesting or a possible combination, based on specific patients and case review.

LEARNING OBJECTIVES
Upon completion of this course you will be able to:
• Describe approaches used in FUT strip harvesting, Follicular Unit Excision (FUE) and combined FUE plus strip harvesting procedures, including advantages and disadvantages.
• Evaluate and compare hair growth rate of FUE grafts vs grafts from FUT strip harvesting.
### 404: Surgical Assistants Core Skills Workshop

**Franklin Hills 3RD LEVEL**

<table>
<thead>
<tr>
<th>DATE</th>
<th>October 10, 2018</th>
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</thead>
<tbody>
<tr>
<td>TIME</td>
<td>8:00AM-12:00PM</td>
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<tr>
<td>FEE</td>
<td>$245</td>
</tr>
<tr>
<td>LEVEL</td>
<td>All Levels</td>
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<tr>
<td>NOTES</td>
<td>Continental breakfast and lunch will be served</td>
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</table>

**Surgical Assistants Vice Chair:** Deanne Pawlak | Canada

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. 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 will start with Basics Lectures, continued with station rotations, 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.

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.

### COURSE OUTLINE

<table>
<thead>
<tr>
<th>Time</th>
<th>Session/Station</th>
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<tbody>
<tr>
<td>8:00AM-8:05AM</td>
<td>Welcome, Faculty Introduction &amp; Course Overview</td>
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<tr>
<td></td>
<td>Deanne Pawlak</td>
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<tr>
<td>8:05AM-8:15AM</td>
<td>Faculty Introductions</td>
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<tr>
<td>8:15AM-8:21AM</td>
<td>Basics Lectures for Surgical Assistants</td>
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<tr>
<td>8:21AM-8:27AM</td>
<td>Hair Anatomy and Physiology</td>
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<td></td>
<td>Sara Roberts</td>
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<tr>
<td>8:27AM-8:33AM</td>
<td>Graft Preparation</td>
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<td></td>
<td>Diana Carmona</td>
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<tr>
<td>8:33AM-8:39AM</td>
<td>Graft Placement</td>
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<td></td>
<td>Brandi Watts</td>
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<tr>
<td>8:40AM-8:45AM</td>
<td>Graft Removal and Use of Implanters</td>
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<td></td>
<td>Tina Lardner</td>
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<tr>
<td>8:45AM-9:15AM</td>
<td>1st Rotation</td>
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<td>9:15AM-9:45AM</td>
<td>2nd Rotation</td>
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<tr>
<td>9:45AM-10:15AM</td>
<td>3rd Rotation</td>
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<tr>
<td>10:15AM-10:25AM</td>
<td>BREAK</td>
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<tr>
<td>10:25AM-10:55AM</td>
<td>4th Rotation</td>
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<tr>
<td>10:55AM-11:25AM</td>
<td>5th Rotation</td>
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<tr>
<td>11:25AM-11:50AM</td>
<td>6th Rotation – Attendee’s Choice</td>
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<tr>
<td>11:50AM-12:00PM</td>
<td>Questions &amp; Answers</td>
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<tr>
<td>12:00PM-1:00PM</td>
<td>Lunch for students and faculty</td>
</tr>
</tbody>
</table>
Course Title: Surgical Assistants Program

**Salon 5  5TH LEVEL**

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**DATE**  Wednesday | October 10, 2018

**TIME**  1:30PM-5:30PM

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

**LEVEL**  All Levels Surgical Assistants  All Categories

**NOTES**  Beverages will be available. No lunch. Eat lunch on your own before you arrive.

**Surgical Assistants Chair:** Aileen R. Ullrich, CMA | USA

**Co-Chair:** Samuel M. Lam, MD, FISHRS | USA

For this year’s Surgical Assistants Program, we have assembled speakers from 19 practices, hailing from over 10 different countries throughout the world. The program is formatted as a series of presentations, split into four sections, and designed to share ideas, knowledge, and experience from one colleague to another. The content is practical, engaging, and timely. This is sure to be a unique learning opportunity for all levels of assistants and physicians.

Starting with a video segment titled, “Surgical Assisting Around the World”, the audience will get a virtual tour of a typical surgery day in offices from five different countries. Surgical set-ups and specialized equipment for both FUT and FUE procedures will be shared.

In the following portion of the program, “Hair Science”, we take a close look at pertinent studies and the latest research in the field of hair restoration. These presentations will not only add to the depth of our existing knowledge base but also keep us up to date on emerging standards of care.

Next, we will extract pearls from our colleagues as we cover the section entitled “New or Improved.” Through photographs and videos, presenters will share creative tips to improve efficiency, clever hacks to common surgical challenges, and innovative equipment for carrying out every day operative duties.

During our “Quality Control” segment we will focus on critical thinking, as we gather tips and information on how and what other clinics use to monitor and control the quality of their surgical outcomes. Examining preoperative, perioperative, and postoperative phases, our focus will be directed toward patient safety and improved outcomes.

Diverting from the standard, everyday case, our final portion of the program will highlight “Interesting Cases.” Demonstrating the diversity and artistry of hair restoration surgery, as well as, how our work can improve the lives of our patients. This segment is sure to renew our enthusiasm to pursue excellence in every aspect of patient care.

The field of hair restoration is constantly evolving and requires continuing education. Regardless of your experience or skill level, this program is sure to deliver a plethora of practical tips, information, and ideas for both physicians and assistants alike.

**LEARNING OBJECTIVES**

Upon completion of the course you will be able to:

- Improve processes and/or techniques related to graft preparation and placement.
- Describe relevant research and studies being done in the field of hair restoration.
- Identify more efficient ways to perform surgical assistants’ tasks.
- Illustrate methods to monitor and control quality throughout each operative phase.
- Become inspired for excellence.

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**COURSE OUTLINE**

**1:30PM-1:40PM**  Welcome and Introductions

- Aileen R. Ullrich, CMA | USA
- Samuel M. Lam, MD, FISHRS | USA

**1:40PM-1:45PM**  USA: Office of Dr. Parsa Mohebi

- Christina Smith | USA

**1:45PM-1:50PM**  Georgia: Office of Dr. Akaki Tsilosani

- Salome Vadachkoria | Georgia

**1:50PM-1:55PM**  South Korea: Office of Dr. Jae Hyun Park

- Christina Noh | South Korea

**1:55PM-2:00PM**  Paraguay: Office of Dr. Luis Roberto Trivellini

- TBD | Paraguay

**2:00PM-2:05PM**  Israel: Office of Dr. Alex Ginzburg

- Desire Rimok | Israel

**2:05PM-2:15PM**  Questions & Answers

**2:15PM-2:25PM**  Study Findings: Hypothermosol + ATP

- Brandi J. Watts | USA

**2:25PM-2:45PM**  FUE Quality with Implanters vs Forceps

- Marie-Anne von Albertini | Switzerland

**2:45PM-2:55PM**  Isolation of Dermal Papillae

- Heather Stretch | UK

**2:55PM-3:15PM**  What’s New: Fat Stem Cells & Oral Minoxidil

- Mario Marzola, MBBS | Australia

**3:15PM-3:30PM**  Questions & Answers

**3:30PM-3:40PM**  COFFEE BREAK

**3:40PM-3:45PM**  Eye Cover for Eyebrow Transplant (Video Presentation)

- Sara M. Wasserbauer, MD, FISHRS | USA

**3:45PM-3:50PM**  Trick: Use of Velcro in FUE

- Kevin | Guatemala

**3:50PM-4:00PM**  Maximizing Office Flow and Efficiency

- Adriane MacDonald | USA

**4:00PM-4:10PM**  Ergonomic Microscope Design

- Laura Keiter | USA

**4:10PM-4:20PM**  Disinfecting Hair Wash Machine

- Felipe Reynoso | USA

**4:20PM-4:30PM**  Questions & Answers

**4:30PM-4:45PM**  Monitoring Quality for Continued Improvement

- Panelists: Biljana Djordjevic | UK
- Laura Krys | Spain
- Milos Ognjenovic | Germany

**4:45PM-5:05PM**  Case #1 – Operation Restore (Video Presentation)

- Jeffrey S. Epstein, MD | USA

**5:05PM-5:15PM**  Case #2 – Rare Diagnosis

- Putrina Figueira | USA

**5:15PM-5:25PM**  Case #3

- Sara Roberts, RN | UK

**5:25PM-5:30PM**  Questions & Answers
**WORKSHOPS**

<table>
<thead>
<tr>
<th>Date</th>
<th>Workshop Title</th>
<th>Location</th>
<th>Level</th>
<th>Details</th>
</tr>
</thead>
<tbody>
<tr>
<td>Friday, Oct 12, 2018</td>
<td>101: Non-Surgical Adjunctive Treatments: PBM, Minoxidil, Finasteride, Microneedling, Nutraceuticals</td>
<td>Mt. Olympus</td>
<td>3rd level</td>
<td>Craig L. Ziering, DO</td>
</tr>
<tr>
<td>12:30pm-2:00pm</td>
<td>In this workshop we will provide an updated summary on the current non-surgical therapies for female and male pattern hair loss including the correct use of oral and topical medications, photobiomodulation, microneedling and nutraceuticals. Practical cases will be presented to the panel for discussion about therapies.</td>
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<tr>
<td>2:45pm-4:15pm</td>
<td>102 &amp; 112 Workshop: Train the Trainer – Tips on Giving Excellent Medical Presentations</td>
<td>Silver Lake</td>
<td>All categories</td>
<td>Marsheila DeVan, MBA, Elite Communications</td>
</tr>
<tr>
<td>12:30pm-2:00pm</td>
<td>Upon completion of this course you will be able to:</td>
<td></td>
<td></td>
<td>• Describe how to correctly use oral and topical medications that are currently approved and used for treating female and male pattern hair loss.</td>
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<tr>
<td>2:45pm-4:15pm</td>
<td>• Describe some of the other ancillary methods of stimulating hair growth.</td>
<td></td>
<td></td>
<td>• Have an objective understanding of other more complicated cases of alopecia and how to diagnose and treat these cases medically.</td>
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<tr>
<td>2:45pm-4:15pm</td>
<td>103: Avoiding Poor Techniques, Poor Planning, Poor Growth and Bad Results</td>
<td>Salon 6</td>
<td>3rd level</td>
<td>Nicole E. Rogers, MD, FISHRS</td>
</tr>
<tr>
<td>2:45pm-4:15pm</td>
<td>This workshop will examine effective techniques in giving excellent medical presentations. The workshop will review delivery skills and the importance of projecting a strong professional presence. It doesn’t matter how great the content is, if no one is paying attention or asleep. We will focus on:</td>
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<tr>
<td>2:45pm-4:15pm</td>
<td>1. Knowing your audience and gaging the content to the level of the audience.</td>
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<td>2. How to engage the audience quickly.</td>
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<tr>
<td>2:45pm-4:15pm</td>
<td>3. Discussing pitfalls including overly complicated slides.</td>
<td></td>
<td></td>
<td>4. Conveying excitement and telling a story.</td>
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<tr>
<td>2:45pm-4:15pm</td>
<td>4. Best practice tips in creating slides and customizing your talk.</td>
<td></td>
<td></td>
<td>LEARNING OBJECTIVES</td>
</tr>
</tbody>
</table>

**LEARNING OBJECTIVES**

Upon completion of this course you will be able to:

- Identify and utilize the components of a strong medical talk.
103 Workshop: Avoiding Poor Techniques, Poor Planning, Poor Growth, and Bad Results
Salon 6  5TH LEVEL
DATE  Friday  I  October 12, 2018
TIME  12:30PM-2:00PM
LEVEL  Physicians Only

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

**Faculty:** Bessam Farjo, MBChB, FISHRS | UK
Vincenzo Gambino, MD, FISHRS | Italy and
Russell Knudsen, MBBS, FISHRS | Australia

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 judgement 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 this 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.

105 Workshop: PRP for Hair Restoration
Ray Dolby Ballroom  5TH LEVEL
DATE  Friday  I  October 12, 2018
TIME  12:30PM-2:00PM
LEVEL  All Categories

**Director:** Robin Unger, MD | USA

**Faculty:** Jerry E. Cooley, MD, FISHRS | USA
Chiara Insalaco, MD, PhD | Italy
Daniel G. McGrath, DO | USA and
James E. Vogel, MD, FISHRS | USA

Platelet Rich Plasma has only recently begun to be used for the purpose of hair growth, but the science for this promising technology has not matured as quickly as the market has grown. This workshop will review both the known and unknown aspects of effective PRP treatment for hair loss, the possible advantages of adding ACell (matristem) or other factors to PRP, the different methods of PRP application and dosing strategies, and will review the ongoing and established science for hair growth with PRP treatment.

**LEARNING OBJECTIVES**
Upon completion of this course you will be able to:
- Analyze the scientific basis and evidence for PRP (+/-ACell) treatment.
- Describe and explain the physiologic rational for PRP treatment
- Compare the different PRP treatment regimens in current use worldwide.
- Compare the components of PRP that are most important for hair stimulation
- Discussion of micro-needling and other methods of injection and/or activation
- Practice how to counsel patients as they try to determine if PRP treatment is right for them.

104 Workshop: Transgender Patients
Salon 5  5TH LEVEL
DATE  Friday  I  October 12, 2018
TIME  12:30PM-2:00PM
LEVEL  Physicians Only

**Director:** Jeffrey S. Epstein, MD | USA

**Faculty:** Paul Cotterill, MD, FISHRS | Canada
Márcio Crisóstomo, MD, FISHRS | Brazil and
E. Antonio Mangubat, MD | USA

Participating in the process of gender reassignment requires an understanding of the timing of different transition surgeries, the goals of patients, and the aesthetics of male and female bodies. The experienced faculty will present varying yet complementary approaches covering the many aspects of MTF and FTM hair procedures within the total transition process, including issues of hairline restoration, the role of non-scalp procedures, and coordination with other indicated procedures.

**LEARNING OBJECTIVES**
Upon completion of this course you will be able to:
- Identify characteristics of female, male and androgenous hairlines and hair loss patterns.
- Review the unique challenges presented by transitioning patients.
- Feel confident in knowing how to counsel, develop a treatment plan, and execute a surgical solution for transgendersed patients
- Become a knowledgeable member of the transition surgery team.
**EXTRA COURSES**

**113 Workshop: Implanters**
Mt. Olympus  3RD LEVEL

- **DATE:** Friday, October 12, 2018
- **TIME:** 2:45PM-4:15PM
- **LEVEL:** Physicians Only

**Director:** Vance Elliott, MD, FISHRS | Canada  
**Faculty:**  
- Sungjoo (Tommy) Hwang, MD, PhD, FISHRS | South Korea  
- Parsa Mohebi, MD, FISHRS | USA  
- Mauro Speranzini, MD | Brazil and Conradin von Albertini, MD, FISHRS | Switzerland

Many types of implantation devices have become available in the field of hair restoration surgery with the goal of reducing the training time and error rates of hand placed grafts. This workshop aims to review and compare a variety of available devices, from sharp to dull implanters, automated to disposable devices, and everything in between. Pros and cons of each will be discussed with reviews of the available data, expert presentations, and video demonstrations.

**LEARNING OBJECTIVES**

Upon completion of this course you will be able to:
- Appraise the different implanter options that exist.
- Decide how to select and use the best implanter for one’s practice.
- Identify common errors to avoid and optimal strategies for integrating implanters into one’s practice.

**114 Workshop: Social Media, Reviews, Photos, Consents, Filming Surgery**
Salon 5  5TH LEVEL

- **DATE:** Friday, October 12, 2018
- **TIME:** 2:45PM-4:15PM
- **LEVEL:** All Categories

**Director:** Samuel M. Lam, MD, FISHRS | USA  
**Faculty:**  
- Alan J. Bauman, MD, FISHRS | USA  
- Michael Ramsey | USA  
- Samuel Peek | USA

This workshop will focus on only practical, actionable “pearls” for the very important subjects of social media, marketing, advertising, videos, and reputation management. The faculty and panel discussion will be geared toward a conversational style rather than a formal didactic that will enhance and increase audience take-away values to make this workshop truly valuable to all attendees.

**LEARNING OBJECTIVES**

Upon completion of this course you will be able to:
- Learn practical knowledge on how to improve one’s social media, advertising, video presence, and reputation management.

**115 Workshop: Hair Care Products and the Science Behind Them**
Ray Dolby Ballroom  5TH LEVEL

- **DATE:** Friday, October 12, 2018
- **TIME:** 2:45PM-4:15PM
- **LEVEL:** All Categories

**Director:** Nicole E. Rogers, MD, FISHRS | USA  
**Faculty:**  
- Sara L. Salas, MD  
- Meena Singh, MD, FISHRS

Patients always want to know what products they should use on their hair. In this workshop we will discuss the science behind the hair care products on the market today, what to recommend and what to stay away from.

**LEARNING OBJECTIVES**

Upon completion of this course you will be able to:
- Demonstrate knowledge of popular hair care products and which will benefit hair loss patients.
You are invited to visit the technical exhibit show at the ISHRS 26th World Congress, located on LEVEL 5 in the Annex, and on the MEZZANINE LEVEL in the Hollywood Ballroom, Preston’s, and the foyer. Companies of interest to hair restoration surgeons will be displaying their products and services. Representatives will be available to answer questions.

**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.
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20123, ITALY
Phone: +39 0245548548
admin@bellicapelliforum.com
Marco Angoli, Founder
Booth #56
Bellicapelliforum S.r.l. is a society based in Italy specialized in web marketing on hair transplantation. Bellicapelliforum S.r.l. has 20,000 people registered, 4,500 real reports and ten million visits in total. Almost 30 surgeons all over the world participate actively in the community.

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info@capillus.com
Carlos Pina, CEO
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saxenadrkuldeep@gmail.com
Kuldeep Saxena, Director
Booth #64
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Stefano Ospitali, CEO
Booth #50
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Fax: 1-678-566-1957
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www.coleinstruments.com
Kim Wallace, Sales Director
Booth #3
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Fax: 003228807061
info@waw-fue.com
www.devroyeinstruments.com
Felicia Dominguez, Sales Representative

Booth #29
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Fax: 1-310-318-1590
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www.ugraft.com

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The Dr.U Graft™ Hair Transplantation System is engineered to overcome barriers to safely harvesting healthy, robust FUE grafts. The patented Intelligent Hair Punch™ enables efficient harvesting of head, nape, beard & body hair. It also features a suction-free graft-rescue and graft hydration system.

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Phone: 1-972-380-2911
toll-free: 1-800-759-6876
sales@eclipsemed.com
www.eclipsemed.com

Booth #16
Eclipse is known for its portfolio of products such as Eclipse PRP®. Additional offerings include: the eVIVE, Pulse wave therapy device; Eclipse MicroPen®, micro-needling device; TheraDome®, laser hair helmet; PowerMask, single use micro-current face mask among others.

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Garden City, NY 11530 USA
Phone: 1-844-888-2418
Fax: 1-516-350-5999
TomM@enrichedprp.com
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Istanbul, TURKEY
Phone: +90 212 210 32 20
info@ertipmedical.com
www.ertipmedical.com
Mrs. Busra Eryigit Gul
International Sales & Marketing Manager

Booth #1
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**Energy Delivery Solutions**
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Phone: 1-812-920-0596
Fax: 1-812-725-9018
bill.ehringer@energy-delivery-solutions.com
www.energy-delivery-solutions.com
Dr. William Ehringer, CEO

Booth #39
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www.finishingtouchescgroup.com
Dawn Forschaw, CEO

Booth #44
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**Haircheck**
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toll-free (US & Canada) 1-800-233-7453
Fax: 1-305-253-6696
vidal@iberiusllc.com
www.haircheck.com

Michael Vidal, President

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

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Phone: 1-401-946-0884
drbobleonard@gmail.com
Dr. Robert Leonard, Director

Booth #12
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Mrs. Busra Eryigit Gul
International Sales & Marketing Manager

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Phone: 1-310-318-1500
Fax: 1-310-318-1590
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www.ugraft.com

Booth #61
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TomM@enrichedprp.com
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Tom Mastanduono, R. Ph., President

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Dawn Forschaw, CEO

Booth #44
Scalp micropigmentation.

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4476647@qq.com
Libin, Sales Manager
Booth #60
Wuxi Infery Medical Technology Company focus on R & D, production: hair transplanting instrument, implanter pen, hair transplanting needle, hair extracting punch, handpiece, forceps and other related equipment for hair restoration surgery enterprises.

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Let’s face it—there is just no place on Earth quite like Hollywood.

This is the birthplace of American cinema, but there is so much more.

The famous California sunshine makes getting out and about easy and enjoyable. Hop on the Los Angeles Metro to get to many locations in the city and outlying areas. The hotel is conveniently located at the Hollywood & Highland stop, so it’s easy to get on board. Visit the Los Angeles Metro website for full information: https://www.metro.net/
Here are just some of the many things to see and do ...

**Hollywood Walk of Fame** Don't miss the Hollywood Walk of Fame located just outside the hotel, which comprises more than 2,600 five-pointed terrazzo and brass stars embedded in the sidewalks along fifteen blocks of Hollywood Boulevard and three blocks of Vine Street in Hollywood. The stars are permanent public monuments to achievement in the entertainment industry, bearing the names of a mix of actors, musicians, directors, producers, musical and theatrical groups, fictional characters, and others.

**TCL Chinese Theater** Located directly next door to the conference hotel. The forecourt of this 1927 Hollywood landmark holds the handprints and footprints of hundreds of stars from Marilyn Monroe to Nicholas Cage. Tours are offered seven days a week.

**El Capitan Theatre** This Hollywood fixture is located across the street from the hotel. It first opened its doors in 1926 and is currently a fully restored movie palace. The theater is operated by Buena Vista Theatres, Inc., a subsidiary of Walt Disney Studios Motion Pictures Distribution, and as such, serves as the venue for a majority of the Walt Disney Studios' film premieres.

**Dolby Theatre Tour** The hotel is in the same complex as the Dolby Theatre, so while there, considering booking a tour that takes you beyond the red carpet. See Oscar statuettes and images from past Academy Awards ceremonies, visit the Dolby Lounge and other exclusive celebrity hangouts.

**Universal Studios Hollywood** This premiere theme park built beside the film studio is just three miles from the hotel. You can easily ride the metro from the Hollywood & Highland station located directly beneath the hotel to Universal Studios – it’s only one stop away!

**The Hollywood Sign** The bright white aura of this iconic sign beams down onto the city from high in the Hollywood Hills. When it comes to icons, this towering sign stands tall—literally. Originally erected in 1923 to promote a housing development called Hollywoodland, the enormous sign which lost its last four letters in 1949 and got a massive makeover in 1978, now acts like a towering beacon for anyone who dreams of being in the movies. Get good views of the sign along Mulholland Highway as it snakes through the Hollywood Hills, as well as from the Griffith Observatory and Lake Hollywood Park. There are also good distant views from the hotel.

**Capitol Records Building** The Capitol Records Building, located a few blocks from the hotel at Hollywood & Vine, is a Los Angeles Historic-Cultural Monument. Construction occurred soon after British company EMI acquired Capitol Records in 1955 and was completed in April 1956. The Capitol Records Tower houses the consolidation of Capitol Records’ West Coast operations and is home to the recording studios and echo chambers of Capitol Studios.

**Take a Hollywood Bus Tour** Tour operators line Hollywood Boulevard, so it’s easy to purchase a ticket to get on board a bus tour that shows you Hollywood sights and/or the homes of movie stars.

**Take a Studio Tour** Take a peek behind the scenes to see where and how it all happens. Universal, Sony, Paramount Pictures and Warner Brothers all offer tours – check online for details.

**TV Show Tapings** Be in the live audience of a TV show! So many shows are taped in Hollywood/Los Angeles – the Jimmy Kimmel Live! studio is right across the street from our hotel. Conan O'Brien's and James Corden's late night shows and The Ellen Show (Ellen DeGeneres) are others that are filmed in the area. You can check for show tickets to many shows at https://1iota.com and elsewhere online.

**The Hollywood Bowl** Located less than one mile from the Loews Hollywood Hotel is the Hollywood Bowl. Since its opening in 1922, this outdoor venue has been the premier destination for live music in Southern California, hosting everyone from Billie Holiday to The Beatles to Yo-Yo Ma under the iconic silhouette of its concentric-arched band shell.

**Hollywood Forever Cemetery** This is the final resting place to more of Hollywood’s founders and stars than anywhere else on earth. Founded in 1899, the cemetery was an integral part of the growth of early Hollywood. Paramount Studios was built on the back half of the original Hollywood Cemetery, where the studio is still in operation today. The cemetery of choice for most of the founders of Hollywood’s great studios, as well as writers, directors, and, performers, Hollywood Forever Cemetery is now listed on the National Register of Historic Sites. Visitors come from all over the world to pay respects to Johnny Ramone, Cecil B. DeMille, Jayne Mansfield, Rudolph Valentino, Douglas Fairbanks, and hundreds more of Hollywood’s greatest stars.

SHOW YOUR BADGE
To receive discounts and special offers at over 25 restaurants, activities and nightlife establishments in Downtown L.A. by simply showing your conference badge. Discounts vary and details can be found on the Show Your Badge website.

FOR MORE INFORMATION about Hollywood/Los Angeles, visit: https://www.discoverlosangeles.com
Griffith Park

Home to the Griffith Observatory, this park is perched up in the Hollywood Hills. With over 4,210 acres of natural chapparal-covered terrain, hiking trails, landscaped parkland and picnic areas, Griffith Park is one of the largest municipal parks with urban wilderness areas in the United States. Situated in the eastern Santa Monica Mountain range, the Park’s elevations range from 384 to 1,625 feet above sea level.

The Sunset Strip

is the mile-and-a-half (2.4 km) stretch of Sunset Boulevard that passes through West Hollywood. The Sunset Strip is a party destination like no other—home to gangsters in the roaring 1920s, playground of Hollywood royalty then and now, and the origin of many famous brands.

Santa Monica Boulevard

is actually Route 66, the iconic U.S highway that once ran from Chicago to Santa Monica. It passes straight through West Hollywood and with it comes a variety of fantastic shops and restaurants, and the heart of the LGBTQ scene in the city.

The West Hollywood Design District

is home to some of the most world-famous retailers. You won’t want to miss strolling along Melrose and dropping in luxury and flagship stores.

Miracle Mile

is a stretch in Downtown Los Angeles that is home to four major Los Angeles museums:

- The Los Angeles County Museum of Art, La Brea Tar Pits and Museum, Craft and Folk Art Museum, and Petersen’s Automotive Museum. Explore these museums and more.

La Brea Tar Pits and Museum

in 1875 a group of amateur paleontologists discovered animal remains in the pits at Rancho La Brea, which bubbled with asphalt from a petroleum lake under what is now Hancock Park. Some 140 years later, the pros are still at work here dragging out fossils. Many specimens are on display in the museum and outside the pits still bubble with black goo. You can watch paleontologists at work in the excavation of Pit 91.

The Getty

houses the collections of J. Paul Getty. It collectively consists of The Getty Center in Los Angeles (a campus of the Getty Museum featuring art and architecture and other programs of the Getty Trust) and Getty Villa (in Pacific Palisades, a re-creation of an ancient Roman house displaying ancient art).

The Broad

is a contemporary art museum on Grand Avenue in Downtown Los Angeles. The museum is named for philanthropist Eli Broad, who financed the $140 million building which houses the Broad art collections.

Los Angeles County Museum of Art

is the largest art museum in the western United States.

The Museum of Contemporary Art

is a contemporary art museum with three locations in greater Los Angeles. The main branch is located on Grand Avenue in Downtown Los Angeles, near Walt Disney Concert Hall, where you may want to catch a performance of the Los Angeles Philharmonic.

Griffith Observatory

The vista from this hilltop landmark is stunning, particularly at night when Los Angeles twinkles below. The observatory offers many exhibits, including a Foucault pendulum (directly under Hugo Ballin’s famed mural on the central rotunda), Tesla coil and planetarium show.

The Natural History Museum Los Angeles County

is the largest natural and historical museum in the western United States. Its collections include nearly 35 million specimens and artifacts and cover 4.5 billion years of history.

California Science Center

the permanent exhibit galleries at this kid-friendly Exposition Park museum explore life sciences, human innovation and powered flight. The main attraction here is the Space Shuttle Endeavour, which was very publicly paraded through L.A. to reach its temporary home at the Samuel Oschin Pavilion.

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Get out in nature...

Famous stretches to explore...

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Take a Walk on the Beach

Check out the beach in Santa Monica (a 30-45 minute drive from the hotel, but also accessible by metro), featuring the iconic Santa Monica Pier with amusement rides and eateries, or funky Venice Beach with its Bohemian spirit (about three miles south of Santa Monica), or Malibu Lagoon State Beach, known as Surfrider Beach for its waves (about a 60 minute drive from the hotel).
REGISTRATION FEES FOR HOLLYWOOD

The general registration fee includes: admittance to general scientific sessions, 2 workshops on Friday, scientific posters, exhibits, coffee/refrigeration breaks, lunch (Thursday, Friday and Saturday), Welcome Reception, a Final Program Guide, access to the electronic Abstract Book, and the ability to register for additional courses. For Surgical Assistants and Ancillary Staff categories, it also includes admittance to the Surgical Assistants Program. Extra courses and ticketed events may require additional fees. All fees are denoted in U.S. dollars (USD) unless otherwise indicated.

www.26thannual.org

EXTRA COURSES AND WORKSHOPS

<table>
<thead>
<tr>
<th>Course</th>
<th>Fee</th>
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<tbody>
<tr>
<td>401: Basics Course</td>
<td>$250</td>
</tr>
<tr>
<td>402: Advanced/Board Review Course</td>
<td>$495</td>
</tr>
<tr>
<td>403: Trichoscopy Course</td>
<td>No extra charge, but must register.</td>
</tr>
<tr>
<td>404: Surgical Assistants Core Skills Workshop</td>
<td>$245</td>
</tr>
<tr>
<td>406: Mini Course: SMP</td>
<td>$295</td>
</tr>
<tr>
<td>407: Mini Course: Difficult Cases</td>
<td>$295</td>
</tr>
<tr>
<td>408: Mini Course: FUE</td>
<td>$295</td>
</tr>
<tr>
<td>409: Surgical Assistants Program</td>
<td>No extra charge, but must pre-register.</td>
</tr>
<tr>
<td>411: Mini Course: SMP</td>
<td>$295</td>
</tr>
<tr>
<td>412: Mini Course: FUE vs FUT vs Combo</td>
<td>$295</td>
</tr>
<tr>
<td>413: Mini Course: Trichoscopy</td>
<td>$295</td>
</tr>
<tr>
<td>221: ISHRS &amp; ABHRS M&amp;M Conference</td>
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FRIDAY WORKSHOP BANK 1

<table>
<thead>
<tr>
<th>Workshop</th>
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<tbody>
<tr>
<td>101: Non-Surgical Adjunctive Treatments: PBM, Minoxidil, Finasteride, Microneedling, Nutraceuticals</td>
<td>$795</td>
</tr>
<tr>
<td>102: Train the Trainer – Tips on Giving Excellent Medical Presentations</td>
<td>$795</td>
</tr>
<tr>
<td>103: Avoiding Poor Techniques, Poor Planning, Poor Growth, and Bad Results</td>
<td>$795</td>
</tr>
<tr>
<td>104: Transgender Patients</td>
<td>$795</td>
</tr>
<tr>
<td>105: PRP for Hair Restoration</td>
<td>$795</td>
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FRIDAY WORKSHOP BANK 2

<table>
<thead>
<tr>
<th>Workshop</th>
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<tbody>
<tr>
<td>111: Donor Area Limits in FUE: Taking it Too Far</td>
<td>$795</td>
</tr>
<tr>
<td>112: Train the Trainer – Tips on Giving Excellent Medical Presentations</td>
<td>$795</td>
</tr>
<tr>
<td>113: Implanters</td>
<td>$795</td>
</tr>
<tr>
<td>114: Social Media, Reviews, Photos, Consents, Filming Surgery</td>
<td>$795</td>
</tr>
<tr>
<td>115: Hair Care Products and the Science Behind Them</td>
<td>$795</td>
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SOCIAL AND OTHER ITEMS

<table>
<thead>
<tr>
<th>Event</th>
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<tbody>
<tr>
<td>ISHRS Walk of Fame Star</td>
<td>$100</td>
</tr>
<tr>
<td>704: Gala</td>
<td>$115</td>
</tr>
<tr>
<td>Headset Rental English to Spanish</td>
<td>$10</td>
</tr>
</tbody>
</table>

Newcomers Program (Hosts or Newcomers) - No extra charge, but must pre-register

REGISTRATION VERIFICATION

Required for the indicated categories and must accompany registration form.

Acceptable forms of verification are as follows:

- NON-MEMBER PHYSICIAN: a statement on the physician’s letterhead, a copy of the physician’s medical certificate of license, or a letter from a current ISHRS physician member attesting to the credentials as a physician.
- NON-MEMBER ADJUNCT/TRICHOLOGIST: a statement on the person’s business letterhead attesting to the credentials of the person or a certificate of membership in his/her trichologic society.
- NON-MEMBER PHYSICIAN RESIDENT: a letter of verification from the residency program director.
- TRAINING FELLOW: a letter of verification from the fellowship training program director.
- SURGICAL ASSISTANT, OFFICE MANAGER, OFFICE STAFF, CLINIC DIRECTOR, MARKETING/WEBMASTER: the official Letter of Attestation as provided on the ISHRS website or ISHRS meeting registration site.
- SPOUSE/GUEST: a letter from the Physician or Adjunct noting the relationship with the individual.

MULTIPLE STAFF DISCOUNT

Bring multiple staff to the meeting and receive a special rebate offer! Medical offices that register 3 or more non-physician personnel qualify for a $50 rebate per person. The following guidelines apply to qualify for the rebate.

- Rebates are offered only for non-physician personnel which are employed in the same office. I.e., surgical assistants (member/non-member), office staff, office manager, and clinic director registration categories.
- A Registration Rebate Form must be completed and submitted no later than Nov. 14, 2018. Forms received after this date will not be eligible for this special offer. Contact the ISHRS Headquarters office for a Rebate Request Form or obtain from Meeting Registration Desk.
- A rebate check will be issued 6 weeks after the meeting, so that attendance can be verified for the individuals that are listed on the Registration Rebate Form.
- Only one rebate check will be issued to the employing physician at the address indicated on the Registration Rebate Form.

www.26thannual.org
Global Council of Hair Restoration Surgery Societies

American Board of Hair Restoration Surgery
American Academy of Cosmetic Surgery
American Society of Hair Restoration Surgery
Austro-Hungarian Society for Hair Restoration Surgery
Brazilian Society of Hair Transplantation
German Society of Hair Restoration Surgery
Italian Society of Hair Transplantation
Japanese Society of Hair Restoration Surgery
Italian Society of Hair Transplantation
Korean Society of Hair Transplantation
Kyrgyz Republic Society of Hair Restoration Surgery
Luxembourg Hair Transplantation Society
Mexican Society of Hair Transplantation
Mexican Society of Hair Restoration Surgery
Netherlands Hair Transplantation Society
New Zealand Society of Hair Transplantation
Polish Society of Hair Transplantation
Russian Society of Hair Transplantation
Spanish Society of Hair Transplantation
South Africa Society of Hair Transplantation
Slovak Society of Hair Transplantation
Spanish Society of Hair Restoration Surgery
Slovak Society of Hair Restoration Surgery
Swiss Society of Hair Transplantation
United Arab Emirates Society of Hair Transplantation
Ukrainian Society of Hair Transplantation
Zimbabwe Society of Hair Transplantation

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

MISSION STATEMENT
A global society of physicians committed to improving patient outcomes by promoting member education, collegiality, research, ethics and public awareness.

CORE PURPOSE
Improving quality of life for people with hair loss.

CORE VALUES
Ethical Conduct
Free Exchange of Knowledge
Pursuit of Excellence
Honesty and Integrity
Diversity

BENEFITS OF ISHRS MEMBERSHIP INCLUDE:

- Reduced registration fees for ISHRS annual meetings, live surgery workshops, educational products, and other training programs
- Subscription to the bi-monthly newsletter, Hair Transplant Forum International
- Access to the Forum ePub
- Subscription to the peer-reviewed journal, Dermatologic Surgery (physicians, adjunct, and residents only)
- Electronic PDF journal, Human Trichology, and Drugs in Dermatology
- Opportunities to earn continuing medical education (CME) credits
- Eligibility for research grants
- www.ISHRS.org
  A comprehensive informational website on hair loss and restoration. Free listing with Physician Profile for physician members.
- Unified public relations effort to increase the public’s perception and awareness of hair restoration surgery
- A team of leaders, volunteers, and staff dedicated to making the ISHRS a valuable resource for the profession.

FOR MORE INFORMATION CONTACT
International Society of Hair Restoration Surgery
303 West State Street, Geneva, IL 60134 USA
TEL 1-630-262-5399 | U.S. DOMESTIC TOLLFREE 1-800-444-2737
FAX 1-630-262-1520 | E-MAIL info@ishrs.org | www.ISHRS.org

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Desmond & Ahern, Ltd.
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Vice President
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*When you mention this ad.

ABHRS
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Join A Select Group Of Hair Restoration Surgeons!
200+ Certified Surgeons Worldwide

Showcase your acceptance into our diverse community of physicians who are dedicated to the discipline of hair restoration surgery as well as to upholding the highest standards of patient care.

Benefits Include
- Physicians Directory Listing on the ABHRS Website
- Membership Certificate, suitable for framing
- Representation and the protection of hair restoration surgery best practices through advocacy efforts
- Partnerships and Resources designed to support your practice

For more information visit https://abhrs.org

Visit Booth #67 at this year’s ISHRS World Congress in Hollywood, CA, for information and credentialing requirements, or visit ABHRS.org

Certification & Re-Certification Exams will be held May 4-5, 2019 in Chicago & November 13-14, 2019 at the 27th ISHRS World Congress Bangkok, Thailand
The World’s Only Robotic Hair Restoration System is Now Better Than Ever!

- **3D Pre-Operative Planning** enables physicians to customize the hairline design
- **Intelligent Analysis** to select the best grafts from the donor area
- **Optimal** recipient site creation protects existing terminal hair

What’s New

- **Simultaneous Site Creation and Graft Implantation**
- **3D Stereoscopic Vision System** with 44-micron resolution delivers unmatched intelligence, precision and reproducibility
- **7-Axis Robot Arm** to increase clinical efficiency
- **Larger Tensioner** to decrease harvesting time
- **Compact, Streamlined Ergonomic Design** minimizes the footprint by 50%
- **Redesigned Procedure Chair** for uncompromised patient comfort & clinical versatility

The ARTAS iX from Restoration Robotics is indicated for harvesting hair follicles from the scalp in men diagnosed with androgenic alopecia (male pattern hair loss) who have black or brown straight hair. The ARTAS iX from Restoration Robotics is intended to assist physicians in identifying and extracting hair follicular units from the scalp during hair transplantation; creating recipient sites; and implanting harvested hair follicles. ©2018 Restoration Robotics, Inc. All rights reserved. Restoration Robotics, ARTAS, ARTAS iX and the stylized logos are among the trademarks and/or registered trademarks of Restoration Robotics, Inc. in the United States and other countries. MK-1041 Rev A (08/18)
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**Patented Hair-Parting Teeth**
Hair is a photoprotectant for the scalp. The teeth part the hair to create an unobstructed pathway for maximum laser delivery to hair follicles.

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HairMax laser diodes are closely placed within the devices to provide consistent and uniform delivery of laser light to hair follicles.

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HairMax lasers have lenses that deliver collimated light. This focused light penetrates the scalp to better stimulate hair follicles, unlike laser devices without lenses.

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---

*HairMax Laser devices are indicated to treat Androgenetic alopecia, and promote hair growth in males who have Norwood Hamilton Classifications of Ila to V and in females who have Ludwig (Savin) I-4, II-1, II-2, or frontal patterns of hair loss and who both have Fitzpatrick Skin Types I to IV. The HairMax Laser 272 is indicated to promote hair growth in males with Androgenetic alopecia who have Norwood-Hamilton Classifications of Ila-V, females with Norwood-Hamilton Classifications of Ila-V, or females with Androgenetic alopecia who have Ludwig-Savin Classifications II-4 or frontal and for both with Fitzpatrick Airm Phototypes I-IV.
Aderans Bringing Smiles to the World

as a "Wellness Company"

Hair comes in many different colors and shapes, with infinite varieties which can provide happiness all over the world. Aderans Group was founded in 1968 with the hope to "help solve customers who are worried about hair loss and bring smiles to their face". As our management vision is to "become a Good Company", we aim to bring smiles to faces, so they can fulfill their dreams and live full, happy lives and was able to achieve the 50 year anniversary milestone. We would like to help people who are worried about hair loss as much as possible.

Starting in Japan, we have been improving the Quality of Life (QoL) of the world in 19 countries and areas such as North America, Europe, and Asia by expanding our business globally as a total hair solution company. Some group companies from the United States include Bosley, Hair Club, Aderans Hair Goods (AHG), Amskor Industries, and Estetica.

We have started to walk a new path as we head towards the next 50 year mark. To have supply for the diversified demand, as a "Wellness Company" including hair-related, beauty and health, we would like to put the best smiles on faces and bring full, happy lives as a "World's Brand, Aderans".

*Please look at our Homepage for more information

Proving Dreams and Excitement by Promoting Overall Wellness Through our Hair-related, Beauty and Health Business

About Aderans’ CSR

The Aderans Group aim to use its strengths to make positive impacts on society with strategic CSR activities to unify the business. Some examples include “Love Charity”, which is an activity to gift custom-mades wigs to children who have lost their hair through medical treatment and put back smiles on their face, "Fontaine Green Forest Campaign", which is an eco-cycle system to collect unneeded wigs from customers and plant trees in forests, and Industry-University collaborated research for healthier hair and scalp. The number of activities is increasing yearly.

As a global company, it is essential to have global perspectives for social responsibility. Our company strive for our employees to have their own sense of social responsibility, playing an active role in various fields, and aim to become a Good Company full of CSR activities.

Medical Business with the Base of CSR Activities

In Japan, we have 30 in-hospital hair salons with a barrier-free environment with items such as Mobile Salon Chairs. This has been getting very high evaluation from people from the medical field. With Oita University, we conducted a joint research project on "Novel Alpha-Lipoic Acid Derivatives". This led to the creation of a scalp care lotion for patients with disease such as breast cancer who use medical treatment. Also, we have been conducting a joint research project with Osaka University for 15 years on the red LED light, which is known to be effective on hair growth.

CSR by integrating with core business

Strategic CSR

Responsibilities for Customer

Customer Satisfaction

Basic Responsibilities for Society

Compliance

We were able to reach the 50 year milestone thanks to you

https://www.aderans.co.jp/corporate/english/csr/
THE BRAND YOU CAN TRUST FOR YOUR PATIENTS

When it comes to quality & reliability, you can count on Capillus to deliver the same standard of excellence that your patients have come to trust from your practice. We know you put your trust in our hands and we don’t take it lightly.

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✔ USA MANUFACTURING ALLOWS US TO LISTEN TO YOUR FEEDBACK TO INNOVATE OUR PRODUCTS AND DELIVER SERVICE EXPEDITIOUSLY. YOU SPEAK, WE LISTEN. INNOVATIONS LIKE OUR PATENT-PENDING FLEXIBLE FIT & AUTO-TIMER ARE INSPIRED BY YOU.

✔ WE PROVIDE YOU WITH TOOLS & SERVICES TO EDUCATE YOUR PATIENTS & STAFF EASILY - ALL FREE OF CHARGE. WE CAN HELP EDUCATE YOUR STAFF ON THE BENEFITS OF LASER THERAPY SO THEY CAN RESPOND TO PATIENT INQUIRIES.

✔ CAPILLUS IS THE HAIR GROWTH SOLUTION PEOPLE ASK FOR BY NAME. LLLT IS STILL A RELATIVELY NEW OPTION FOR TREATING HAIR LOSS. WE WORK HARD TO LET PEOPLE KNOW WE EXIST. CAPILLUS IS SEEN ON AIRLINE MAGAZINES, ALL OVER THE INTERNET AND SOCIAL MEDIA, RADIO AND SOON EVEN TV!

✔ WE ARE CLINICALLY PROVEN WITH PUBLISHED TRIAL RESULTS. PUBLISHED IN THE DERMATOLOGIC JOURNAL OF SURGERY, TREATMENT WITH CAPILLUSPRO THERAPY AVERAGED AN INCREASE OF 51% MORE HAIR IN OVER 95% OF ACTIVE STUDY PARTICIPANTS.

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The ISHRS is the leader in high quality education for hair restoration surgeons. The ISHRS has achieved the highest level of accreditation to organize education for physicians from the renowned Accreditation Council for Continuing Medical Education.

www.27thannual.org