

NOV 13-16 | 27TH WORLD CONGRESS

ISHRS 2019
BANGKOK



TRIPLE CROWN



FUE FUT SMP

WORLD LIVE SURGERY WORKSHOP | NOV 16-17

FINAL PROGRAM GUIDE

27thannual.org



INTERNATIONAL SOCIETY OF HAIR RESTORATION SURGERY



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TABLE OF CONTENTS

3	CME Information
4	General Information
5	Program At-A-Glance
6	Floor Plan
7	Day-by-Day Program
8	Newcomers Program
8	Live Patient Viewing
8	Welcome Reception
13	Discussion Table Topics
16	M&M Conference
18	Gala & Awards Ceremony
19	Scientific Posters
20	Featured Guest Speakers
22	Basics Course
24	Advanced/Board Review Course
25	Surgical Assistants Program
26	Workshops
32	List of Faculty
33	Exhibits
39	World Live Surgery Workshop Welcome & Agenda
40	WLSW: Day-by-Day Program
44	WLSW: General Information
45	WLSW: Floor Plans
46	WLSW Acknowledgements
47	Things to do in Bangkok
50	Registration Categories & Fees
51	About the ISHRS

MESSAGE FROM THE ISHRS PRESIDENT & PROGRAM CHAIR

A warm welcome to the Land of Smiles and the 27th World Congress of the ISHRS!



Arthur Tykocinski, MD



Robin Unger, MD

After planning for over a year, we look forward to sharing with you in a robust educational experience over the next several days. Our faculty from around the world will share with you their knowledge and expertise about surgical best practices, cutting edge technology and research, and how to achieve the greatest results beyond surgery. There will be opportunities to ask questions and spirited debates in the answers.

Following the World Congress is the opportunity to see the concepts discussed in practice at the "Triple Crown" World Live Surgery Workshop of the ISHRS, presenting the best of FUT, FUE and SMP. Over fifty faculty members will be demonstrating their techniques of surgical planning, hairline design, donor excision, implantation and micro-tattooing of the scalp.

The city of Bangkok provides a vibrant and stimulating background for our Congress. We hope you will enjoy the Loy Krathong festival, as well as the sights, tastes and spirit of the bustling city throughout your time at the Congress.

The ISHRS continues to establish itself 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 you as friends, and hope those who are new to the field will find our meetings educational and enjoyable and will consider becoming a member of our beloved society.

Warmest regards,

Arthur Tykocinski, MD, FISHRS | BRAZIL
ISHRS President

Robin Unger, MD | USA
Program Chair, 2019 World Congress

FREE WIFI

ISHRS CONGRESS MOBILE APP

Network: Shangri-la Password: (none needed)



HOW TO DOWNLOAD

- GO TO** your phone's app store.
Download: **International Society of Hair Restoration Surgery**
- LAUNCH** the app. ISHRS2019 will be pre-populated.
Tap on download event button
- ENTER YOUR DETAILS.**
Tap Log in for more features.
Enter your first and last name where prompted, then tap Next. Enter an email address where you'd like your verification email sent, then tap Next one more time.
- VERIFY YOUR ACCOUNT.**
Exit the app and open your verification email to obtain your four-digit verification code.
Return to the app and enter the verification code.
Then tap Verify to log in to your mobile app



NO PHOTOGRAPHY & NO VIDEO RECORDING OF SCIENTIFIC SESSIONS

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



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 (ACCME) to provide continuing medical education for physicians.

The International Society of Hair Restoration Surgery designates this live activity for a maximum of 29.25 *AMA PRA Category 1 Credits™*. Physicians should claim only the credit commensurate with the extent of their participation in the activity.

Learning Objective (Overall) Evaluate techniques and methods in the many aspects of surgical hair restoration, medical therapy, and adjunctive treatments, for hair loss of various etiologies to yield optimal patient outcomes.

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 **e-mailed after the meeting**. Physicians will only receive a CME certificate if the CME Credits Claimed Form is completed.

EVALUATION SURVEYS

The CME Committee kindly requests 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.

RULES AND PROPER ETIQUETTE

The World Congress is an educational activity. Attendees are expected to maintain professional etiquette and extend proper courtesies. Inappropriate behaviors will not be condoned. The meeting should not be used as an opportunity for solicitation of other physicians' staff or other unethical, inappropriate, and distasteful activities. It may seem obvious, but it is inappropriate and rude to make negative or soliciting comments to the live patients in the various sessions. Negative or disparaging comments about a patient's results to the patient are offensive, psychologically hurtful, and violate our ethical commitment to "do no harm." Patients who agree to show their postoperative results, as well as the doctors who bring them, deserve our respect and support for their willingness to subject their results to scrutiny and contribute to our learning experience.

Soliciting business in the meeting rooms or meeting area hallways is prohibited. Only registered exhibitors, in the Exhibit Hall, may solicit business. There will be no distribution of handouts, flyers or promotional items other than the official Abstract Book and workshop/course handouts, or other than exhibitor items in the exhibit hall. Any handout or flyer intended for the handout table by the registration desk must be pre-approved by the ISHRS Executive Director. Any unapproved handouts will be removed and discarded. Inappropriate postings on the message boards will be removed and discarded.

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

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

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

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, of the World Congress sessions. All property rights in the material presented, including common law copyright, are expressly reserved to the presenter or to the ISHRS. The sessions may be audio, videotaped, or photographed by the ISHRS.

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

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

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

THANK YOU

CORPORATE SUPPORT

We gratefully recognize the contributions of our commercial supporters.

GRANTS

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IN-KIND

A to Z Surgical	Ellis Instruments
Aderans/Bosley	Ertip
Beauty Medical	Finishing Touches Group
Cole Instruments	Tejco
Devroye Instruments	Trivellini Tech

ISHRS WORLD CONGRESS & WORLD LIVE SURGERY WORKSHOP SCHEDULE

JUNE 10-14 • 2020	OCTOBER 21-24 • 2020	OCTOBER 20-23 • 2021
EURO2020 European World Live Surgery Workshop ATHENS, GREECE	28TH WORLD CONGRESS PANAMA CITY, PANAMA Westin Playa Bonita Hotel	29TH WORLD CONGRESS LISBON, PORTUGAL Congress Centre Lisboa



CONGRESS HOTEL AND MEETING LOCATION

SHANGRI-LA HOTEL BANGKOK

89 Soi Wat Suan Plu, New Road
Bangrak, Bangkok 10500, Thailand

PHONE + (66 2) 236 7777

EMAIL slbk@shangri-la.com

Details about accommodations, rates, and reservations can be found at:
<https://27thannual.org/hotel/>

Check-in time: 2:00PM • Check-out time: 12:00PM

AIRPORT & GROUND TRANSPORTATION INFORMATION

The Shangri-La Bangkok Hotel is located approximately a 40-minute drive from Suvarnabhumi International Airport (airport code BKK).

Taxis One-way taxi fares between the hotel and airport (BKK) range from 400-500 THB plus tip, depending on traffic. When you enter the taxi, tell the driver to run the meter to avoid paying a higher flat fee that they may quote to you. It's also a good idea to have a print out with your hotel address as some taxi drivers speak little English and don't necessarily know where everything is. Normal taxis accept only cash unless they have a credit card account with Uber or Grab taxi in which case they can accept both credit cards and cash. Be sure to have small notes to pay as they often don't have change.

Uber and Grab Taxi For those who prefer to use these private ridesharing services, Uber and Grab Taxi (a Southeast Asia ride share service) both operate in Bangkok and serve the airport.

Hotel Cars The Shangri-La Hotel Bangkok offers airport transfers via sedan and van. Prices start at 3,200 THB each way (subject to increase) depending on vehicle type, number of passengers, and time of travel. For further information and to book hotel airport transportation, contact the hotel concierge. For more travel information on Bangkok, Thailand, please visit our website:
<https://27thannual.org/travel-information/>

GENERAL INFORMATION

WEATHER November temperatures in Bangkok are between a high of 90°F (32°C) and a low of 77°F (24°C). There are about 5 days of rain in November as it is at the end of their rainy season, so it is wise to pack an umbrella.

MEETING ATTIRE The attire for the educational sessions is business. Attire at the Gala is black tie (evening gowns and suits/tuxedos). If you prefer, as a tradition of the ISHRS, you may wear a costume reflective of your native country for the Gala.

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



THANK YOU TO Kafuring
Microneedle Hair Transplant
Medical Group for sponsoring the
simultaneous translation

PERSONS WITH DISABILITIES The ISHRS fully complies with the legal requirements of the Americans with Disabilities Act (ADA) and the rules and regulations thereof. If any participant in this educational activity is in need of support services, please notify the ISHRS Headquarters Office at +1-630-262-5399 or info@ishrs.org as soon as possible, and preferably before October 18, 2019.

CANCELLATION/REFUND POLICY Registration fees, less a \$100 USD administration fee, will be refunded upon written notice of cancellation to the ISHRS office received on or before October 18, 2019. After October 18, 2019, 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.

NO BADGE SWAPPING POLICY You may not swap badges with other persons. 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 USD 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 \$25 USD will be charged for the first reprint of lost or misplaced badges. A second reprint will incur a penalty fee of \$100 USD. Badges will not be printed a third time.

BADGES An official ISHRS-issued badge for the 27th World Congress is required to enter the World Congress. An official ISHRS-issued badge for the WLSW is required to enter the WLSW on Saturday (lectures and breakouts at the hotel) and Sunday (to board the bus, and to enter the hospital for the surgeries). Alterations and tampering with badges is prohibited and subject to the No Badge Swapping Policy.

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 Surgical Assistants Program
- Wednesday WLSW Pre-Course
- Thursday Newcomers Orientation & Speed Networking
- Friday Workshops
- Friday M&M Conference
- Saturday Gala & Awards Ceremony
- Simultaneous Interpretation Headset
- Saturday World Live Surgery Workshop Lunch

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.

ASKING QUESTIONS IN THE SESSIONS

Attendees are encouraged to ask questions from the floor microphones during designated Q&A periods.

New this year!

Attendees may anonymously submit a question via the Congress App.

To submit your question:

- Open the session detail for the session in which you wish to ask a question
- Tap "Submit a question"
- Type out your question and indicate for which speaker, if applicable
- Tap "Submit" when complete

TUESDAY | November 12, 2019

3:00PM-7:00PM **Registration**
Ballroom Foyer LOBBY LEVEL (LEVEL 2)

3:00PM-8:00PM **Speaker Ready Room**
Ante Room LOBBY LEVEL (LEVEL 2)

WEDNESDAY | November 13, 2019

6:00AM/6:30AM **Breakfast On Own**
Attendees should eat breakfast on their own prior to coming to the sessions

6:30AM-6:00PM **Speaker Ready Room**
Ante Room LOBBY LEVEL (LEVEL 2)

7:00AM-6:00PM **Registration**
Ballroom Foyer LOBBY LEVEL (LEVEL 2)

8:00AM-3:30PM **ISHRS Board of Governors Meeting**
(invitation only) THE STUDY, LEVEL 1

8:00AM-5:30PM **401: Basics Course**
Valley Room LEVEL 1

8:00AM-5:30PM **402: Advanced/Board Review Course**
Next2 Chao Phraya Room LEVEL 1

8:00AM-12:00PM **403: Surgical Assistants Program**
Corundum LEVEL 3

12:00PM-8:00PM **Exhibitor Set-up**
Ballroom 3 & Ballroom Foyer LOBBY LEVEL (LEVEL 2)

12:45PM-5:10PM **404: World Live Surgery Workshop (WLSW) Pre-Course**
Corundum LEVEL 3

5:00PM-5:30PM **Meeting of the General Session Moderators**
(invitation only) Ballroom 2 LOBBY LEVEL (LEVEL 2)

5:30PM-7:00PM **Global Council Meeting**
(invitation only) The Study LEVEL 1

6:00PM-7:30PM **Ancillary Meeting: ABHRS Recertification Exam**
Indonesia 1 KRUNGTHAP WING

THURSDAY | November 14, 2019

6:00AM/6:30AM **Breakfast On Own**
Attendees should eat breakfast on their own prior to coming to the sessions

7:00AM-6:30PM **Registration**
Ballroom Foyer LOBBY LEVEL (LEVEL 2)

7:15AM-8:15AM **Newcomers Orientation & Speed Networking**
Next2 Chao Phraya Room LEVEL 1

7:30AM-6:00PM **Speaker Ready Room**
Ante Room LOBBY LEVEL (LEVEL 2)

7:30AM-9:00AM **Coffee Available**
Ballroom 3 & Ballroom Foyer LOBBY LEVEL (LEVEL 2)

7:30AM-8:00PM **Exhibits Viewing**
Ballroom 3 & Ballroom Foyer LOBBY LEVEL (LEVEL 2)

7:30AM-8:00PM **E-Poster Viewing**
Ballroom 3 LOBBY LEVEL (LEVEL 2)

8:30AM-6:30PM **GENERAL SESSION**
Ballroom 2 LOBBY LEVEL (LEVEL 2)

8:30AM-6:30PM **Live Stream of General Session**
Garden Gallery LEVEL 1

10:00AM-10:30AM **Coffee Break & Visit Exhibits**
Ballroom 3 & Ballroom Foyer LOBBY LEVEL (LEVEL 2)

12:00PM-1:45PM **Lunch Break**
Box lunch pick-up 11:30am-1:00pm
Ballroom Foyer catering areas & Ballroom 3

12:00PM-1:15PM **Live Patient Viewing**
Corundum LEVEL 3

12:15PM-1:30PM **Fight the FIGHT- What You Can Do! Roundtable Open Meeting**
The Study LEVEL 1

12:15PM-1:45PM **FUE Advancement Committee Meeting**
(invitation only) Chairman's Room LEVEL 1

3:00PM-4:15PM **Forum Editors Meeting**
(invitation only) The Study LEVEL 1

3:30PM-4:30PM **Surgical Assistants Committee Meeting**
(invitation only) Chairman's Room LEVEL 1

3:45PM-4:30PM **Coffee Break & Visit Exhibits**
Ballroom 3 & Ballroom Foyer LOBBY LEVEL (LEVEL 2)

6:30PM-8:00PM **Welcome Reception**
Ballroom 3 & Ballroom Foyer LOBBY LEVEL (LEVEL 2)

7:30PM-8:30PM **European Branch Reunion Open Meeting**
Valley Room LEVEL 1

FRIDAY | November 15, 2019

6:00AM/6:30AM **Breakfast On Own**
Attendees should eat breakfast on their own prior to coming to the sessions

7:15AM-6:30PM **Registration**
Ballroom Foyer LOBBY LEVEL (LEVEL 2)

7:30AM-8:30AM **Discussion Table Topics**
Garden Gallery, The Study, Valley Room LEVEL 1 and Corundum LEVEL 3
Coffee available

8:15AM-6:15PM **Speaker Ready Room**
Ante Room LOBBY LEVEL (LEVEL 2)

8:15AM-6:15PM **Exhibits Viewing**
Ballroom 3 & Ballroom Foyer LOBBY LEVEL (LEVEL 2)

8:15AM-6:15PM **E-Poster Viewing**
Ballroom 3 LOBBY LEVEL (LEVEL 2)

8:15AM-9:15AM **Coffee Available**
Ballroom 3 & Ballroom Foyer LOBBY LEVEL (LEVEL 2)

9:00AM-6:00PM **GENERAL SESSION**
Ballroom 2 LOBBY LEVEL (LEVEL 2)

9:00AM-6:00PM **Live Stream of General Session**
Garden Gallery LEVEL 1

10:30AM-11:00AM **Coffee Break & Visit Exhibits**
Ballroom 3 & Ballroom Foyer LOBBY LEVEL (LEVEL 2)

12:00PM-12:30PM **Box Lunch Pick-up**
Ballroom Foyer catering areas & Ballroom 3

WORKSHOP BANK 1

ALL CATEGORIES **101: Consumer Hair Care Products: How to Maximize Post-Surgical Hair**
The Study LEVEL 1

PHYSICIAN ONLY **102: FUE Tools & Techniques**
Corundum LEVEL 3

PHYSICIAN ONLY **103: Cicatricial Alopecias**
Garden Gallery LEVEL 1

PHYSICIAN ONLY **104: Non-Surgical- Medications**
Valley Room LEVEL 1

ALL CATEGORIES **105: SMP**
Ballroom 2 LOBBY LEVEL (LEVEL 2)

2:00PM-2:45PM **Coffee Break & Visit Exhibits**
Ballroom 3 & Ballroom Foyer LOBBY LEVEL (LEVEL 2)
Additional coffee available until 3:00PM on Levels 1 and 3 near workshops room

WORKSHOP BANK 2

PHYSICIAN ONLY **111: The Recipient Area: Incision Making and Graft Placing**
Valley Room LEVEL 1

PHYSICIAN ONLY **112: FUT: Techniques to Create a Narrow Scar**
The Study LEVEL 1

PHYSICIAN ONLY **113: Implanters**
Garden Gallery LEVEL 1

PHYSICIAN ONLY **114: Beard and Body Hair Transplants**
Corundum LEVEL 3

ALL CATEGORIES **115: Stem Cells**
Ballroom 2 LOBBY LEVEL (LEVEL 2)

#ISHRS2019

4:15PM-4:45PM **Coffee Break & Visit Exhibits**
Ballroom 3 & Ballroom Foyer LOBBY LEVEL (LEVEL 2)

6:00PM-8:30PM **121: ISHRS & ABHRS M&M Conference**
Corundum LEVEL 3

6:15PM-10:00PM **WLSW Operating Surgeons Meeting**
(invitation only) Hospital

SATURDAY | November 16, 2019

6:00AM/6:30AM **Breakfast On Own**
Attendees should eat breakfast on their own prior to coming to the sessions

6:30AM-7:45PM **CME Committee Meeting**
(invitation only) The Study LEVEL 1

7:30AM-4:30PM **Registration**
Ballroom Foyer LOBBY LEVEL (LEVEL 2)

7:30AM-3:00PM **Speaker Ready Room**
Ante Room LOBBY LEVEL (LEVEL 2)

7:30AM-12:30PM **Exhibits Viewing**
Ballroom 3 & Ballroom Foyer LOBBY LEVEL (LEVEL 2)

7:30AM-12:30PM **E-Poster Viewing**
Ballroom 3 LOBBY LEVEL (LEVEL 2)

7:30AM **Coffee Available**
Ballroom 3 & Ballroom Foyer LOBBY LEVEL (LEVEL 2)

8:00AM-12:00PM **GENERAL SESSION**
Ballroom 2 LOBBY LEVEL (LEVEL 2)

9:30AM-10:00AM **Coffee Break & Visit Exhibits**
Ballroom 3 & Ballroom Foyer LOBBY LEVEL (LEVEL 2)

10:00AM-11:00AM **ISHRS General Membership Business Meeting & Awards**
Ballroom 2 LOBBY LEVEL (LEVEL 2)

12:00PM **World Congress Adjourns**

12:00PM-12:30PM **Last Chance to Visit Exhibits**

12:00PM-12:30PM **ISHRS Board of Governors Meeting**
(invitation only) The Study LEVEL 1

12:00PM-12:45PM **WLSW: Attendee Lunch Box**
The Tea Lounge LEVEL 1

12:30PM-2:30PM **Exhibits Dismantle**

12:45PM-1:15PM **WLSW: Review of Cases**
Ballroom 2 LOBBY LEVEL (LEVEL 2)

1:15PM-2:50PM **WLSW: Scalp Micropigmentation**
Ballroom 2 LOBBY LEVEL (LEVEL 2)

3:00PM-6:30PM **WLSW: Small Group Breakouts**

FUE The Study LEVEL 1

FUT Valley Room LEVEL 1

SMP Garden Gallery LEVEL 1

7:30PM-1:00AM **Gala Dinner/Dance & Awards Ceremony**
Ballroom 1-3 LOBBY LEVEL (LEVEL 2)

SUNDAY | November 17, 2019 | WLSW

6:00AM/6:30AM **Breakfast On Own**
Attendees should eat breakfast on their own prior to coming to the sessions

7:00AM-8:30AM **Satellite WLSW Registration Desk**
Ballroom Foyer LOBBY LEVEL (LEVEL 2)

7:00AM **WLSW Faculty & Exhibit Bus Departs**
From hotel to hospital

8:30AM **WLSW Attendee Bus Departs**
From hotel to hospital

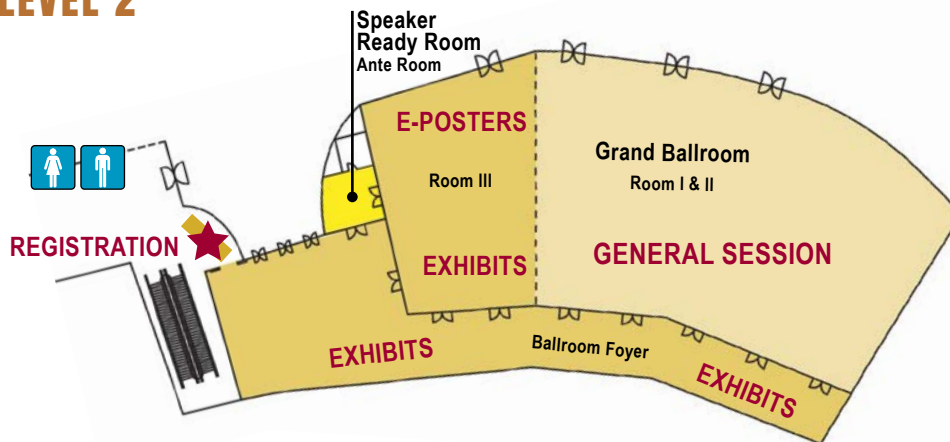
9:00AM-4:00PM **WLSW Live Patient Cases**
Hospital

SHANGRI-LA WING

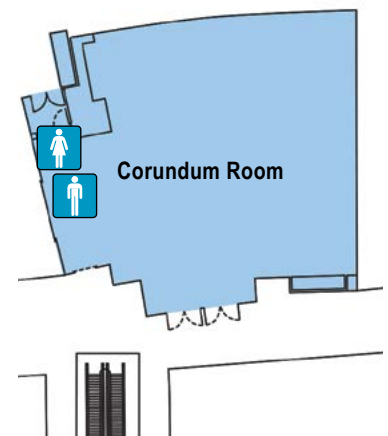
KRUNGTHEP WING



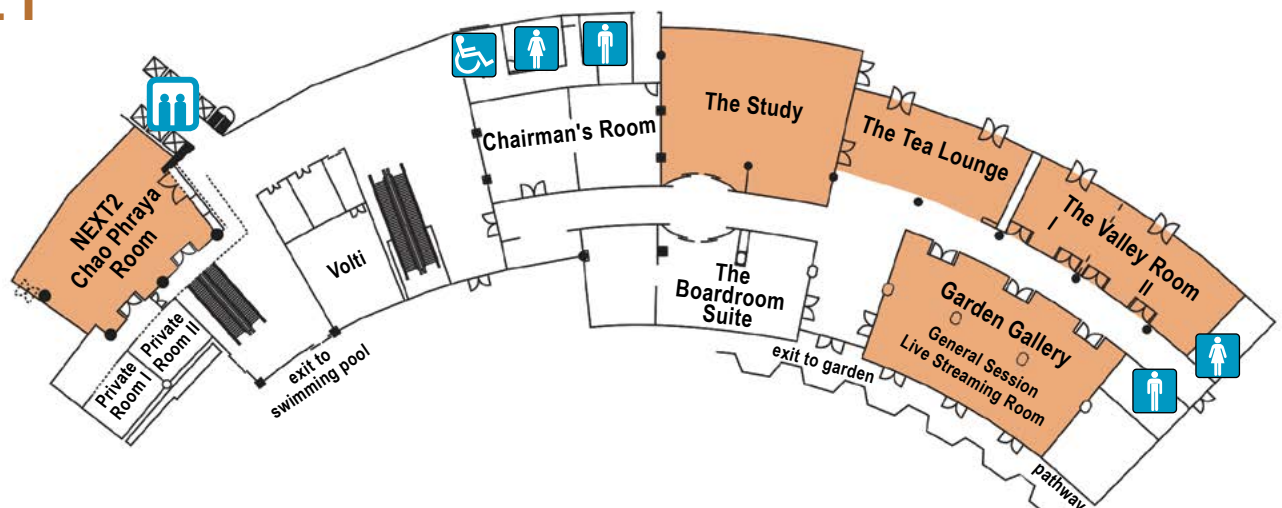
LOBBY LEVEL LEVEL 2



LEVEL 3



LEVEL 1



DAY-BY-DAY PROGRAM

TUESDAY NOVEMBER 12, 2019

3:00PM-7:00PM **Registration** | Ballroom Foyer, Lobby Level (Level 2)
3:00PM-8:00PM **Speaker Ready Room** | Ante Room, Lobby Level (Level 2)

WEDNESDAY NOVEMBER 13, 2019

6:30AM-6:00PM **Speaker Ready Room** | Ante Room, Lobby Level (Level 2)
7:00AM-6:00PM **Registration** | Function Foyer, Lobby Level (Level 2)
8:00AM-3:30PM **ISHRS Board of Governors Meeting** (invitation only) | The Study, Level 1
8:00AM-5:30PM **401: Basics Course** | Valley Room, Level 1
8:00AM-5:30PM **402: Advanced/Board Review Course** | Next2 Chao Phraya Room, Level 1
8:00AM-12:00PM **403: Surgical Assistants Program** | Corundum, Level 3
12:00PM-8:00PM **Exhibitor Set-up** | Ballroom 3 & Ballroom Foyer, Lobby Level (Level 2)
12:45PM-5:10PM **404: World Live Surgery Workshop (WLSW) Pre-Course** | Corundum, Level 3
5:00PM-5:30PM **Meeting of the General Session Moderators** | Ballroom 2, Lobby Level (Level 2)
5:30PM-7:00PM **Global Council Meeting** (invitation only) | The Study, Level 1
6:00PM-7:30PM **Ancillary Meeting: ABHRS Recertification Exam** | Indonesia 1 (Krungthep Wing)

ABHRS | American Board Of Hair Restoration Surgery

ABHRS Primary Exam & Recertification Exam

FOR FURTHER INFORMATION AND
TO REGISTER, CONTACT:
Peter B. Canalia, JD, Executive Director
American Board of Hair Restoration Surgery (ABHRS)
8840 Calumet Avenue, Suite 205
Munster, IN 46321 USA
TEL 1-219-836-5858 • FAX 1-219-836-5525
E-MAIL abhers@sbcglobal.net • www.ABHRS.org

ABHRS PRIMARY EXAMINATION

TUESDAY • NOVEMBER 12, 2019
7:30AM-5:00PM
SHANGRI-LA BANGKOK HOTEL
Krungthep Wing • Myanmar Room
3RD FLOOR

For those interested in first time certification,
please obtain additional details at:

[http://www.abhrs.com/
certification-process](http://www.abhrs.com/certification-process).

ABHRS RECERTIFICATION EXAMINATION

WEDNESDAY • NOVEMBER 13, 2019
6:00PM-7:30PM
SHANGRI-LA BANGKOK HOTEL
Krungthep Wing • Indonesia 1
3RD FLOOR

For those ABHRS Diplomates who were board
certified in 2009 or 2010, in order to maintain
certification you must register/apply for the
Recertification Exam. Details may be found at:

<http://www.abhrs.com/recertification>.

NOTE: : This information is being printed as a courtesy. The ABHRS is a separate organization than the
ISHRS. All questions and registrations for the ABHRS should be directed to the ABHRS.

LIVE PATIENT VIEWING



R. Panchaprateep, MD, PhD



Glenn Charles, DO

Corundum LEVEL 3

DATE Thursday | November 14, 2019

TIME 12:00PM-1:15PM

FEE No extra charge.

LEVEL All levels. All categories.

Chair: Ratchathorn Panchaprateep, MD, PhD, FISHSR | Thailand

Co-Chair: Charles, DO, FISHSR | USA

The Live Patient Viewing is one of the most important sessions of the ISHSR World Congresses. It is an opportunity for attendees to see live results of hair restoration surgical procedures from a variety of surgeons. The format includes the operating surgeon standing next to their patient(s). 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.

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."

Doctors Presenting Patients

Mohammed Abas, MD Sweden	Damkerng Pathomvanich, MD, FISHSR Thailand
Benjawan Butwong, MD Thailand	Mohsen Pirooz Hashemi, MD Iran
Kongkiat Laorwong, MD, FISHSR Thailand	Ronald L. Shapiro, MD, FISHSR USA
Xingdong Li, MBBS China	Chinmanat Tangjaturonrusamee, MD Thailand
Kotchamol Manonukul, MD Thailand	Rattapon Thuangtong, MD Thailand
Bertram M. Ng, MBBS, FISHSR Hong Kong	Anastasios Vekris, MD Greece
Ratchathorn Panchaprateep, MD, PhD, FISHSR Thailand	Lina You, MD China

Fight The FIGHT

ROUNDTABLE OPEN MEETING

The Study LEVEL 1

DATE Thursday | November 14, 2019

TIME 12:15PM-1:30PM

FEE No extra fee required.

LEVEL All levels. All categories.

Help us "Fight the Fraudulent, Illicit + Global Hair Transplants." Come and learn what you can do to help this important campaign. Share ideas with colleagues and tell about your experiences. Bring your box lunch.

WELCOME RECEPTION



Exhibit Area

DATE Thursday | November 14, 2019

TIME 6:30PM-8:00PM

FEE No extra fee required.



Paul C. Cotterill, MD

ISHRS MEETING NEWCOMERS PROGRAM

Next2 Chao Phraya Room LEVEL 1

DATE Thursday | November 14, 2019

TIME 7:15AM-8:15AM *coffee only*

FEE No extra fee required.

Pre-registration is mandatory.

A ticket is required to enter.

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 ISHSR members.

NEWCOMERS ORIENTATION & SPEED NETWORKING SESSION

The Newcomers Orientation & Speed Networking Session will provide an overview about the ISHSR 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 ISHSR members. It is a wonderful opportunity to meet new people, ask questions, and become more familiar with what the ISHSR has to offer.

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 focused conversations lasting around 5 minutes each. We are using speed networking to help you forge new connections among your ISHSR 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 assigned tables. The Host sitting nearest you is your first partner. You spend no more than 5 minutes with each Host before the bell/horn/whistle indicates that time is up and the Hosts are asked to move their seat to speak with the next group of newcomers. The goal is to accomplish 5-6 rotations.

Just like speed dating, but without the anxiety. The program gives newcomers the opportunity to meet ISHSR members and network with other colleagues.



6:00AM/6:30AM	Breakfast On Own Attendees should eat breakfast on their own prior to coming to the sessions
7:00AM-6:30PM	Registration Ballroom Foyer, Lobby Level (Level 2)
7:30AM-6:00PM	Speaker Ready Room Ante Room, Lobby Level (Level 2)
7:30AM-9:00AM	Coffee Available Ballroom 3 & Ballroom Foyer, Lobby Level (Level 2)
7:30AM-8:00PM	Exhibits Viewing Ballroom 3 & Ballroom Foyer, Lobby Level (Level 2)
7:30AM-8:00PM	E-Poster Viewing Ballroom 3, Lobby Level (Level 2)
7:15AM-8:15AM	Newcomers Orientation & Speed Networking Next2 Chao Phraya Room, Level 1 [Coffee only being served, attendees should eat breakfast before coming to the session]
8:30AM-6:30PM	GENERAL SESSION Ballroom 2, Lobby Level (Level 2)
8:30AM-6:30PM	Live Stream of General Session Garden Gallery, Level 1

SESSION 1

8:30AM-10:00AM		General Session: Opening Session	
8:30AM-8:40AM	10 001	Welcome & Introduction Robin Unger, MD, Program Chair USA	
8:41AM-8:43AM	2 002	Introduction of Stough Lecture Debut Sungjoo (Tommy) Hwang, MD, PhD, FISHS, Immediate Past President South Korea	
8:44AM-9:04AM	20 003	STOUGH LECTURE Allogeneic Hair Transplantation: Current Status FEATURED GUEST SPEAKER Ohsang Kwon, MD, PhD South Korea	
9:05AM-9:15AM	10 004	Important Indications for FUT Robert H. True, MD, MPH, FISHS USA	
9:16AM-9:45AM	29	Fight the Fight (Black Market Campaign) – Why You Should Care	
9:16AM-9:26AM	005	Arthur Tykocinski, MD, FISHS, President Brazil	
9:27AM-9:28AM	006	Patient Stories Shady El-Magraby, MD Egypt	
9:29AM-9:30AM	007	Konstantinos Anastassakis, MD, PhD, FISHS Greece	
9:31AM-9:32AM		Marie Andree Schambach, MD Guatemala	
9:33AM-9:39AM	008	FIGHT Turnkey Model Ricardo Mejia, MD USA Paul J. McAndrews, MD, FISHS USA	
9:40AM-9:45AM		What You Can Do to Fight the FIGHT Arthur Tykocinski, MD, FISHS and Panel	
9:46AM-10:00AM	14 009	Navigating the Conference App & Housekeeping Notes Victoria Ceh, MPA, ISHS Executive Director USA	
10:00AM-10:30AM		Coffee Break & Visit Exhibits Ballroom 3 & Ballroom Foyer, Lobby Level (Level 2)	

THURSDAY

SESSION 2

10:30AM-12:00PM

General Session: Making Your Grafts Count – The Art of Hair Restoration Surgery: Recipient Area Design and Implementation

10:30AM-10:32AM	2	Moderator Introduction
	010	Bessam K. Farjo, MBChB, FISHRS United Kingdom
10:33AM-10:40AM	7	Long Term Planning
	011	Walter Unger, MD USA [Sharon A. Keene, MD, FISHRS USA]
10:41AM-10:49AM	8	Hairline Design
	012	Ronald L. Shapiro, MD, FISHRS USA
10:50AM-10:58AM	8	What Not to Do, Mistakes in Surgical Planning
	013	Paul J. McAndrews, MD, FISHRS USA
10:59AM-11:07AM	8	Efficacy of Autologous Hair Transplantation in Women with Endocrine-Therapy Induced Alopecia
	014	Pierre Bouhanna, MD, FISHRS France
11:08AM-11:16AM	8	Making Your Grafts Count
	015	Robin Unger, MD USA
11:17AM-11:25AM	8	Hairline Lowering/Forehead Reduction Surgery: Outcomes Review of 50 Cases
	016	Jeffrey S. Epstein, MD, FISHRS USA
11:26AM-11:34AM	8	SMP to Complement Surgical Outcome
	017	Sara M. Wasserbauer, MD, FISHRS USA
11:35AM-11:43AM	8	Preview Long Hair with FUE
	018	Luis R. Trivellini, MD, FISHRS Paraguay
11:44AM-12:00PM	16	Questions & Answers

11:30AM

Exhibitors suggested to eat [eat in exhibit area or Garden Gallery, Level 1]

12:00PM-1:45PM

Lunch Break | Box lunch pick-up from 11:30AM-1:00PM in Ballroom Foyer catering areas and Ballroom 3. Tables available for eating on Level 1 in: Next2 Chao Phraya Room, Garden Gallery, Valley Room, The Study

Free time during lunch break to do the following: eat lunch, visit Live Patient Viewing, exhibits, e-posters, attend Fight the FIGHT Round Table Open Meeting

12:00PM-1:15PM

Live Patient Viewing | Corundum, Level 3

12:15PM-1:30PM

Fight the FIGHT- What You Can Do! Roundtable Open Meeting | The Study, Level 1

12:15PM-1:45PM

FUE Advancement Committee Meeting (invitation only) | Chairman's Room, Level 1

SESSION 3

2:00PM-3:45PM

General Session: Donor Area Assessment, Planning, and Execution

2:00PM-2:05PM	5	Moderator Introduction
019		James A. Harris, MD, FISHRS USA
2:06PM-2:12PM	6	Strip Harvest Technique Pearls
020		Damkerng Pathomvanich, MD, FISHRS Thailand
2:13PM-2:20PM	7	FUE vs. FUT: Donor Management and Total Graft Availability. A Side-by-Side Study of 2 Patients Undergoing Multiple Routine Hair Transplantations
021		David S. Josephitis, DO, FISHRS USA
2:21PM-2:27PM	6	Residual Density – The Parameter for Excising the Scalp Grafts in FUE?
022		Kapil Dua, MBBS, MS India
2:28PM-2:34PM	6	MED SHALLOW FUT - Minimal Excision Depth Bulb Level Donor Strip
023		Marcelo Pitchon, MD Brazil
2:35PM-2:42PM	7	Long Hair vs. Shaved Hair FUE: Comparing Graft Quality and Coverage Management
024		Marie Schambach, MD Guatemala
2:43PM-3:00PM	17	Will Performing Hair Transplant Surgeries Cripple You? Musculoskeletal Disorders (MSD) – Symptoms, Causes and Treatment
		FEATURED GUEST SPEAKER
025		Janet Nelson, MS, ASCM USA
3:01PM-3:07PM	6	Assessment of Safe Donor Zone of Scalp and Beard for FUE (Follicular Unit Extraction) in Indian Men: A Study of 580 Cases
026		Rahul Krishna Kota, MD India
3:08PM-3:15PM	7	Evaluation of the Safety and Validity of Large-scale Beard Extraction via FUE for Treating Extensive Hair Loss
027		Yong Miao, PhD China
3:16PM-3:22PM	6	Automatic Calculation of Hair Diameter Index
028		Georgios Zontos, MD, MSc, PhD, FISHRS Denmark
3:23PM-3:45PM	22	Questions & Answers

3:00PM-4:15PM

Forum Editors Meeting (invitation only) | The Study, Level 1

3:30PM-4:30PM

Surgical Assistants Committee Meeting (invitation only) | Chairman's Room, Level 1

3:45PM-4:30PM

Coffee Break & Visit Exhibits | Ballroom 3 & Ballroom Foyer, Lobby Level (Level 2)



THURSDAY

SESSION 4

4:30PM-5:30PM

General Session: Current Hair Follicle and Stem Cell Research

4:30PM-4:32PM	2	Moderator Introduction
	029	Francisco Jimenez, MD, FISHRS Spain
4:33PM-4:53PM	20	NORWOOD LECTURE
		Adipose Derived Stem Cells: Where Are They From and What Are They Doing for the Hair Follicle?
		FEATURED GUEST SPEAKER
	030	Gillian Westgate, PhD United Kingdom
4:54PM-5:02PM	8	A Review of the First FDA Approved Study on Regenerative (Stem) Cells for Hair Loss - What Have We Learned?
	031	Gorana Kuka-Epstein, MD Serbia
5:03PM-5:09PM	6	Methods for Deriving Hair Follicle Containing Sheets In Vitro
	032	Craig L. Ziering, DO, FISHRS USA
5:10PM-5:17PM	7	The Experience of Using Autologous Scalp Tissue Micrograft Obtained with Rigena Technology for Hair Restoration
	033	Ratchathorn Panchaprateep, MD, PhD, FISHRS Thailand
5:17PM-5:30PM	13	Questions & Answers

SESSION 5

5:30PM-6:30PM

General Session: Specialized FUE Topics

5:30PM-5:32PM	2	Moderator Introduction
	034	Alex Ginzburg, MD, FISHRS Israel
5:33PM-5:40PM	7	Platelet Rich Plasma for FUE Donor Site Healing, a Randomized Controlled Trial
	035	Sah Gaurang Krishna, MD, MBBS India
5:41PM-5:47PM	6	Artistic Use of Beard and Chest Hair to Enhance the Aesthetic Results of Hair Transplant
	036	Seema Garg, MBBS, MSc India
5:48PM-5:54PM	6	How I Do 3000 Grafts NS-FUE Megasession in 1 Day
	037	Jae Hyun Park, MD, PhD South Korea
5:55PM-6:01PM	6	Follicular Unit Grafting for Massive Burns: A Case Report
	038	Fanfan Chen, MD China
6:02PM-6:08PM	6	Comparison Between Different FUE Machines
	039	Mauro Speranzini, MD Brazil
6:09PM-6:15PM	6	FUE Harvesting: Donor Site Management, Surgical Technique Considerations
	040	Geza Sikos, MD Hungary
6:15PM-6:30PM	15	Questions & Answers

6:30PM-8:00PM

Welcome Reception | Exhibit area

7:30PM-8:30PM

European Branch Reunion Open Meeting | The Study, Level 1

This meeting is to discuss the concept of establishing a European Branch of the ISHRS. ISHRS Members from Europe are welcome to attend.

6:00AM-6:30AM	Breakfast On Own
7:15AM-6:30PM	Registration Ballroom Foyer, Lobby Level (Level 2)
7:30AM-8:30AM	Discussion Table Topics Garden Gallery, The Study, Valley Room, Level 1; and Corundum, Level 3 [Coffee available]
8:15AM-6:15PM	Speaker Ready Room Ante Room, Lobby Level (Level 2)
8:15AM-6:15PM	Exhibits Viewing Ballroom & Ballroom Foyer, Lobby Level (Level 2)
8:15AM-6:15PM	E-Poster Viewing Ballroom 3, Lobby Level (Level 2)
8:15AM-9:15AM	Coffee Available Ballroom 3 & Ballroom Foyer, Lobby Level (Level 2)
9:00AM-6:00PM	GENERAL SESSION Ballroom 2, Lobby Level (Level 2)
9:00AM-6:00PM	Live Stream of General Session Garden Gallery, Level 1

DISCUSSION TABLE TOPICS

Garden Gallery, The Study, Valley Room LEVEL 1
& Corundum LEVEL 3

DATE	Friday November 15, 2019
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.

LOCATION: The Study LEVEL 1	
01 FUE from Body	David S. Josephitis, DO, FISHRS USA Marie A. Schambach, MD Guatemala
02 Complications from FUE - Dangers and Corrections	Shady El-Maghraby, MD, MSc Egypt Tueboon Sriphojanart, MD Thailand
03 Preview Long Hair FUT and FUE	Marcelo Pitchon, MD Brazil Jae Hyun Park, MD South Korea
04 Comparison of Different Punches for FUE (Non-CME)	Jean M. Devroye, MD, FISHRS Belgium Patrick Mwamba, MD USA
05 Spanish Language Table: Perfecting Your FUE Techniques (Non-CME)	Alex Ginzburg, MD, FISHRS Israel Luis Roberto Trivellini, MD Paraguay
06 Unshaven Long Hair FUE (Non-CME)	Otavio Boaventura, MD Brazil Shalini Malhotra, MBBS, MD India

LOCATION: Valley Room LEVEL 1	
07 Eyebrow and Facial Hair Transplant	Marc S. Dauer, MD USA Kapil Dua, MBBS, MS, FISHRS India
08 Female Hair Restoration	Pierre Bouhanna, MD, FISHRS France Kuniyoshi Yagyu, MD, FISHRS Japan
09 African Hair Challenges	Emorane C. Lupanzula, MD Belgium Nicole E. Rogers, MD, FISHRS USA
10 Dermoscopy and Scarring Alopecia Strategies	Carlos J. Puig, DO, FISHRS USA Ratchathorn Panchaprateep, MD, PhD, FISHRS Thailand
11 Latest in Medical Treatments; Topical and Oral	Robert S. Haber, MD, FISHRS USA Mario Marzola, MBBS Australia
12 PRP and Stem Cells	Gillian Westgate, PhD United Kingdom Gorana Kuka-Epstein, MD Serbia

LOCATION: Garden Gallery LEVEL 1	
13 Recipient Design	Parsa Mohebi, MD, FISHRS USA Angeline Yong Anning, MBBS Singapore
14 Implantation Specifics	Anastasios Vekris, MD Greece Ken L. Williams Jr. DO, FISHRS USA
15 Implanters	Mauro Speranzini, MD Brazil Francisco Jimenez, MD, FISHRS Spain
16 Perfecting the Scar from FUT	Greg Williams, MBBS, FISHRS United Kingdom Sharon A. Keene, MD, FISHRS USA
17 Techniques to Improve FUT Excisions	Michael Chang, DO USA Konstantinos Anastassakis, MD, PhD, FISHRS Greece
18 Indications for FUE or FUT - Making the Decisions Responsibly	Ronald L. Shapiro, MD, FISHRS USA Wen Yi Wu, MD, FISHRS Taiwan
19 FUE and FUT in Planning for Longer Term Aesthetics	Russell Knudsen, MBBS, FISHRS Australia Muhammad Ahmad, MD Pakistan

LOCATION: Corundum LEVEL 3	
20 Making the Most of Your Hair - Pearls	Thomas Dawson, PhD Singapore Sara L. Salas, MD Mexico
21 Ergonomics and Exercises for the HT Surgeon	Janet Nelson, MS, ASCM USA Daniel G. McGrath, DO USA
22 SMP - Artistry and Ease	Timothy P. Carman, MD, FISHRS USA William R. Rassman, MD USA
23 SMP - Pearls and Specific Techniques	Sara M. Wasserbauer, MD, FISHRS USA Mary Matsuda Greece
24 Mandarin Language Table: Artistry in Hair Restoration	Jufang Zhang, MD China Jinran Lin, MD China
25 Mandarin Language Table: Hairline Design and Execution	Xingdong Li, MBBS China Cai Xiao Wei, MD China
26 Mandarin Language Table: Technical Pearls for FUE	Wen-Yu Wu, MD China Yong Miao, MD China
27 Surgical Assistants Table: Implantation and Graft Production Pearls	Diana Carmona USA John de Leon USA



FRIDAY

SESSION 6

9:00AM-10:30AM

General Session: Optimizing Graft Survival from Harvest to Implantation – FUE and FUT

9:00AM-9:02AM	2	Moderator Introduction
	041	M. Humayun Mohmand, MD, FISHRS Pakistan
9:03AM-9:10AM	7	Molecular Changes in FU Grafts Induced by Pairing of FUs In Vitro: Suppression of Bone Morphogenetic Protein-4 Expression Indicates Improved Hair Growth
	042	Walter Krugluger, MD Austria
9:11AM-9:18AM	7	A Comparison Between Totally Preserved Graft and Epidermis Trimmed Graft in FUE Using a Implanter
	043	Hyo Kang, MD South Korea
9:19AM-9:27AM	8	Why Hair Placement Might Be the Most Crucial and Primordial Stage of Hair Restoration? Review and Comparison of Different Methods
	044	Jean M. Devroye, MD, FISHRS Belgium
9:28AM-9:35AM	7	How to Achieve High Densities in FUE with Direct Implantation without Reception Holes
	045	Anastasios Vekris, MD Greece
9:36AM-9:40AM	4	Managing Pop Outs During Hair Transplant With Implanters (Video)
	046	Shalini Malhotra, MBBS, MD India
9:41AM-9:49AM	8	Impact of Preservation Solutions on Hair Micrografts' Trichogenicity Ascertained by Dermal Papilla Gene Expression
	047	Ana Castro, MSc Portugal
9:50AM-9:56AM	6	The Art of Sharp Implantation
	048	Arthur Tykocinski, MD, FISHRS Brazil
9:57AM-10:03AM	6	Effect of Surgeon's Workload on Rate of Transection During FUE
	049	Muhammad Ahmad, MBBS Pakistan
10:04AM-10:30AM	26	Questions & Answers

10:30AM-11:00AM

Coffee Break & Visit Exhibits | Ballroom 3 & Ballroom Foyer, Lobby Level (Level 2)

11:00AM-12:00PM

General Session: Medical Diagnoses and Hormonal Influences the Hair Restoration Surgeon Should Know

11:00AM-11:02AM	2	Moderator Introduction
	050	Nicole E. Rogers, MD, FISHRS USA
11:03AM-11:10AM	7	Why the Wait for Dutasteride?
	051	Wen-Yi Wu, MD Taiwan
11:11AM-11:19AM	8	TBD
11:20AM-11:40AM	20	ADVANCES IN HAIR BIOLOGY LECTURE
		Managing AGA with Medical Therapy
		FEATURED GUEST SPEAKER
	053	Ramon Grimalt, MD Spain
11:41AM-11:49AM	8	Efficacy of Oral 5MG Finasteride and 5% Minoxidil Solution vs. 5% Minoxidil Solution for the Treatment of Female Pattern Hair Loss (FPHL) in Postmenopausal Women: A Randomized Controlled Study
	054	Ratchathorn Panchaprateep, MD, PhD, FISHRS Thailand
11:50AM-12:00PM	10	Questions & Answers

11:45AM

Exhibitors suggested to eat [eat in exhibit area, box lunch available from 11:45AM]

12:00PM-12:30PM

Box Lunch Pick-up & Proceed to Your Workshop | General Session Foyer

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.**

BANK 1: 12:30PM-2:00PM		
101: Consumer Hair Care Products: How to Maximize Post-Surgical Hair		
The Study, Level 1		ALL CATEGORIES
102: FUE: Tools & Techniques		
Corundum, Level 3		PHYSICIAN ONLY
103: Cicatricial Alopecia		
Garden Gallery, Level 1		PHYSICIAN ONLY
104: Non-Surgical- Medications for MPHL and FPHL		
Valley Room, Level 1		PHYSICIAN ONLY
105: SMP		
Ballroom 2, Level 2		ALL CATEGORIES
2:00PM-2:45PM Coffee break		

BANK 2: 2:45PM-4:15PM		
111: The Recipient Area: Incision Making and Graft Placing		
Valley Room, Level 1		PHYSICIAN ONLY
112: FUT- Techniques to Create a Narrow Scar		
The Study, Level 1		PHYSICIAN ONLY
113: Implanters		
Garden Gallery, Level 1		PHYSICIAN ONLY
114: Beard and Body Hair Transplants		
Corundum, Level 3		PHYSICIAN ONLY
115: Stem Cells		
Ballroom 2, Level 2		ALL CATEGORIES
4:15PM-4:45PM Coffee break		

4:15PM-4:45PM

Coffee Break & Visit Exhibits | Ballroom 3 & Ballroom Foyer, Lobby Level (Level 2)

FRIDAY

SESSION 8

4:45PM-6:00PM

General Session: PRP and Other Mechanical Treatments for Hair Loss

4:45PM-4:47PM	2	Moderator Introduction
055		Daniel G. McGrath, DO USA
4:48PM-4:56PM	8	Exosomes/Mesenchymal Stem Cells: What Are They? What Do You Need to Know?
056		Robin Unger, MD USA
4:57PM-5:05PM	8	Use of Platelet Rich 3D Fibrin Scaffold as a Graft Holding Media with Clinical and Histological Analysis
057		Anil Garg, MBBS, MS, MCh India
5:06PM-5:16PM	10	PRP for the Treatment of AGA
		FEATURED GUEST SPEAKER
058		Ramon Grimalt, MD Spain
5:17PM-5:22PM	5	The Effect of PRP on Linear Wound Closure Forces During FUT Megasections
059		Akaki Tsilosani, MD, PhD, FISHRS Georgia
5:23PM-5:33PM	10	Comparison of the Efficacy of Platelet Rich Plasma (PRP) Therapy vs. Enriched Adipose Tissue with PRP in Treating Early Stage of Androgenic Alopecia in Men and Women
060		Gorana Kuka-Epstein, MD Serbia
5:34PM-5:39PM	5	The Application of Microneedle in Eyebrow Transplantation
061		Xingdong Li, MD China
5:40PM-6:00PM	20	Questions & Answers

6:00PM-8:30PM

121: ISHRS & ABHRS M&M Conference | Corundum, Level 3

6:15PM-10:00PM

WLSW Operating Surgeons Meeting (invitation only) – Hospital

121: ISHRS & ABHRS MORBIDITY AND MORTALITY (M&M) CONFERENCE

Corundum Level 3

DATE Friday | November 15, 2019

TIME 6:00PM-8:30PM
Dinner at 6:00pm
Presentations at 6:30PM

FEE \$75 (includes dinner)

LEVEL Physicians Only. All Levels.

Chair: Jeffrey S. Epstein, MD, FISHRS | USA

Co-Chair: Mauro Speranzini, MD | Brazil

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.

The objective 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.

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.



Jeffrey S. Epstein, MD



Mauro Speranzini, MD

6:00AM/6:30AM	Breakfast On Own
6:30AM-7:45PM	CME Committee Meeting (invitation only) The Study, Level 1
7:30AM-4:30PM	Registration Ballroom Foyer, Lobby Level (Level 2)
7:30AM-3:00PM	Speaker Ready Room Ante Room, Lobby Level (Level 2)
7:30AM-12:30PM	Exhibits Viewing Ballroom & Ballroom Foyer, Lobby Level (Level 2)
7:30AM-12:30PM	E-Poster Viewing Ballroom 3, Lobby Level (Level 2)
7:30AM	Coffee Available Ballroom 3 & Ballroom Foyer, Lobby Level (Level 2)
8:00AM-12:00PM	GENERAL SESSION Ballroom 2, Lobby Level (Level 2)

SESSION 9

8:00AM-9:30AM

General Session: Complementing Your Hair Restoration Treatment

8:00AM-8:02AM	2	Moderator Introduction
062		Bradley R. Wolf, MD, FISHRS USA
8:03AM-8:23AM	20	Optimizing Hair Health
		FEATURED GUEST SPEAKER
063		Thomas L. Dawson, Jr., PhD Singapore
8:24AM-8:32AM	8	Non-Hormonal Hair Loss the Response to Non-Androgenic Factors in Normal DHT
064		Rajendrasingh Rajput, MBBS, MCh, FISHRS India
8:33AM-8:42AM	9	The 5 Components for a Great SMP Treatment
065		Sara M. Wasserbauer, MD, FISHRS USA
8:43AM-8:50AM	7	An Overview on Scalp Micropigmentation in Combination with Hair Transplant for Severe Hair Loss Cases
066		Sara L. Salas, MD Mexico
8:51AM-9:00AM	9	Tattoo Pigment Delivery with a Laser-Based Microjet
067		William R. Rassman, MD USA
9:01AM-9:09AM	8	A Clinical Outcome of Using Autologous Platelet Gel Versus Conventional Dressing in the Management of Follicular Unit Transfer Wounds
068		Mohsen Pirooz Hashemi, MD Iran
9:10AM-9:18AM	8	Hormonal and Nutritional Supplements
069		Nicole E. Rogers, MD, FISHRS USA
9:19AM-9:30AM	20	Questions & Answers

9:30AM-10:00AM	Coffee Break & Visit Exhibits Ballroom 3 & Ballroom Foyer, Lobby Level (Level 2)
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SESSION 10

10:00AM-11:00AM

ISHRS General Membership Business Meeting & Awards

SATURDAY

SESSION 11

11:00AM-12:00PM

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.

11:00AM-11:02AM

2

Moderator Introduction

Sharon A. Keene, MD, FISHRS | USA

Panelists:

071

Shady El-Maghraby, MD | Egypt

072

Robert S. Haber, MD, FISHRS | USA

073

Emorane Lupanzula, MD | Belgium

074

Marie A. Schambach, MD | Guatemala

075

Robin Unger, MD | USA

12:00PM

World Congress Adjourns

12:00PM-12:30PM

Last Chance to Visit Exhibits

12:00PM-12:30PM

ISHRS Board of Governors Meeting (invitation only) | The Study, Level 1

12:30PM-2:30PM

Exhibits Dismantle

For those registered for the World Live Surgery Workshop, see additional details in the later pages of this Guide for full schedule of WLSW Pre-Course Wednesday, and WLSW Saturday & Sunday.

12:00PM-12:45PM

WLSW: Attendee Box Lunch | The Tea Lounge, Level 1

12:45PM-1:15PM

WLSW: Review of Cases | Ballroom 2, Lobby Level (Level 2)

1:15PM-2:50PM

WLSW: Scalp Micropigmentation | Ballroom 2, Lobby Level (Level 2)

3:00PM-6:30PM

WLSW: Small Group Breakouts**FUE** | The Study, Level 1**FUT** | Valley, Level 1**SMP** | Garden Gallery, Level 1

7:30PM-1:00AM

Gala Dinner/Dance & Awards Ceremony | Ballroom 1-3, Lobby Level (Level 2)

WLSW

GALA DINNER/DANCE & AWARDS CEREMONY

ENJOY THE FINAL EVENING OF THE WORLD CONGRESS
WITH YOUR FRIENDS AND COLLEAGUES
AT THE GALA DINNER/DANCE & AWARDS CEREMONY.

WE WILL START THE EVENING WITH A BEAUTIFUL MEAL AND
THE AWARDS, WHERE THE PRESTIGIOUS ISHRS GOLDEN &
PLATINUM FOLLICLE AWARDS & DISTINGUISHED ASSISTANT
AWARD WILL BE PRESENTED.

THEN, GET READY TO DANCE & PARTICIPATE IN KARAOKE,
IF YOU LIKE.

ATTIRE is black tie (evening gowns and suits/tuxedos) optional. If you prefer, as a tradition of the ISHRS,
you may wear a costume reflective of your native country for the Gala Dinner.
TICKETS are required for entry and must be purchased in advance (see registration form).

Ballroom LOBBY LEVEL (LEVEL 2)

DATE Saturday | November 16, 2019

TIME 7:30PM-1:00AM

7:30PM Cocktail Reception

8:30PM Dinner

FEE \$115 per person

2 tickets included with Trustee
Circle and Leadership Circle
AGF donation levels.



SCIENTIFIC POSTERS

Scientific poster presentations will be presented as electronic posters (e-posters) and can be viewed in the Exhibit area on the large monitors. In addition, the e-poster PDF file is available for download.

E-POSTER HOURS

THURSDAY November 14, 2019	7:30AM-8:00PM
FRIDAY November 15, 2019	8:15AM-6:15PM
SATURDAY November 16, 2019	7:30AM-12:30PM

ARTISTRY AND AESTHETICS

- P01 Artistic Eyebrow Restoration by FUE in Asia**
Wei Wu, MD | China

BASIC SCIENCE UPDATE

- P02 The Effect of Diet on Baldness in Adult Women and Men**
Malgorzata Kolenda, MD, PhD | Poland

- P03 Understanding the Nature of Stretched Scars**
Greg Williams, MBBS, FISHRS | United Kingdom

COMPLICATIONS

- P04 Heroic Eyebrow and Beard Restoration-Reparative Techniques for Cases of Iatrogenic (Prior Surgery) Devastatingly Poor Results**
Jeffrey S. Epstein, MD, FISHRS | USA

- P05 The Risk Factors and Prognosis of Folliculitis at Recipient Site after Hair Restoration Surgery**
Tueboon Sriphojanart, MD | Thailand

CONSULTATION AND EVALUATION

- P06 Case Study of Patient Behaviors of a Hair Transplant Clinic in Taiwan**
Yi Jung Lin, MD | Taiwan

ETHNIC VARIATIONS

- P07 Estimation of Donor Area Density and Hair Calibre in Indian Population**
Aman Dua, MBBS, MD, FISHRS | India

GRAFT PREPARATION AND IMPLANTATION

- P08 Application of 2 Types of Injured Hair Grafts in Hair Restoration Surgeries**
Jufang Zhang, MD | China

HAIR CLONING, DUPLICATION, AND GROWTH FACTORS

- P09 Development of Hair Follicle Anlagen In Vitro as a Proof for the Hair Growth Inductive Properties of Neopapilla Hair Germ Transplants Intended for 'Hair Cloning'**
Gerd Lindner, PhD | Germany

- P10 Long Term Results of Platelet Rich Plasma for Hair Loss: Does It Really Work Over Time?**
James E. Vogel, MD, FISHRS | USA

HAIRLINE AND CROWN DESIGN

- P11 Experience Sharing About Female Hairline Transplantation**
Xingdong Li, MD | China

IMPROVING GRAFT SURVIVAL AND AVOIDING POOR GRAFT GROWTH

- P12 Study on Graft Survival of Hair Follicles with Minor Injuries Occurring During FUE Procedure**
Jae Hyun Park, MD, PhD | South Korea

INSTRUMENTATION

- P13 Comparison of Needle Insertion Force and Durability in Different Hair Implanter**
Hyunhee Bang, MSc | South Korea

- P14 Sharp and Hybrid Punches: Detailed Comparison of Different Quality Control Markers**
Jean Devroye, MD, FISHRS | Belgium

- P15 Development of Automatic Implanter**
Moonkyu Kim, MD, PhD, FISHRS | South Korea

NON-AGA HAIR LOSS

- P16 Eyebrow Restoration in a Patient with Marie-Unna Hereditary Hypotrichosis**
Songjia Tang, MD | China

NON-SURGICAL OR MEDICAL THERAPIES

- P17 Finasteride is Associated with Higher Odds of Obstructive Sleep Apnea (OSA): Results from the US FDA Adverse Events Reporting System (FAERS)**
Aditya Gupta, MD, PhD, FISHRS | Canada

- P18 A Systematic Review and Network Meta-Analysis of Non-Surgical Treatments for Androgenetic Alopecia**
Aditya Gupta, MD, PhD, FISHRS | Canada

STAFFING, ORGANIZATION AND EFFICIENCY

- P19 Standardization of Coverage Requirements in Hair Transplant Using the Concept of Coverage Value**
Kinnar Kapadia, MBBS, MS, DNB, MCh | India

- P20 Withdrawn**

- P21 Post-Operative FUE Graft and Donor Evaluations**
Kazuhiro Yamamoto, MD, PhD | Japan

SURGICAL TECHNIQUES

- P22 Perifollicular Pigment Transfer for Vitiligo (PPT)**
Rattapon Thuangtong, MD | Thailand

OTHER

- P23 Growth Pattern of Transected Grafts: A Study of Twenty Patients**
Ummer Yaseen, MD | India

NORWOOD LECTURER

Gillian Westgate, PhD

Centre for Skin Sciences, University of Bradford, United Kingdom



Dr. Westgate has a degree in Biochemistry and obtained her PhD in 1997 studying hair follicle biology, for which she is now internationally recognized as an expert. She began her career in the cosmetics and personal care industry at Unilever Research in the UK, where she led their scalp and hair biology research program for many years. During this time she developed many in vitro models that provided both fundamental understanding

of the regulation of hair growth as well as producing scientific claims support for several global brands. Dr. Westgate has an established consultancy business, combining her experience and knowledge of skin and hair science with the needs of R&D in Industry. More recently, Dr. Westgate helped establish the Centre for Skin Sciences (CSS), a major centre of excellence for skin and hair research at the University of Bradford, UK. Her role in the CSS is developing sustainable partnerships between industry and academic researchers and to help translate science into commercial opportunities. Dr Westgate is a past Secretary and President of the European Hair Research Society and she regularly serves on the organizing committees for UK and international conferences. She continues to publish articles on various aspects of hair biology and to share her knowledge at conferences and industry-sponsored educational courses.

THURSDAY

Dr. Westgate will speak on,

“Adipose Derived Stem Cells: Where Are They From and What Are They Doing for the Hair Follicle?”

ABOUT THE NORWOOD LECTURESHIP

The Norwood Lectureship pays tribute to O'Tar Norwood, MD, an Oklahoma physician who had a long and successful career in dermatology. At the time of writing his first book on Hair Transplant Surgery in 1973, he was Clinical Assistant Professor of Dermatology at the University of Oklahoma Medical School, USA. Amongst other things he was a Founding Member of American Society for Dermatologic Surgery and with Dr. Dow Stough he was instrumental in gathering like-minded doctors in 1992 to form the ISHRS. O'Tar is a restless thinker who brought together people and ideas to explain the MPHL process. His letters and communications were so numerous that he started a magazine called the *Hair Transplant Forum International*. It grew very quickly and became so popular that everyone wanted to read it and contribute articles. Soon after, O'Tar donated the magazine to the ISHRS. Its descendant is the ever-popular Forum we read today. O'Tar continued to publish and teach at our conferences for many years. His name is etched in our history. Those who know O'Tar fondly remember the informal moments after lectures where his wit and joy for life were wonderful to share. He would welcome all with his cheeky warm smile.



STOUGH LECTURER

Ohsang Kwon, MD, PhD

Department of Dermatology, Seoul National University College of Medicine, Seoul, South Korea



Dr. Kwon is currently a Professor at the Department of Dermatology, Seoul National University College of Medicine, Seoul, Korea. He clinically specializes in alopecia of both male and female, the scalp diseases, and hair restoration surgery. His research interests are mechanism of alopecia and hair follicle regeneration. He is conducting fundamental experiments in the field of stem cell biology and regeneration of hair follicles and trying to develop new treatment for hair

loss including the experimental and translational approach of allogeneic hair transplantation. He has been actively conducting hair-restore clinical trials, including the landmark phase 3 clinical trial to validate the efficacy and safety of dutasteride in male pattern hair loss.

Dr. Kwon received his medical degree from Seoul National University College of Medicine in 1994 and PhD degree from Graduate School, Seoul National University in 2005. He received Dermatology residency and fellowship training at the Seoul National University Hospital. He also worked as a visiting scholar at the laboratory of Dr. George Cotsarelis at the University of Pennsylvania from 2007 to 2009.

He joined the faculty at the Seoul National University and began to serve as a physician at the Seoul National University Hospital in 2005.

THURSDAY

Dr. Kwon will speak on,

“Allogeneic Hair Transplantation: Current Status.”

ABOUT THE STOUGH LECTURESHIP

The Stough Lectureship recognizes an individual with vision and a demonstrated passion for education. Established in 2019, the Stough Lecture honors ISHRS Co-founder Dow Stough, MD, who in the early 1990's recognized that the fractured, chaotic, and often secretive world of hair restoration needed an anchor. The founding of the ISHRS in 1993 brought order to chaos, turned competitors into colleagues, and created an educational organization that has changed the face and improved the outcomes of hair restoration throughout the world. A very well respected dermatologist from Hot Springs, Arkansas, USA, Dr. Stough was one of the earliest proponents of follicular unit transplantation and natural looking hairlines, and his focus on innovation and teaching is evidenced by Dow being the youngest President, Program Chair, Golden Follicle Award winner, and Manfred Lucas Award winner in ISHRS history. He is a true leader and his contagious enthusiasm has inspired and motivated many hair transplant surgeons. His knack for encouraging colleagues – newcomers and old-timers alike – to get involved, share knowledge, and ask questions, is perhaps his greatest legacy.



Ramon Grimalt, MD

Department of Dermatology at the Universitat Internacional de Catalunya, Barcelona, Spain



Dr. Grimalt is Licensed in Medicine and Surgery, a Specialist in Dermatology and received his PhD in Medicine and Surgery. Dr. Grimalt is currently Associate Professor

of Dermatology at the Universitat Internacional de Catalunya. He has trained in the University of Barcelona, University of Illinois, and Università degli Studi di Milano (Italy). He worked as an expert member of the (SCCP) Scientific Committee for Consumer Products at the European Community in Bruxelles (2004-2008). Dr. Grimalt has presented his work in more than 100 international and more than 90 national congresses. He is a peer reviewer of 10 scientific journals, including Associated Editor of the Medical Journal "Medicina Cutanea Ibero Latina Americana." Dr. Grimalt's research is divided in 4 investigator lines: Cutaneous lymphoma, Cosmetics, Histiocytosis, and Hair Dysplasia. His two main fields of interest are Pediatric Dermatology and Tricology. Dr. Grimalt has published 12 books as author or co-author, 43 chapters in a book and 1 medical translation from the English to Spanish of a hair cosmetics book. He is able to lecture in 5 different languages. English, Spanish, French, Italian and Catalan.

FRIDAY

Dr. Grimalt will speak on,
"Managing Androgenetic Alopecia with Medical Therapy" and
"Platelet-Rich Plasma for the Treatment of Androgenetic Alopecia."

Thomas L. Dawson, Jr., PhD

Agency for Science, Technology, and Research (A*STAR) Institute for Medical Biology, Singapore



Dr. Dawson is a Senior Principal Investigator at the Agency for Science, Technology, and Research (A*STAR) Institute for Medical Biology (IMB) in Singapore. He is a research scientist and author on more

than 50 original articles, book chapters, papers and other scientific communications, including authoring the Dandruff and Hair Growth chapters of Cosmetic Dermatology for several editions. While at the Procter & Gamble Co. Dr. Dawson's research team discovered the fungal cause of dandruff and seborrheic dermatitis, identified the key microbes, *Malassezia*, and discovered and launched new technology in Head & Shoulders (the world's largest shampoo brand). He also leads the *Malassezia* Research Consortium, a global multi-disciplinary collaboration on *Malassezia* biology, genomics, and pathogenicity.

Dr. Dawson's hair and scalp research is focused on stopping or reversing changes in women's hair with age and menopause, via intervention in the metabolism and function of anagen hair follicles. A recent hair biology advance led to development of a successful in-market technology which improves the diameter of women's scalp hair.

SATURDAY

Dr. Dawson will speak on,
"Optimizing Hair Health."

Janet L. Nelson, MS, ACSM

Manhattan Applied Physiology, New York, USA



Janet Nelson practices both Applied and Clinical Physiology. Physiology is the science of muscle, organs and connective tissue in terms of form and structure. Applied Physiology is more

concerned with the purpose and function of these systems and how the entire human body functions together. Therefore, Janet's treatment sessions specialize in diagnostic and manual hands-on tissue therapy. Her practice focus is education based, whether lecturing to a group or working one on one with her patients.

As a C.O.E. (Certified Office Ergonomist), Janet is well versed in understanding the postural issues resulting from the demands of the workplace and work associated travel. She is qualified to assess and implement both equipment and work habit changes resulting in improved body position, reducing the load on the body and in many cases immediately reducing pain. During the diagnostic assessment of her patients Janet utilizes muscle and nerve response testing methodologies that allow her to identify the root cause of the movement dysfunction or reported pain.

THURSDAY

Ms. Nelson will speak on,
"Will Performing Hair Transplant Surgeries Cripple You? Musculoskeletal Disorders (MSD) – Symptoms, Causes and Treatment."

THE ADVANCES IN HAIR BIOLOGY LECTURE
is generously supported by a grant from BOSLEY.

401: Basics Course

Valley Room LEVEL 1

DATE Wednesday | November 13, 2019

TIME 8:00AM-5:30PM

FEE \$250

LEVEL Beginner Physicians Only

NOTES No breakfast (only coffee).
Lunch and coffee breaks are included.

Basics Course Chair:

M. Humayun Mohmand, MD, FISHRS | Pakistan

Co-Chairs:

Steven P. Gabel, MD, FISHRS | USA

Ricardo Gomes de Lemos, MD | Brazil

The 2019 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. Participants 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).

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.



M. Humayun Mohmand, MD



Steven P. Gabel, MD



Ricardo Gomes de Lemos, MD

COURSE OUTLINE

8:00AM-8:05AM	Introduction and Course Overview M. Humayun Mohmand, MD, FISHRS Pakistan
8:06AM-8:14AM	Androgenic Alopecia & the Hair Loss Pattern (New Hair Loss Classification) Muhammad Ahmad, MD Pakistan
8:15AM-8:25AM	Non-Androgenic Alopecia Nicole E. Rogers, MD, FISHRS USA
8:26AM-8:36AM	Female Pattern Hair Loss Cagatay Sezgin, MD UAE
8:36AM-8:42AM	Questions & Answers
8:42AM-8:54AM	Patient Selection, Patient Expectations and Limitations William R. Rassman, MD USA
8:55AM-9:05AM	Donor Area Assessment and Planning FUT & FUE M. Harris Haseeb, MBBS United Kingdom
9:06AM-9:16AM	Designing of Male Hairline Jeffrey S. Epstein, MD, FISHRS USA Ronald L. Shapiro, MD, FISHRS USA
9:17AM-9:27AM	Designing of Female Hair Line Gorana Kuka-Epstein, MD Serbia
9:27AM-9:35AM	Questions & Answers
9:35AM-9:45AM	FUT – Calculation, Harvesting & Minimization of Donor Scar Damkerng Pathomvanich, MD, FISHRS Thailand
9:46AM-9:56AM	FUT – Complications and How to Avoid Them Russell G. Knudsen, MBBS, FISHRS Australia
9:57AM-10:07AM	FUE – Calculation of Safe Donor Area and How to Avoid Overharvesting Ratchathorn Panchaprateep, MD, PhD, FISHRS Thailand
10:08AM-10:18AM	FUE – Complications and How to Avoid Them Shady El-Maghraby, MD, MSc Egypt
10:19AM-10:29AM	How to Choose Your FUE Equipment and What Your Options Are Marie A. Schambach, MD Guatemala
10:29AM-10:35AM	Questions & Answers
10:35AM-10:50AM	Coffee & Tea Break
10:50AM-11:00AM	Anaesthesia and Patient Comfort Mughese M. Amin, MBBS Pakistan
11:01AM-11:11AM	Principles of Good Placing and How to Avoid Problems Conradin von Albertini, MD, FISHRS Switzerland
11:12AM-11:22AM	Emergencies in Hair Restoration and How to Handle Aditya Gupta, MD, PhD, FISHRS Canada
11:22AM-11:27AM	Questions & Answers
11:27AM-11:37AM	Holding Solutions – What's New Jae-Hyun Park, MD, FISHRS South Korea
11:38AM-11:48AM	Medicine (Non-Surgical Treatment) Asim I. Shahmalak, MBBS United Kingdom
11:48AM-11:55AM	Questions & Answers
11:55AM-12:05PM	Getting Started – Setting Up a Practice Edward A.M. Ball, MBMS, DPD United Kingdom
12:06PM-12:16PM	Getting Started – Photography Steven P. Gabel, MD, FISHRS USA
12:16PM-1:00PM	LUNCH WITH FACULTY 12:50PM-Faculty Group photo and Basics Course photo in Lecture Room
1:00PM-4:20PM	Hands-On Work Stations
4:25PM-5:15PM	FUT & FUE Panel Discussion
5:15PM-5:30PM	Final Questions & Answers and Concluding Remarks

HANDS-ON WORK STATIONS

STATION 1 FUE: Selecting Equipment, Technique and How to Minimize Transection

FACULTY

- Gorana Kuka-Epstein, MD | Serbia
- Edward Ball, MBMS, DPD | United Kingdom
- M. Harris Haseeb, MBBS | United Kingdom
- Russell Knudsen, MBBS, FISHRS | Australia
- Jae-Hyun Park, MD, PhD | South Korea



Gorana Kuka-Epstein, MD



Edward Ball, MBMS, DPD



M. Harris Haseeb, MBBS



Russell Knudsen, MBBS



Jae-Hyun Park, MD, PhD

This station will concentrate on the components that differentiate the powered Follicular Unit Excision devices on the market today. Faculty will discuss rotation and oscillation, depth control, suction, and what each of those components mean when deciding the best surgical instrument. Advantages, disadvantages and limitations of many devices will be displayed and discussed.

STATION 2 FUE: Selecting Punch Type and Size

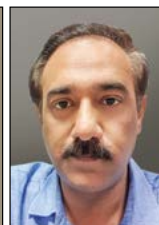
FACULTY

- Marie A. Schambach, MD | Guatemala
- Mughese M. Amin, MBBS | Pakistan
- Aditya Gupta, MD, PhD, FISHRS | Canada
- Asim I. Shahmalak, MBBS | United Kingdom

Students will focus on the variation between punch types (sharp, blunt, flat, serrated, and funnel), punch size, inner and outer diameter, and how these factors effect surgical outcomes. Faculty will discuss how to identify ideal candidates for FUE, manage common FUE challenges, and understand how to estimate donor area yield during initial and further procedures.



Marie A. Schambach, MD



Mughese M. Amin, MBBS



Aditya Gupta, MD, PhD



Asim I. Shahmalak, MBBS

STATION 3 Graft Placing, Forceps, Dilators and Implanters

FACULTY

- Conradin von Albertini, MD, FISHRS | Switzerland
- Ratchathorn Panchaprateep, MD, PhD, FISHRS | Thailand
- Nicole E. Rogers, MD, FISHRS | 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.



Conradin von Albertini, MD



R. Panchaprateep, MD, PhD



Nicole E. Rogers, MD

STATION 4 FUT with Trichophytic Closure and Graft Preparation

FACULTY

- Ricardo Gomes de Lemos, MD | Brazil
- Muhammad Ahmad, MD | Pakistan
- Rana M. Irfan, MBBS, FISHRS | Pakistan
- Ezequiel R. Panno, MD | Spain

This station will introduce participants to the essential elements of optimal strip FUT and graft preparation including how to estimate the graft yield, how to plan and harvest a donor strip whilst minimizing follicle transection, 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. Techniques to minimize scarring and potential complications will be discussed. Advantages, disadvantages and limitations of this method will be re-enforced.



Ricardo Gomes de Lemos, MD



Muhammad Ahmad, MD



Rana M. Irfan, MBBS



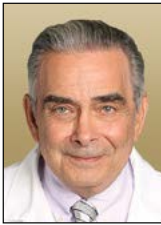
Ezequiel Panno, MD

STATION 5 Hairline & Crown Design

FACULTY

- William Rassman, MD | USA
- Shady El-Maghraby, MD | Egypt
- Jeffrey S. Epstein, MD, FISHRS | USA
- Cagatay Sezgin, MD | UAE
- Ronald L. Shapiro, MD, FISHRS | USA

Participants will learn the elements essential to creating a natural hairline for both men and women and be able to counsel patients regarding what will look most appropriate 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.



William Rassman, MD



Shady El-Maghraby, MD



Jeffrey S. Epstein, MD



Cagatay Sezgin, MD



Ronald L. Shapiro, MD

402: Advanced/Board Review Course

Next2 Chao Phraya Room LEVEL 1

DATE Wednesday | November 13, 2019

TIME 8:00AM-5:30PM

FEE \$495

LEVEL Intermediate and Advanced

Physicians Only

NOTES No breakfast (only coffee).
Lunch and coffee breaks are included.



Daniel G. McGrath, DO

Advanced/Board Review Course Chair:

Daniel G. McGrath, DO | USA

Co-Chair: Jerzy R. Kolasinski, MD, PhD, FISHRS | Poland

The 2019 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 intermediate 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.



Jerzy R. Kolasinski, MD, PhD

SESSION 1 – GENERAL INFORMATION

8:00AM-8:10AM **Welcome and Introduction**
Daniel G. McGrath, DO | USA
Jerzy R. Kolasinski, MD, PhD, FISHRS | Poland

8:10AM-8:20AM **State of the ABHRS/IBHRS**
Daniel G. McGrath, 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**
Daniel G. McGrath, 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**
Russell G. Knudsen, MBBS, FISHRS | Australia

9:30AM-9:50AM **Other Alopecias**
Ken L. Williams, Jr., DO, FISHRS | USA

9:50AM-10:00AM **Question & Answers**

10:00AM-10:15AM **Coffee Break**

SESSION 3 – PATIENT SELECTION & DONOR AREA

10:15AM-10:35AM **Consultation and Medical Evaluation of the Patient**
Akaki Tsilosani MD, PhD, FISHRS | Georgia

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

10:50AM-11:00AM **FUE v FUT – What to Choose?**
Jeffrey S. Epstein MD, FISHRS | USA

11:00AM-11:10AM **Surgical Anatomy of the Scalp**
Timothy P. Carman MD, FISHRS | USA

11:10AM-11:25AM **Hairline Design (Male and Female)**
Ronald L. Shapiro, MD, FISHRS | USA

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**
Baubac Hayatdavoudi, 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**
Marcio Crisóstomo, MD, FISHRS | Brazil

1:35PM-1:50PM **Surgery Planning – Age and Potential for AGA**
Marcio Crisóstomo, MD, FISHRS | Brazil

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

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

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

2:20PM-2:30PM **Transplantation into Scars/Reconstructive HRS**
Jerzy R. Kolasinski, MD, PhD, FISHRS | Poland

2:30PM-2:40PM **HRS in Children**
Jerzy R. Kolasinski, MD, PhD, FISHRS | Poland

2:40PM-2:50PM **Questions & Answers**

SESSION 5 – ODDS AND ENDS

2:50PM-3:05PM **Emergency Situations in HRS**
Carlos J. Puig, DO, FISHRS | USA

3:05PM-3:20PM **Most Common Complications in HRS**
Timothy P. Carman, MD, FISHRS | USA

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

3:30PM-3:45PM **Coffee Break**

SESSION 6 – ORAL EXAM SAMPLE CASES

3:45PM-4:15PM **Case #1**
Daniel G. McGrath, DO | USA

4:15PM-4:45PM **Case #2**
Jerzy R. Kolasinski, MD, PhD, FISHRS | Poland

4:45PM-5:15PM **Case #3**
Konstantinos Anastassakis, MD | Greece

5:15PM-5:30PM **Closing Remarks**
Daniel G. McGrath, DO | USA
Jerzy R. Kolasinski, MD, PhD, FISHRS | Poland

403: Surgical Assistants Program

Corundum LEVEL 3

DATE Wednesday | November 13, 2019

TIME 8:00AM-12:00PM

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

LEVEL All Levels Surgical Assistants All Categories

NOTES No breakfast or lunch (only coffee).

Surgical Assistants Chair: Marwan Noureldin, MD | Egypt

Surgical assistants play a crucial role in all steps of any hair transplant procedure. So, having an adroit assistant gives any practice a huge boost to their results.

This year's program is designed to have as many videos as possible, showing all steps of the hair transplant procedure. Attendees will learn from the best around the world, as they will share their immense experience and solutions to different challenges.

The first part of the program will discuss "Basic Surgical Skills." Experts will share their own videos discussing the principal steps, starting with slivering and cutting, placement and safe graft handling. The second part will give you a virtual tour from two different clinics around the world, providing an in-depth view of how a surgical procedure flows in each clinic.

Next, we will have the "Hair Science" session, implying lectures in which we discuss different topics in order to improve our knowledge, and give us an opportunity to think critically about the work we do. During the "New or Improved" session, we will discuss more about implanters and will have a great opportunity to watch videos of challenging cases & to learn tips and tricks from our experts.

Finally, we will be focusing on a very important issue; the "Black-Market" underworld. As we all in hair transplantation field we have to fight side by side to protect our patients and to save our community.



Marwan Noureldin, MD

COURSE OUTLINE

8:00AM-8:09AM **Welcome and Introduction**
Marwan Noureldin, MD | Egypt

Basic Surgical Skills Worldwide View

8:10AM-8:19AM **Slivering and Cutting**
Salome Vadachkoria | Georgia

8:20AM-8:25AM **Graft Extraction in FUE**
Ruel Adajar, MD | Philippines

8:26AM-8:35AM **Graft Placement**
Aileen Ullrich, CMA | USA

8:36AM-8:45AM **How to Handle a Graft Safely**
Ilona Schur | Greece

8:46AM-8:50AM **Questions & Answers**

Assisting Around the World

8:51AM-8:56AM **Spain: Office of Dr. Ezequiel R. Panno**
Laura Kryz | Spain

8:57AM-9:02AM **Thailand: Office of Dr. Damkerng Pathomvanich**
Patcharee Thienthaworn | Thailand

9:03AM-9:13AM **The Roles and Responsibilities of Different Staff:
A Day in the Life of a Theatre Manager**
Laura Kryz | Spain

Hair Science

9:14AM-9:29AM **The Role of PRP in Hair Restoration**
Aman Dua, MBBS, MD, FISHRS | India

9:30AM-9:44AM **Emergency Situations and How as Assistants We Can Act**
Laura Kryz | Spain

9:45AM-9:55AM **Critical Thinking: What Can Go Wrong in Hair Surgery?**
Brandi Watts | USA

9:56AM-10:11AM **Our Best Laid Plans for Surgical Techs Go Astray**
Mario Mazola, MBBS, FISHRS | Australia
Helen Mazola | Australia

10:12AM-10:34AM **Coffee Break (Newcomers Round Table)**

New or Improved

10:35AM-10:45AM **Implanter, a Game Changer in Hair Transplantation**
Kongkiat Laowong, MD, FISHRS | Thailand

10:46AM-10:56AM **My Evolution on Using Implanters**
Tina Lardner | USA

10:57AM-11:07AM **Efficient Management Tools for Surgical Time**
Salome Vadachkoria | Georgia

11:08AM-11:13AM **Dilator, an Alternative Tool for Placing Grafts with Efficiency**
Saronya Manochai | Thailand

11:14AM-11:19AM **Questions & Answers**

Videos of Challenging Cases

11:20AM-11:25AM **Long Hair FUE for Techs**
Marie Andrée Schambach, MD, FISHRS | Guatemala

11:26AM-11:31AM **Eyebrow Microblading**
Julieta Peralta Arambulo, MD, FISHRS | Philippines

11:32AM-11:37AM **Eyebrow & Eyelash Implantation**
Laura Burdine | USA

11:38AM-11:43AM **The Role of the Surgical Assistant in
Robotic Harvesting of Hair Grafts**
Christine Turner | Australia

11:44AM-11:54AM **Black Market Video Presentation**
Heather Stretch | United Kingdom

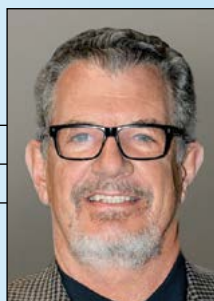
11:55AM-12:00PM **Closing Remarks**
Marwan Noureldin, MD | Egypt



Workshops

DATE Friday | November 15, 2019**TIME** 12:30PM-2:00PM and 2:45PM-4:15PM**FEE & ENTRY** No extra fee, but you must register to obtain a ticket for early entry.**DETAILS** There are limited tickets for many of the workshops. It is first-come, first-served based on meeting registration. Each registered attendee may select one workshop from each of the two workshop banks, based on availability.

A ticket is required for entry until 5 minutes prior to the start of the workshop. At 5 minutes prior to the start, the room will open and those attendees waiting for access without a ticket may enter, if seats are available. Some workshops are for physicians only and others are for any registration category. Exhibitors are not eligible to attend.



Bradley R. Wolf, MD

Workshops Chair: Bradley R. Wolf, MD, FISHSR | USA**FRIDAY WORKSHOPS BANK 1 | 12:30AM-2:00PM**

101: Consumer Hair Care Products: How to Maximize Post-Surgical Hair The Study LEVEL 1	All Categories
102: FUE- Tools & Techniques Corundum LEVEL 3	Physician Only
103: Cicatricial Alopecia Garden Gallery LEVEL 1	Physician Only
104: Non-Surgical- Medications for MPHL and FPHL Valley Room LEVEL 1	Physician Only
105: SMP General Session room English-to-Mandarin simultaneous interpretation	All Categories

FRIDAY WORKSHOPS BANK 2 | 2:45PM-4:15PM

111: The Recipient Area: Incision Making and Graft Placing Valley Room LEVEL 1	Physician Only
112: FUT - Techniques to Create a Narrow Scar The Study LEVEL 1	Physician Only
113: Implanters Garden Gallery LEVEL 1	Physician Only
114: Beard and Body Hair Transplants Corundum LEVEL 3	Physician Only
115: Stem Cells General Session room English-to-Mandarin simultaneous interpretation	All Categories

WORKSHOPS BANK 1

101 WORKSHOP Consumer Hair Care Products: How to Maximize Post-Surgical Hair**The Study LEVEL 1****DATE** Friday | November 15, 2019**TIME** 12:30PM-2:00PM**LEVEL** All Categories**Director:** Thomas L. Dawson, Jr., PhD | Singapore**Faculty:** Nicole E. Rogers, MD | USA

Gillian Westgate, PhD | United Kingdom

What we apply to our hair and scalp matters.

The current global hair care market is nearly \$200 billion USD per year. As you can imagine, there are many effective, quality products, as well as many more with questionable marketing claims. What is the truth? Which really work? What should we recommend to our patients – or for that matter, to use on ourselves and to recommend for our family and friends – to optimize our hair health, and make the most of what we have? Learn from an accomplished consumer care hair research scientist what to look for in hair care products, and ask your questions!



Thomas L. Dawson, Jr., PhD

12:30PM	Welcome & Introductions Thomas L. Dawson, Jr., PhD Singapore
12:30PM-12:50PM	Consumer Hair Care Products (Shampoo, Rinse-off Conditioners, Leave-on Hair and Scalp Treatment), Their Ingredients, and Uses Nicole E. Rogers, MD USA
12:50PM-1:10PM	Hair Damage, How to Prevent It, and Products for Preservation of Hair Structure Thomas L. Dawson, Jr., PhD Singapore
1:10PM-1:30PM	Activity Associated with Naturally Derived Hair Loss Treatments and Realistic Evaluation of How They Work for Communication to Patients Gillian Westgate, PhD United Kingdom
1:30PM-2:00PM	Discussion and Questions & Answers



102 WORKSHOP FUE - Tools & Techniques**Corundum LEVEL 3****DATE** Friday | November 15, 2019**TIME** 12:30PM-2:00PM**LEVEL** All Categories**Director:** Marie A. Schambach, MD | Guatemala**Co-Director:**

David S. Josephitis, DO, FISHRS | USA

Faculty: Otavio Boaventura, MD | Brazil

Alex Ginzburg, MD | Israel

Chiara Insalaco, MD | Italy

Asim I. Shahmalak, MBBS | United Kingdom

Bruno Szyferman, MD | Argentina

With the continual advancements in FUE technology, it is difficult to keep up with the information on new devices and even harder to make clever financial decisions on which device to purchase. In this workshop we will give you important information on each device/technique/punch and create a model to help you sort out which device adapts better to your practice. We will explain the basics of each device and discuss 3 cases where we can evaluate the performance of the each device on three different donor hair types. This way, you will be able to more objectively evaluate which device, tool, and technique works best for you.



Marie A. Schambach, MD



David S. Josephitis, DO

12:30PM-12:32PM **Introduction**
Marie A. Schambach, MD | Guatemala

12:32PM-12:39PM **PCID**
Chiara Insalaco, MD | Italy

12:40PM-12:47PM **Ertrip**
Otavio Boaventura, MD | Brazil

12:48PM-12:55PM **WAW**
Asim I. Shahmalak, MBBS | United Kingdom

12:56PM-1:03PM **Jack's**
Alex Ginzburg, MD | Israel

1:04PM-1:11PM **Trivellini**
Marie A. Schambach, MD | Guatemala

1:12PM-1:22PM **Case #1**
David S. Josephitis, DO, FISHRS | USA

1:22PM-1:32PM **Case #2**
David S. Josephitis, DO, FISHRS | USA

1:32PM-1:42PM **Case #3**
David S. Josephitis, DO, FISHRS | USA

1:43PM-1:55PM **Questions & Answers**
David S. Josephitis, DO, FISHRS | USA

1:55PM-2:00PM **Conclusion**
Marie A. Schambach, MD | Guatemala

103 WORKSHOP Cicatricial Alopecia**Garden Gallery LEVEL 1****DATE** Friday | November 15, 2019**TIME** 12:30PM-2:00PM**LEVEL** Physicians Only**Director:** Andreas M. Finner, MD | Germany**Faculty:**

Bessam Farjo, MD, FISHRS | United Kingdom

Nina Otberg, MD | Germany

Tatiana Siliuk, MD | Russia

Frank Neidel, MD | Germany

Andrei Doroshkevich, MD | Russia



Andreas M. Finner, MD

Recognizing and treating scarring hair loss is a challenge in many cases. Practical guidelines for the diagnosis and management of various primary and secondary cicatricial alopecias will be presented. It is crucial to assess disease activity regularly and prevent progression. Current medical treatment options will be discussed. The workshop will give advice on when and how to perform hair surgery in suitable patients.

12:30PM-12:45PM **Overview of Cicatricial Alopecia -
Diagnosis, Classification and Therapy**
Andreas Finner, MD, FISHRS | Germany

12:45PM-12:55PM **Trichoscopy to Reveal Subtle Forms of Cicatricial Alopecia**
Tatiana Siliuk, MD | Russia

12:55PM-1:05PM **Folliculitis Decalvans – What Can be Done**
Nina Otberg, MD | Germany

1:05PM-1:15PM **Hair Transplantation in Different Types of Scarring Alopecia**
Andrei Doroshkevich, MD | Russia

1:15PM-1:25PM **My Experience with Hair Surgery in Cicatricial Alopecia**
Bessam Farjo, MBChB, FISHRS | United Kingdom

1:25PM-1:35PM **My Techniques for Transplanting Hair Into Scars**
Frank Neidel, MD | Germany

1:35PM-2:00PM **Panel Discussion**



WORKSHOPS BANK 1 Continued

104 WORKSHOP Non-Surgical– Medications for MPHL and FPHL

Valley Room LEVEL 1

DATE Friday | November 15, 2019

TIME 12:30PM-2:00PM

LEVEL Physicians Only

Director: Nilofer P. Farjo, MBChB, FISHRS | UK**Faculty:**

Russell Knudsen, MBBS, FISHRS | Australia

Mario Marzola, MBBS | Australia

Dow B. Stough, MD | USA

We will provide an updated summary on the current nonsurgical therapies for female and male pattern hair loss including the correct use of oral and topical medications either as single or combined therapy. Research into possible new therapies will be briefly mentioned but the focus will be on algorithms for treating hair loss patients. Practical cases will be presented to the panel and audience for discussion.



Nilofer P. Farjo, MBChB

12:30PM-12:40PM **Topical and Oral Minoxidil**
Mario Marzola, MBBS | Australia

12:40PM-12:50PM **Topical and Oral Finasteride**
Russell Knudsen, MBBS, FISHRS | Australia

12:50PM-1:00PM **Spironolactone**
Dow B. Stough, MD | USA

1:00PM-1:10PM **Drugs Under Investigation**
Nilofer P. Farjo, MBChB, FISHRS | UK

1:10PM-1:40PM **Case Presentations**

1:40PM-2:00PM **Discussion and Questions & Answers**

105 WORKSHOP SMP

General Session room - Ballroom 2 LOBBY LEVEL (LEVEL 2)

DATE Friday | November 15, 2019

TIME 12:30PM-2:00PM

LEVEL All Categories

English-to-Mandarin simultaneous interpretation

Director: Timothy P. Carman, MD, FISHRS | USA**Faculty:**

Dawn Forshaw | United Kingdom

Robert S. Haber, MD, FISHRS | USA

Milena Lardi | Italy

William R. Rassman, MD | USA

Ronald L. Shapiro, MD, FISHRS | USA

Tarryn Vice | United Kingdom

Sara M. Wasserbauer, MD, FISHRS | USA

Greg Williams, MBBS, FISHRS | United Kingdom

Scalp Micropigmentation (SMP) is a powerful adjunctive therapy to complement any hair transplantation practice. It is a subtle tool which can be used in aiding cosmesis related to low follicular density or scarring from previous surgery. It accomplishes this by decreasing the appearance of color contrast between the hair and scalp. This workshop will address the basics of the science behind the different types of available pigments and how they interact with dermal tissue, the available systems and techniques for delivering these pigments, patient selection and indications, and how to deliver this care in a safe, responsible manner.



Timothy P. Carman, MD



12:30PM-12:37PM **Artistic Goals in SMP**
Timothy P. Carman, MD, FISHRS | USA

12:37PM-12:44PM **Safety in SMP**
Greg Williams, MBBS, FISHRS | United Kingdom

12:44PM-12:51PM **Dermatologic Consequences of SMP**
Robert S. Haber, MD, FISHRS | USA

12:51PM-12:58PM **Technical Aspects of SMP I**
Tarryn Vice | United Kingdom

12:59PM-1:04PM **Questions & Answers**

1:05PM-1:09PM **Rotate Panel**

1:10PM-1:17PM **Technical Aspects of SMP II: SMP Systems**
Milena Lardi | Italy

1:17PM-1:24PM **Technical Aspects of SMP III: SMP Systems**
Dawn Forshaw | United Kingdom

1:24PM- 1:31PM **Proper Selection of Patients/SMP Consultation**
William R. Rassman, MD | USA

1:31PM-1:38PM **Practice Integration of SMP**
Ronald L. Shapiro, MD, FISHRS | USA

1:39PM-1:46PM **Complications/Revisions in SMP**
Sara M. Wasserbauer, MD, FISHRS | USA

1:47PM-1:54PM **New Frontiers in SMP**
William R. Rassman, MD | USA

1:55PM-2:00PM **Questions & Answers**



WORKSHOPS BANK 2

**111 WORKSHOP The Recipient Area:
Incision Making and Graft Placing**

Valley Room LEVEL 1

DATE Friday | November 15, 2019

TIME 2:45PM-4:15PM

LEVEL Physicians Only

Director:

Konstantinos Anastassakis, MD, PhD | Greece

Faculty:

Steven P. Gabel, MD, FISHRS | USA

Sharon A. Keene, MD, FISHRS | USA

Paul McAndrews, MD, FISHRS | USA

Georgios Zontos, MD, PhD, FISHRS | Denmark

Transplanting the harvested follicular grafts in the recipient area consists of two surgical steps: site creation and placement of grafts in the sites. In this workshop we will provide an updated summary on the theory and practice of minimal injury of the recipient area and the art of gentle graft insertion. A variety of instruments for recipient site creation and for atraumatic insertion will be reviewed and compared. Pros and cons of each will be discussed with expert presentations, and video demonstrations.



K. Anastassakis, MD, PhD

2:45PM-2:47PM **Welcome**

Konstantinos Anastassakis, MD, PhD | Greece

INCISION MAKING

2:47PM-2:48PM **Tools and Techniques –****Poll: Do You Use Needles or Microblades?**

Konstantinos Anastassakis, MD, PhD | Greece

2:49PM-3:05PM **Principles of Site Planning, Instrumentation and Creation – Overview**

Konstantinos Anastassakis, MD, PhD | Greece

3:06PM-3:16PM **Planning the Distribution of Recipient Sites**

Sharon A. Keene, MD, FISHRS | USA

3:17PM-3:27PM **Coronal vs Sagittal Incisions**

Georgios Zontos, MD, PhD, FISHRS | Denmark

3:27PM-3:36PM **Panel Discussion: Site Creation Tools and Techniques**

All Faculty

GRAFT PLACEMENT

3:37PM-3:38PM **Tools and techniques –****Poll: Do You Place with Forceps or Implanters?**

Konstantinos Anastassakis, MD, PhD | Greece

3:39PM-3:49PM **Principles of Graft Placement**

Konstantinos Anastassakis, MD, PhD | Greece

3:50PM-4:05PM **Post-Graft Placement Perfection: Taking it to the Next Level**

Steven P. Gabel, MD, FISHRS | USA

4:06PM-4:15PM **Placement Videos, Tips and Tricks**

All Faculty

4:15PM **Key Learnings & Wrap-Up**

All Faculty

112 WORKSHOP FUT - Techniques to Create a Narrow Scar

The Study LEVEL 1

DATE Friday | November 15, 2019

TIME 2:45PM-4:15PM

LEVEL Physicians Only

Director: Marcelo Pitchon, MD | Brazil**Co-Director:**

Ricardo Gomes de Lemos, MD | Brazil

Faculty:

Vincenzo Gambino, MD, FISHRS | Italy

Akaki Tsilosani, MD, PhD, FISHRS | Georgia

Ali Emre Karadeniz, MD | Turkey

Faculty will introduce participants to the fundamental elements of optimal strip harvesting, identifying and predicting a safe donor area. Also students will learn how to estimate the donor area yield and how to plan and harvest a strip with minimal follicle transection, as well as to minimize scarring and create a narrow scar. The planning and execution techniques will be covered comprehensively.



Marcelo Pitchon, MD



R. Gomes de Lemos, MD

2:45PM-3:00PM **Why and How I Do FUT**

Akaki Tsilosani, MD, PhD, FISHRS | Georgia

3:00PM-3:15PM

Harvesting- Maximizing Grafts by Avoiding Transection and Double Closure Technique to Minimize Scarring
Surgical Video

Vincenzo Gambino, MD, FISHRS | Italy

3:15PM-3:30PM

Strip Harvesting with Minimal Scar: Good Sense in Planning
Ricardo Gomes de Lemos, MD | Brazil

3:30PM-3:45PM

MED SHALLOW FUT– Minimum Excision Depth
Bulb Level Donor Strip
Marcelo Pitchon, MD | Brazil

3:45PM-4:00PM

Why FUT
Ali Emre Karadeniz, MD | Turkey

4:00PM-4:15PM

Questions & Answers

WORKSHOPS BANK 2 Continued

113 WORKSHOP Implanters

Garden Gallery LEVEL 1

DATE Friday | November 15, 2019

TIME 2:45PM-4:15PM

LEVEL Physicians Only

Director:

Conradin von Albertini, MD, FISHRS | Switzerland

Faculty:

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

Mauro Speranzini, MD | Brazil

Piero Tesauo, MD | Italy

Arthur Tykocinski, MD, FISHRS | Brazil

The aim of the workshop is to provide practical insights into the use of implanters. We will review a variety of implantation devices including the pros and cons of each. Furthermore, we will discuss how to avoid the most common problems when integrating implanters in one's practice, e.g. popping and bleeding, and share tips for optimizing the results.

The workshop is based on expert presentations, video demonstrations, panel discussions and will offer ample opportunities for questions and answers.



Conradin von Albertini, MD

2:45PM-2:47PM **Welcome**

Conradin von Albertini, MD, FISHRS | Switzerland

IMPLANTER TOOLS AND TECHNIQUES

2:47PM-2:48PM **Poll: Do You Use Implanters?****What Kind of Implanters Do You Use?**

Conradin von Albertini, MD, FISHRS | Switzerland

2:49PM-2:52PM **Overview**

Mauro Speranzini, MD | Brazil

2:53PM-2:58PM **Sharp Implanters**

Sungjoo Tommy Hwang, MD, PhD, FISHRS | South Korea

2:59PM-3:04PM **Dull Implanters**

Mauro Speranzini, MD | Brazil

3:05PM-3:07PM **Inserters**

Conradin von Albertini, MD, FISHRS | Switzerland

3:07PM-3:18PM **Panel Discussion and Questions & Answers**

All Faculty

PRACTICAL ISSUES

3:20PM-3:21PM **Intro Poll**

Conradin von Albertini, MD, FISHRS | Switzerland

3:22PM-3:26PM **Bleeding, Popping – Causes & Prevention**

Piero Tesauo, MD | Italy

3:26PM-3:29PM **Depth Control with Sharp Implanters**

Sungjoo Tommy Hwang, MD, PhD, FISHRS | South Korea

3:29PM-3:33PM **Avoiding Graft Injuries**

Conradin von Albertini, MD, FISHRS | Switzerland

3:33PM-3:42PM **Panel Discussion and Questions & Answers**

All Faculty

ORGANIZATIONAL FLOW

3:43PM-3:46PM **Overview: Various Organizational Solutions**

Arthur Tykocinski, MD, FISHRS | Brazil

3:46PM-3:49PM **The Implanter Board**

Arthur Tykocinski, MD, FISHRS | Brazil

3:49PM-3:52PM **High Efficiency Solution with Sharp Implanters**

Conradin von Albertini, MD, FISHRS | Switzerland

3:52PM-3:55PM **High Speed Solution with Dull Implanters**

Mauro Speranzini, MD | Brazil

3:55PM-3:58PM **High Efficiency Solution with Dull Implanters**

Piero Tesauo, MD | Italy

3:58PM-4:08PM **Panel Discussion and Questions & Answers**

All Faculty

4:09PM-4:10PM **Poll**

Conradin von Albertini, MD, FISHRS | Switzerland

4:11PM-4:15PM **Key Learnings & Wrap-Up**

Conradin von Albertini, MD, FISHRS | Switzerland



114 WORKSHOP Beard and Body Hair Transplants**Corundum LEVEL 3****DATE** Friday | November 15, 2019**TIME** 2:45PM-4:15PM**LEVEL** Physicians Only**Director:**

Anil Garg, MBBS, MS, MCh, FISHRS | India

Faculty:

Seema Garg, MBBS, MSc | India

Parsa Mohebi, MD, FISHRS | USA

Rajendrasingh Rajput, MBBS, MCh, FISHRS | India

Marie A. Schambach, MD | Guatemala

Robert H. True, MD, MPH | USA

In higher grades of scalp hair loss there is discrepancy between scalp donor follicle supply and recipient area demand. Body hair follicles (beard, chest, abdomen, and extremity) are a good donor source and can be used to augment donor demand above available scalp hair. There is also increasing demand for facial hair reconstruction and enhancement, including eyebrow and beard, using modern hair transplantation techniques. The faculty will discuss the differences in scalp and body hair (from multiple locations) with respect to growth cycle and shaft diameter as well as patient selection and the technical challenges of body hair transplantation including, anesthesia, extraction, and placement. Faculty will also discuss beard and eyebrow reconstruction and enhancement.



Anil Garg, MBBS, MS, MCh

2:45PM-2:47PM Introduction of Faculty

Anil Garg, MBBS, MS, MCh, FISHRS | India

2:47PM-3:02PM Facial Hair Reconstruction (Beard and Eyebrow)

Marie A. Schambach, MD | Guatemala

3:02PM-3:17PM Beard as Donor

Robert H. True, MD, MPH | USA

3:17PM-3:32PM Body as Donor (Other than Beard)

Parsa Mohebi, MD, FISHRS | USA

3:32PM-3:47PM Combination of Scalp and Body Hair

Anil Garg, MBBS, MS, MCh, FISHRS | India

SHORT VIDEOS**3:47PM-3:50PM Contra Angle Punch for Beard Follicle Harvesting**

Rajendrasingh Rajput, MBBS, MCh, FISHRS | India

3:50PM-3:53PM No Touch to Root and Simultaneous Extraction and Implantation

Seema Garg, MBBS, MSc | India

3:53PM-4:15PM Panel Discussion and Questions & Answers

All Faculty

115 WORKSHOP Stem Cells**General Session room - Ballroom 2 LOBBY LEVEL (LEVEL 2)****DATE** Friday | November 15, 2019**TIME** 2:45PM-4:15PM**LEVEL** All Categories

English-to-Mandarin simultaneous interpretation

Director: Gorana Kuka-Epstein, MD | Serbia**Faculty:**

Jerry E. Cooley, MD, FISHRS | USA

Jeffrey S. Epstein, MD, FISHRS | USA

Gillian Westgate, PhD | United Kingdom



Gorana Kuka-Epstein, MD



Regenerative (stem) cells have an emerging role in many fields of medicine and in just the past few years there has been an increased interest in this therapy for hair loss. This workshop will review both known and potential future indications/aspects of different stem cell therapies and will present available data to date. There is also a scientific review of the role of adipose tissue as a hair loss treatment.

2:45PM-2:57PM Stem Cells – Myth or Reality**Video Presentation**

Paul T. Rose, MD, JD, FISHRS | USA

2:57PM-3:09PM Adipose Stem Cells: Natural Companions and/or Regenerative Tool for Hair Growth?

Gillian Westgate, PhD | United Kingdom

3:09PM-3:21PM Rigenera and the Role of Stem Cells as a Hair Thickening Agent

Jerry E. Cooley, MD, FISHRS | USA

3:21PM-3:33PM The Role of Stem Cells and Fat Grafting in Treating Different Types of Alopecia-Indications, Technique, Results

Gorana Kuka Epstein, MD | Serbia

3:33PM-3:45PM Where I See Cell Therapy Having a Role in the Hair Restoration Practice

Jeffrey S. Epstein, MD, FISHRS | USA

3:45PM-3:55PM Introduction to Stem Cell Harvesting and Injection Tools

All Faculty

3:55PM-4:15PM Questions & Answers

THANK YOU FACULTY

We truly appreciate your dedication and expertise in the planning, preparation, and presentation of materials to contribute to the success of the World Congress and World Live Surgery Workshop!

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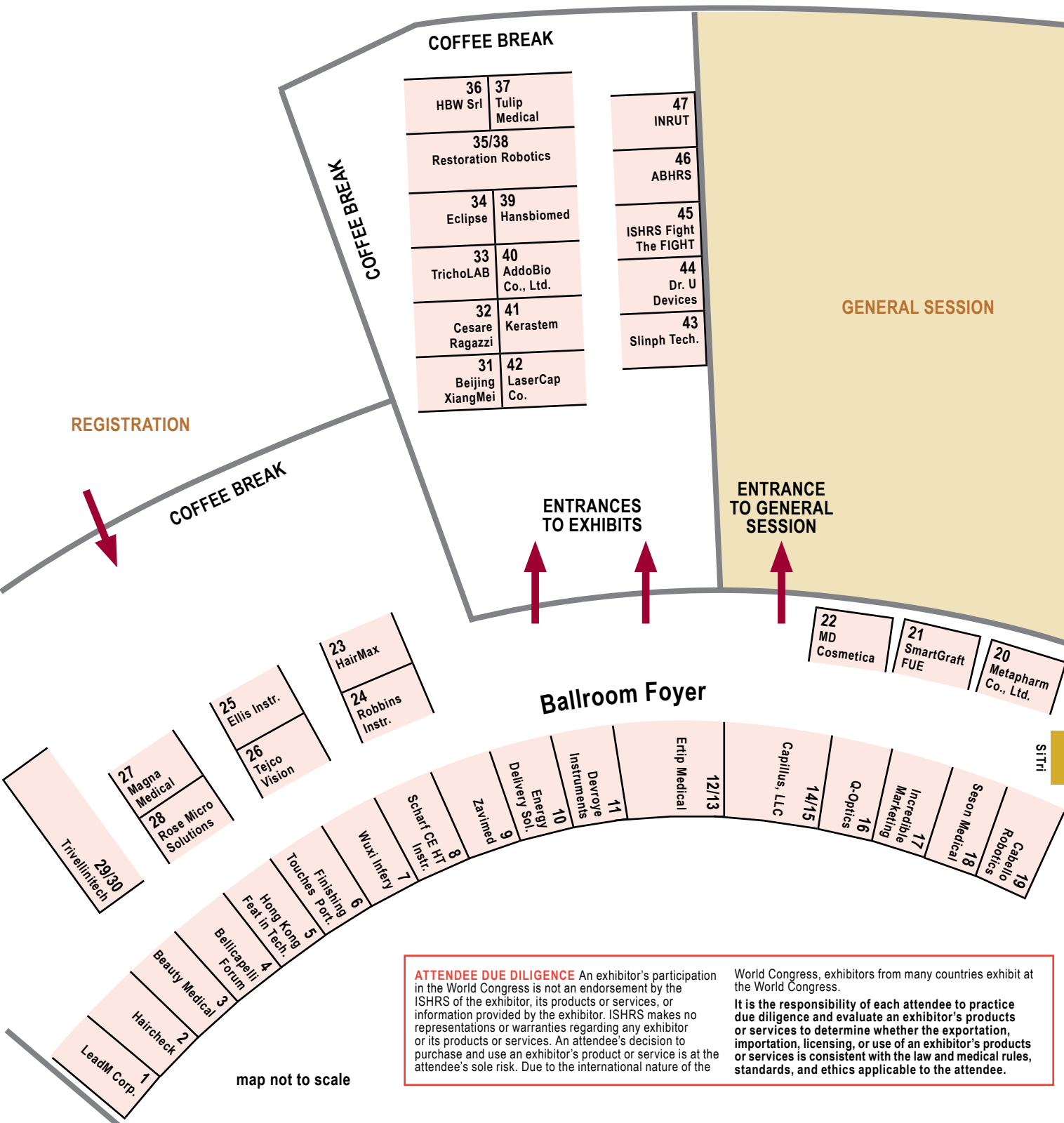
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* Submitted video or PPT presentation, not in person

EXHIBITS

Ballroom 3 & Function Foyer LOBBY LEVEL (LEVEL 2)

THURSDAY November 14, 2019	7:30AM-8:00PM
FRIDAY November 15, 2019	8:15AM-6:15PM
SATURDAY November 16, 2019	7:30AM-12:30PM



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Ronald Benitez, CEO

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Libin, Sales Manager

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info@abhrrs.org, www.abhrrs.org

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

The American Board of Hair Restoration Surgery examines & certifies qualified surgeons and seeks to establish speciality standards regarding a surgeon's skill, knowledge & aesthetic judgment in the speciality of Hair Restoration Surgery.

S.I.Tri. – Italian Society for Hair Science and Restoration

Space: Ballroom Foyer

Via San Domenico, 107

50133 – Firenze ITALY

Phone: +393338349750

segreteria@sitri.it, info@sitri.it

www.sitri.it; eventi.sitri.it; formazione.sitri.it

Andrea Vanni, Executive Officer

The Italian Society of Hair Science and Restoration has been established as a non-profit Scientific Medical Association with no political association whose purpose is to establish Trichology as a Scientific Branch in the Medical field as well as in the field of Humanistic Culture. Our main activities consist of: Conferences, Training Courses, Trichology Doctor Registry, Italian Journal of Trichology and much more.





BRIEF AGENDA

WEDNESDAY November 13, 2019	
12:45PM-5:10PM	404: World Live Surgery Workshop (WLSW) Pre-Course Corundum LEVEL 3
FRIDAY November 15, 2019	
6:15PM-10:00PM	WLSW Faculty Meeting for Sunday Faculty 6:15pm Meet at ISHRS Registration Desk
SATURDAY November 16, 2019	
12:00PM-12:45PM	WLSW: Attendee Lunch Box The Tea Lounge LEVEL 1
12:45PM-1:15PM	WLSW: Review of Cases Ballroom 2 LOBBY LEVEL (LEVEL 2)
1:15PM-2:50PM	WLSW: Scalp Micropigmentation Ballroom 2 LOBBY LEVEL (LEVEL 2)
3:00PM-6:30PM	WLSW: Small Group Breakouts
	FUE The Study LEVEL 1
	FUT Valley Room LEVEL 1
	SMP Garden Gallery LEVEL 1
SUNDAY November 17, 2019	
6:00AM/6:30AM	Breakfast On Own
6:45AM	Load Faculty Bus
DEPART 7:00AM	From hotel to hospital
7:00AM-8:30AM	Satellite WLSW Registration Desk At hotel Ballroom Foyer LOBBY LEVEL (LEVEL 2)
8:15AM	Load Attendees Bus
DEPART 8:30AM	From hotel to hospital
9:00AM-4:00PM	WLSW: Observation of Live Surgical Cases of FUE & FUT & SMP + Additional SMP Hands-On Practice At hospital
9:00AM-3:30PM	WLSW Exhibits At hospital
3:15PM	WLSW Return Busses
3:45PM	From hospital to hotel
4:15PM	
4:30PM	

ยินดีต้อนรับ WELCOME WORLD LIVE SURGERY WORKSHOP

Dear Teachers, Friends and Colleagues,

Sawasdee krab

Welcome to the Vibrant city of Bangkok!

First of all, we would like to thank you for taking out the time from your hectic schedule and committing yourself to the World Live Surgery Workshop of this year- The Triple Crown.

As the name suggests, this program is unique as it has all the three aspects of Hair Restoration – FUE, FUT & SMP.

We are feeling proud to share that we have more than 50 faculty members who will be sharing their experience with all of us on Wednesday, Saturday and Sunday.

On 13th November, Wednesday, we will have a didactic WLSW Pre Course. It will consist of the lectures related to all the techniques of hair restoration, FUT, FUE and SMP.

On 16th afternoon, we will have lectures in the latest developments in the science and art of the SMP procedure. And after that, there will be an opportunity to have hands on demonstration in SMP, get a feel of all the available devices in FUE and discuss the finer points with the masters of FUT.

On 17th November, we will get an opportunity to see FUE+ FUT; FUT; FUE scalp; FUE excisions from Body; Long Hair FUE and live SMP for the first time in ISHRS LSW; and implantation with all the available techniques simultaneously in the six ORs.

We hope that you will get the best academics and fun in Bangkok!

Khob khun krab

Kapil Dua, MD, MS, FISHRS | India
WLSW Triple Crown Chair

Ken L. Williams, Jr., DO, FISHRS | USA
WLSW FUE Co-Chair

Damkerng Pathomvanich, MD, FISHRS | Thailand
WLSW FUT Co-Chair

Timothy P. Carman, MD, FISHRS | USA
WLSW SMP Co-Chair



Kapil Dua, MD, MS



Ken L. Williams, Jr., DO



D. Pathomvanich, MD



Timothy P. Carman, MD

WEDNESDAY | November 13, 2019

12:45PM-5:10PM 404: WLSW Pre-Course
Corundum LEVEL 3
Session A: Novice Level Content

Moderator: Ken L. Williams Jr., DO, FISHRS | USA

12:45PM-12:50PM	5 Welcome & Introduction Ken L. Williams Jr., DO, FISHRS USA
12:50PM-12:55PM	5 Ethics – FUE & Strip Donor Harvesting Steven P. Gabel, MD, FISHRS USA
12:56PM- 1:04PM	8 FUE Basics David S. Josephitis, DO, FISHRS USA
1:05PM-1:11PM	6 FUT Basics & Advantage of Strip Harvesting in Hair Transplantation Sara M. Wasserbauer, MD, FISHRS USA
1:12PM-1:18PM	6 SMP Basics Timothy P. Carman, MD, FISHRS USA
1:19PM-1:25PM	6 FUE Instrumentation – Devices and Punch Design Mauro Speranzini, MD Brazil
1:26PM-1:31PM	5 Strip & FUE Ergonomics Ken L. Williams Jr., DO, FISHRS USA
1:32PM-1:37PM	5 FUE & FUT Anesthesia Samuel M. Lam, MD, FISHRS USA
1:38PM-1:43PM	5 Best Practices – Determining FUE Transection and Missing Graft Rates Asim I. Shahmalak, MBBS, FRCS United Kingdom
1:44PM-1:49PM	5 Best Practices – FUE Donor Harvesting Management Parsa Mohebi, MD, FISHRS USA
1:50PM-1:56PM	6 SMP Consultation/Patient Selection Sara M. Wasserbauer, MD, FISHRS USA
1:57PM-2:02PM	5 Questions & Answers
2:03PM-2:11PM	8 Different Techniques in Strip Harvesting and Wound Closure to Minimize Donor Scar Damkerng Pathomvanich, MD, FISHRS Thailand
2:12PM-2:19PM	7 Challenging FUE Patients David S. Josephitis, DO, FISHRS USA
2:20PM-2:26PM	6 Complications of FUE & FUT Márcio Cristóstomo, MD, FISHRS Brazil
2:27PM-2:33PM	6 The Technique Used in Subsequent Strip Harvesting Greg Williams, MBBS, FISHRS United Kingdom
2:34PM-2:40PM	6 How I Do It Marie A. Schambach, MD Guatemala
2:41PM-2:47PM	6 Best Practices – FUE Donor Harvesting & Its Limits Steve P. Gabel, MD, FISHRS USA
2:48PM-3:00PM	12 Questions & Answers
3:00PM-3:15PM	15 Coffee Break

Session B: Intermediate Level Content

Moderator: Damkerng Pathomvanich, MD, FISHRS | Thailand

3:15PM-3:17PM	2 Session Introduction Damkerng Pathomvanich, MD, FISHRS Thailand
3:18PM-3:24PM	6 Long Hair FUE Luis Roberto Trivellini, MD Paraguay
3:25PM-3:31PM	6 Graft Quality Index, FUE and FUT Graft Classification Bradley R. Wolf, MD, FISHRS USA
3:32PM-3:37PM	5 Best Practices: In-Vivo Graft Splitting and Punch Size Determination Ken L. Williams Jr., DO, FISHRS USA
3:38PM-3:45PM	7 The Challenge of Horizontal or Vertical Strip Slivering & Graft Dissection Sandeep S. Sattur, MCh India
3:46PM-3:53PM	7 Any Role for Mini Graft, Chubby Graft, Skinny Graft During Grafts Dissecting Rajesh Rajput, MCh, FISHRS India
3:54PM-4:01PM	7 Advantage & Disadvantage of the Combination of FUT + FUE Márcio Cristóstomo, MD, FISHRS Brazil
4:02PM-4:07PM	5 Integration of SMP with FUT/FUE William R. Rassman, MD USA
4:08PM-4:14PM	6 FUE Body Hair Aman Dua, MBBS, MD, FISHRS India
4:15PM-4:22PM	7 Are FUT and FUE Grafts the Same or Different? A Molecular Comparison Bradley R. Wolf, MD, FISHRS USA
4:23PM-4:30PM	7 FUT Complications its Management Marc R. Avram, MD, FISHRS USA
4:31PM-4:37PM	6 FUE Complications – Scalp and Body Aman Dua, MBBS, MD, FISHRS India
4:38PM-4:43PM	5 Megasession FUE Marie A. Schambach, MD Guatemala
4:44PM-4:51PM	7 Management of Wide Donor Scar Carlos J. Puig, DO, FISHRS USA
4:52PM-4:57PM	5 The Role of FUT in the Future Samuel M. Lam, MD, FISHRS USA
4:58PM-5:10PM	12 Wrap-Up and Questions & Answers

FRIDAY | November 15, 2019

6:15PM-10:00PM **WLSW Faculty Meeting for Sunday Faculty**
6:15pm meet at ISHRS Registration Desk

SATURDAY | November 16, 2019

12:00PM-12:45PM **WLSW Attendees Lunch**
The Tea Lounge LEVEL 1

12:45PM-3:00PM **WLSW Triple Crown**
Ballroom 1 & 2 LOBBY LEVEL (LEVEL 2)

12:45PM-12:50PM **5 Welcome & Introductory Remarks**
Kapil Dua, MBBS, MS, FISHRS | India

12:50PM-1:10PM **20 Review of the Cases**
Kapil Dua, MBBS, MS, FISHRS | India
Damkerng Pathomvanich, MD, FISHRS | Thailand

1:10PM-1:15PM **5 Housekeeping Items for Live Surgery in the Hospital**
Victoria Ceh, MPA | USA
Ratchathorn Panchaprateep, MD, PhD, FISHRS | Thailand

Scalp Micropigmentation Lectures & Discussion
Moderator: Timothy P. Carman, MD, FISHRS | USA

1:15PM-1:22PM **7 Opening Remarks/Artistic Goals in SMP**
Timothy P. Carman, MD, FISHRS | USA

1:23PM-1:30PM **7 Safety in SMP**
Greg Williams, MBBS, FISHRS | United Kingdom

1:31PM-1:38PM **7 Dermatologic Consequences of SMP**
Robert S. Haber, MD, FISHRS | USA

1:39PM-1:46PM **7 Technical Aspects of SMP, Part I**
Tarryn Vice | United Kingdom

1:46PM-1:51PM **5 Questions & Answers**

1:52PM-1:56PM **4 Rotate Panel**

1:57PM-2:04PM **7 Technical Aspects of SMP, Part II: Machines**
Milena Lardi, Beauty Medical | Italy

2:04PM-2:11PM **7 Technical Aspects of SMP, Part III: Machines**
Dawn Forshaw, Finishing Touches Group | United Kingdom

2:12PM-2:19PM **7 Complications/Revisions in SMP**
Sara M. Wasserbauer, MD, FISHRS | USA

2:20PM-2:27PM **7 Proper Selection of Patients/SMP Consultation**
Nilofer P. Farjo, MBChB, FISHRS | United Kingdom

2:28PM-2:35PM **7 Practice Integration of SMP**
Ronald L. Shapiro, MD, FISHRS | USA

2:36PM-2:43PM **7 New Frontier in SMP**
William R. Rassman, MD | USA

2:44PM-2:49PM **5 Questions & Answers**

2:50PM-3:00PM **Walk to Breakouts & Coffee Break**
The Tea Lounge LEVEL 1





SATURDAY | November 16, 2019 (CONTINUED)

3:00PM-6:30PM WLSW: Small Group Breakouts SMP, FUE, FUT

60 3:00-4:00 Rotation 1 **10 4:00-4:10** Rotate Rooms

60 4:10-5:10 Rotation 2 **10 5:10-5:20** Rotate Rooms

60 5:20-6:20 Rotation 3 **10 6:20-6:30** Conclusion
remarks in each room

Attendees will have the chance to rotate to all three breakout rooms.
Attendees will be split into three equal-sized groups.
The group stays together and will rotate every 60 minutes to the next room.

SMP ROOM The Garden Gallery LEVEL 1

Beauty Medical SMP Devices Faculty

1. Milena Lardi (staff) | Italy
2. Timothy P. Carman, MD, FISHRS | USA
- Diana Carmona (staff) | USA
3. Robert S. Haber, MD, FISHRS | USA
- Mary Matsuda (staff) | Greece
4. Ron Shapiro, MD, FISHRS | USA
- Nicole Large (staff) | USA

Finishing Touches SMP Devices Faculty

5. Dawn Forshaw (staff) | United Kingdom
- Emma Furlong (staff) | United Kingdom
6. Jae-Hyun Park, MD | South Korea
7. Sara M. Wasserbauer, MD, FISHRS | USA
- Erik Carlson (staff) | USA
8. Greg Williams, MBBS, FISHRS | United Kingdom
- Nilofer P. Farjo, MBChB, FISHRS | United Kingdom
- Tarryn Vice (staff) | United Kingdom

FUE ROOM The Study LEVEL 1

5 Introductory Remarks

Ken L. Williams, Jr., DO, FISHRS | USA

5 Lectures on New Technology in FUE WAW Device

Jean M. Devroye, MD, FISHRS | Belgium

5 Blunt/Flat Punches

James A. Harris, MD, FISHRS | USA

5 Trivellini Device

Luis Roberto Trivellini, MD | Paraguay

5 Dr.UGraft Device

Sanusi Umar, MD, FISHRS | USA

35 Visit Tables/ Free Rotation

TABLES AND FACULTY

1 WAW Device

Jean M. Devroye, MD, FISHRS | Belgium

2 Blunt/Flat Punches

James A. Harris, MD, FISHRS | USA

3 Dr.UGraft Device

Sanusi Umar, MD, FISHRS | USA

4 Robotic FUE

Bessam K. Farjo, MBChB, FISHRS | United Kingdom

5 Trivellini Device

Luis Roberto Trivellini, MD | Paraguay

6 Cole Vortex Device

Chiara Insalaco, MD | Italy

7 Ask an Expert Table – FUE vs FUT

Sharon A. Keene, MD, FISHRS | USA

FUT ROOM The Valley LEVEL 1

5 Introduction and Overview of FUT

Robin Unger, MD | USA

8 Strip Calculation Lecture + Video

Damkerng Pathomvanich, MD, FISHRS | Thailand

8 Strip Design

Samuel M. Lam, MD, FISHRS | USA

15 Panel Discussion and Strip Calculation and Strip Design

Faculty

7 Modified Technique of Donor Harvesting

Marcelo Pitchon, MD | Brazil

7 Wound Closure

M. Humayun Mohmand, MD, FISHRS | Pakistan

10 Panel Discussion

Faculty

SUNDAY | November 17, 2019

FROM Eat breakfast on own 6:00AM/6:30AM Eat breakfast on own prior to boarding the busses.	9:15AM/9:30AM Surgeons start the cases Attendees go to different O.R.s by rotation on their own FLOOR 6 Attendees go to Audience Theater room as they prefer FLOOR 12
6:45AM Load Faculty Bus 7:00am DEPART from hotel to hospital	10:00AM-4:00PM ISHRS Info Desk At hospital LEVEL 12
7:00AM-8:30AM Satellite WLSW Registration Desk At hotel Ballroom Foyer LOBBY LEVEL (LEVEL 2)	11:30AM-1:30PM Lunch Available for Attendees & Faculty Cafeteria FLOOR 13
7:30AM Faculty Arrive Hospital	3:15PM Load Bus 3:30PM DEPART from hospital to hotel
8:15AM Load Attendees Bus 8:30am DEPART from hotel to hospital	3:45PM Load Bus 4:00PM DEPART from hospital to hotel
9:00AM Attendees Arrive hospital All go to Audience Theater room FLOOR 12	4:15PM Load Bus 4:30PM DEPART from hospital to hotel
9:00AM-4:00PM WLSW: Observation of Live Surgical Cases of FUE & FUT & SMP + Additional SMP Hands-On Practice	4:30PM Load Bus 4:45PM DEPART from hospital to hotel
9:00AM-3:30PM WLSW Exhibits At hospital LEVEL 12	

SURGICAL CASES | SUNDAY | November 17, 2019

	OR601	OR602	OR603	OR604	OR605	OR606
HARVESTING TECHNIQUE	FUT + FUE	FUT	Body hair FUE	Scalp Micropigmentation	Long Hair FUE scalp excision	FUE
IMPLANTATION TECHNIQUE	Forceps + Sharp Implanters	Forceps + Sharp Implanters	Implanters + Forceps	Live Demonstration of 4 Cases of SMP	Implanters	Dull Implanters
9:00AM - 9:30AM	Surgical plan & hairline design	Surgical plan & hairline design	Surgical plan & hairline design	CASE 1 9:00am-10:30am	Surgical plan & hairline design	Surgical plan & hairline design
9:30AM - 10:00AM	Anesthesia	Anesthesia	Anesthesia		Anesthesia	Anesthesia
10:00AM - 11:00AM	FUT harvesting	Strip planning & harvesting, closure Demonstration of slivering & dissecting grafts	FUE	CASE 2 10:30am-12:00pm	FUE	Recipient Site Slit-making FUE
11:00AM - 12:00PM	FUE	Slit-making with CTS blade	FUE		FUE	Implantation (Dull Implanters)
12:00PM - 1:00PM	FUE	Implantation (Sharp implanters)	FUE	CASE 3 12:00pm-1:30pm	FUE	FUE
1:00PM - 2:00PM	Implantation (Sharp Implanters)	Implantation (Forceps)	Implantation (Implanters)	CASE 4 1:30pm-3:00pm	Implantation (Sharp Implanters)	FUE
2:00PM - 4:00PM	Recipient site slit-making with CTS blades Implantation (Forceps)		Slit making with CTS blades Implantation (Forceps)			Implantation (Forceps)
				9:00am-4:00pm Perimeter of room: 2 stations for attendee hands-on on synthetic tissue		

King Chulalongkorn Memorial Hospital (KCM Hospital)



Bhumisiri Mangkhalanusorn Building
1873 Rama IV Road
Pathumawan, Bangkok Thailand

TRANSPORTATION BETWEEN HOTEL & HOSPITAL

Transportation will be provided between the Shangri-La Hotel Bangkok and King Chulalongkorn Memorial Hospital (KCM Hospital) for faculty, attendees, and exhibitors of the World Live Surgery Workshop. Workshop participants must wear their attendee badge to be admitted to the bus and hospital.

SHUTTLE SCHEDULE ON SUNDAY | NOVEMBER 17, 2019

BUSES

From Shangri-La Hotel to KCM Hospital

6:45AM Load | 7:00AM Depart | Faculty & Exhibitor
8:15AM Load | 8:30AM Depart | WLSW Attendee

Pick-up location at Shangri-La Hotel

Ballroom Foyer LOBBY LEVEL (LEVEL 2)
near ISHRS Registration desk

RETURN BUSES

From KCM Hospital to Shangri-La Hotel

3:15PM Load | 3:30PM Depart
3:45PM Load | 4:00PM Depart
4:15PM Load | 4:30PM Depart
4:30PM Load | 4:45PM Depart

Pick-up location at KCM Hospital

Same location as drop-off GROUND FLOOR

WHAT TO WEAR TO THE HOSPITAL Wear your personal surgical scrubs to the hospital. You will receive a disposable gown, cap, foot covers, and mask upon arrival.

WHAT TO BRING TO THE HOSPITAL

- Belt pack – can be used for your personal items (e.g., wallet, hotel room key, cell phone, chap stick)
- Small notebook with pen – fits in belt pack

WHAT NOT TO BRING TO THE HOSPITAL

- Do not bring valuables.
- Do not bring laptops.
- Do not bring purses or hand bags.
Use the belt pack and wear it for personal items.
- Do not bring unnecessary items to the surgery center.

MEALS

Saturday Lunch provided at the hotel for WLSW registrants. Afternoon coffee break provided.

Sunday Eat breakfast on your own prior to boarding the bus. Lunch and refreshments will be provided at the hospital.

CERTIFICATES AND CME CREDITS The WLSW portion of the World Congress is not sanctioned for CME credit. A certificate of attendance suitable for framing will be issued to attendees.

OFFICIAL LANGUAGE: ENGLISH There is no simultaneous interpretation offered for the WLSW.

TARGET AUDIENCE We are expecting 250 in attendance with varying degrees of knowledge and experience in hair restoration surgery. All participants are physicians. Almost all faculty are physicians, although there are some (SMP demonstrators) who are non-physicians.

EVALUATION SURVEYS The CME Committee kindly requests that you complete the evaluations in the app for the WLSW segments.

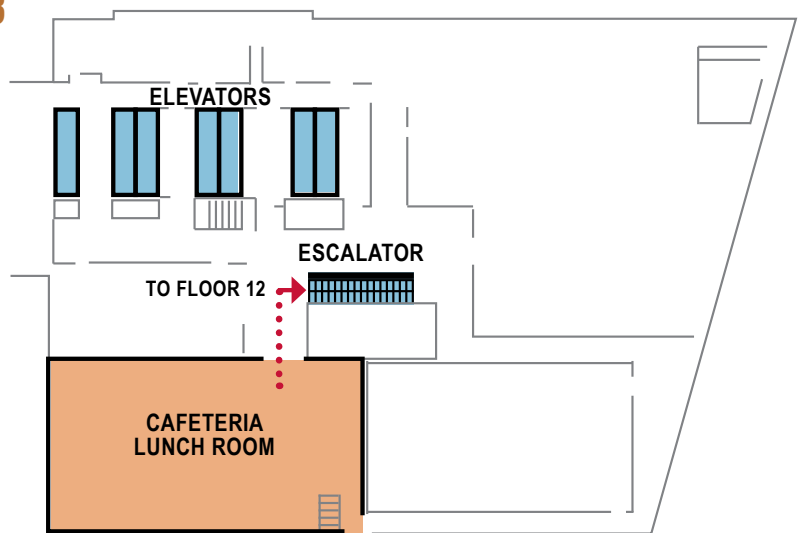
EXHIBITORS



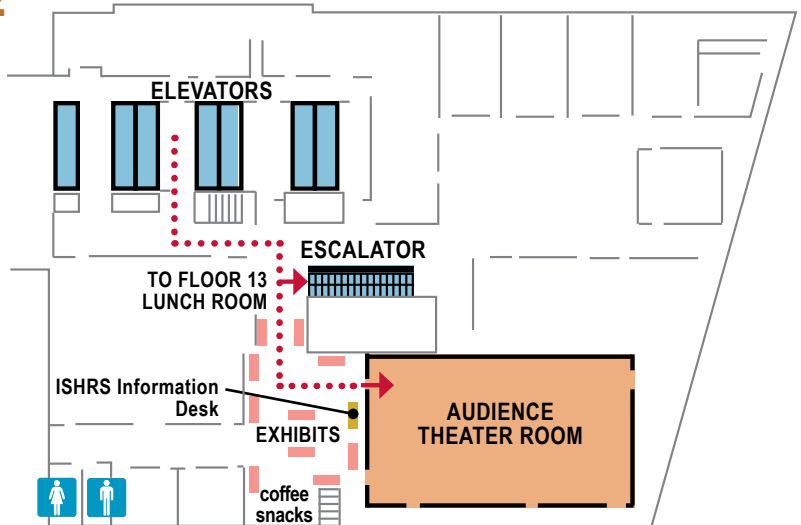
HOSPITAL FLOOR PLANS

ESCALATOR	
	13TH FLOOR
	Cafeteria
	12TH FLOOR
	Audience Theater Room Refreshments Exhibits ISHRS Info Desk
	6TH FLOOR
	Operating Rooms
	GROUND FLOOR
	Bus drop-off and pick-up Entrance
ELEVATOR	

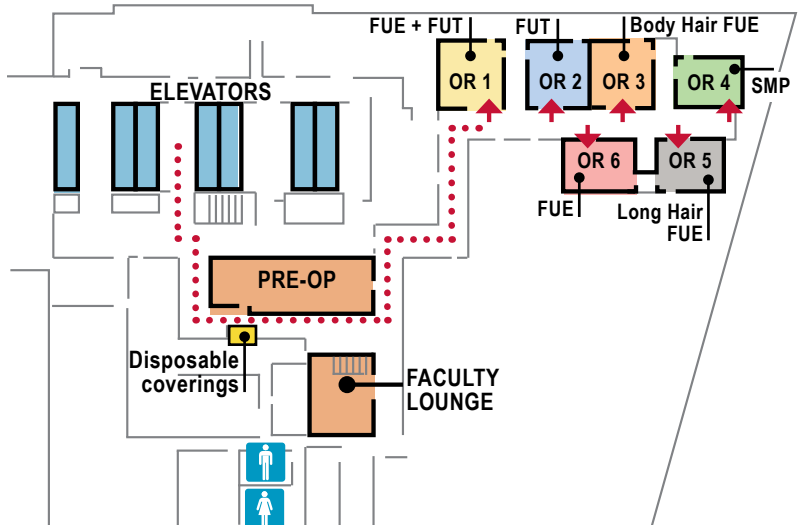
FLOOR 13



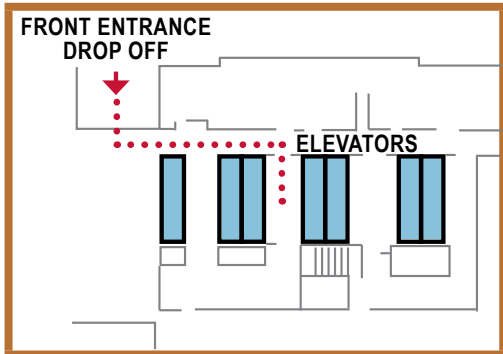
FLOOR 12



FLOOR 6



GROUND FLOOR



THANK YOU

Thank you for your hard work, dedication, and contributions!

WLSW Chair

Kapil Dua, MBBS, MS, FISHRS | India

WLSW Co-Chairs

Timothy P. Carman, MD, FISHRS | USA

Damkerng Pathomvanich, MD, FISHRS | Thailand

Ken L. Williams, Jr., DO, FISHRS | USA

Thai Operating Surgeons

Local Liaison: Damkerng Pathomvanich, MD, FISHRS | Thailand

O.R. Director: Ratchathorn Panchaprateep, MD, PhD, FISHRS | Thailand

Kulakarn Amonpattana, MD, FISHRS | Thailand

Aphakorn Laochuasuwan, MD | Thailand

Kongkiat Laorwong, MD, FISHRS | Thailand

Patra Pinyopawasutthi | Thailand

Chinmanat Tangjaturonrusamee, MD | Thailand

Guest Operating Surgeons

Conradin von Albertini, MD, FISHRS | Switzerland

Otávio Boaventura, MD | Brazil

Marcio Crisostomo, MD, FISHRS | Brazil

Jean M. Devroye, MD | Belgium

Alex Ginzburg, MD, FISHRS | Israel

James A. Harris, MD, FISHRS | USA

Sungjoo Tommy Hwang, MD, PhD, FISHRS | South Korea

Parsa Mohebi, MD, FISHRS | USA

M. Humayun Mohmand, MD, FISHRS | Pakistan

Leoncio E. Moncada, MD | Venezuela

Marcelo Pitchon, MD | Brazil

Marie Andrea Schambach, MD | Guatemala

Ronald L. Shapiro, MD, FISHRS | USA

Mauro Speranzini, MD | Brazil

Luis Roberto Trivellini, MD | Paraguay

Arthur Tykocinski, MD, FISHRS | Brazil

Sanusi H. Umar, MD, FISHRS | USA

Bradley R. Wolf, MD, FISHRS | USA

WenYi (Danny) Wu, MD, FISHRS | Taiwan

SMP Demonstrators

Dawn Forshaw | United Kingdom

Emma Furlong | United Kingdom

Milena Lardi | Italy

Nicole Large | USA

Mary Matsuda | Greece

William R. Rassman, MD | USA

Erik Carlson | USA (staff)

Tarryn Vice (staff)

Note: SMP is a non-medical, adjunctive procedure.

Moderators

Ali Abbasi, MD, FISHRS | Iran

Konstatinos Anastassakis, MD, PhD, FISHRS | Greece

Shady El-Maghraby, MD | Egypt

Anil Garg, MBBS, MSMCh, FISHRS | India

Robert S Haber, MD, FISHRS | USA

Sharon A. Keene, MD, FISHRS | USA

Russell Knudsen, MBBS, FISHRS | Australia

Mario Marzola, MBBS | Australia

Paul M. McAndrews, MD, FISHRS | USA

Rajesh Rajput, MCh, FISHRS | India

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

Ken Washenik, MD, PhD, FISHRS | USA

Faculty

Marc Avram, MD, FISHRS | USA

Aman Dua, MBBS, MD | India

Bessam Farjo, MBChB, FISHRS | United Kingdom

Nilofer Farjo, MBChB, FISHRS | United Kingdom

Steven P. Gabel, MD, FISHRS | USA

Chiara Insalaco, MD | Italy

David S. Josephitis, DO, FISHRS | USA

Samuel M. Lam, MD, FISHRS | USA

Jae-Hyun Park, MD, PhD | South Korea

Carlos J. Puig, DO, FISHRS | USA

Sandeep S. Sattur, MCh | India

Asim I. Shahmalak, MBBS | United Kingdom

Robin Unger, MD | USA

Sara M. Wasserbauer, MD, FISHRS | USA

Greg Williams, MBBS, FISHRS | United Kingdom

Staff & Helpers

Patcharee (Tik) Thienthaworn, RN – Dr. Pat's Coordinator

Tina Lardner – ISHRS Nurse Coordinator

**We express our deep gratitude to
King Chulalongkorn Memorial Hospital
(KCM Hospital)!**





BANGKOK IS A CITY OF CONTRASTS

with action at every turn. Marvel at the gleaming temples, catch a tuk-tuk along the bustling Chinatown or take a longtail boat through floating markets. The boat-filled Chao Phraya River feeds its network of canals (called khlongs), flowing past the Rattanakosin royal district, home to the opulent Grand Palace and its sacred Wat Phra Kaew Temple. Nearby is Wat Pho Temple with an enormous reclining Buddha, and on the opposite shore, Wat Arun Temple with its steep steps and Khmer-style spire.

Attractions include the glittering Buddhist temples, royal palaces, timeless “Venice of the East” river and canal scenes, classical dance extravaganzas, a legendary nightlife, and a wide variety of outstanding dining and entertainment options.

FOOD IS A BANGKOK HIGHLIGHT, from local dishes served at humble street stalls to haute cuisine at romantic rooftop restaurants. Thailand’s mouthwatering, colorful cuisine with is unlike any other with its strong aromatic components and spicy edge.

LUXURY MALLS COMPETE WITH A MULTITUDE OF BOUTIQUES, MARKETS, AND CUSTOM TAILOR SHOPS where you can treat yourself without overspending. Visitors shop for Thai silks, cottons, jewelry, bronze and pewter ware, and many other outstanding handicrafts. The Siam Square/Sukhumvit area is great for shopping, markets, and easy access to the Skytrain. This is a large area that stretches over several miles. Most of Bangkok’s best and biggest malls are in Siam Square. As you move east into the Sukhumvit area the activity moves out onto the streets and alleys, though there are still some large malls in the area.

THE RIVERSIDE AREA is where you’ll find many of Bangkok’s best hotels, including the Shangri-La Hotel Bangkok. Many of Bangkok’s top cultural attractions are near the river, so trips along the river are a great outing and longer trips on private boats are easily arranged along the riverfront.

THONBURI comprises the entire west bank of the Chao Phraya River opposite the city’s center and across from the Shangri-La Hotel. On this side of the river there’s a slower, more relaxed pace that gives visitors a glimpse into traditional Thai culture. Canals make their way through the relatively isolated neighborhoods. Vendors sell noodles from old Thai long tail boats and locals prefer to bicycle through the “sois” (lanes or side roads). The most popular tourist activities in Thonburi are to hire a long tail boat to explore the waterways and floating markets and visit Wat Arun.

BANGKOK IS ALSO A HUB from where you can travel to experience Thailand’s unique beach, island and mountain destinations.

Bangkok is a fascinating mixture of ancient Siamese heritage and modern, global culture. Known in Thai as Krung Thep or “City of Angels,” it is one of Asia’s most cosmopolitan cities. Created as Thailand’s (formerly called Siam until 1939) capital in 1782 by the first monarch of the present Chakri dynasty, Bangkok is Thailand’s spiritual, cultural, political, and commercial center and a vibrant, fascinating city to discover.



BANGKOK

TOP THINGS TO DO IN BANGKOK



VISIT THE GRAND PALACE

This former royal residence is today used for hosting royal ceremonies and welcoming the king's guests, State guests, and other foreign dignitaries. The Grand Palace is also home of Wat Pra Kaew (Temple of the Emerald Buddha). It's recommended to visit in the early morning to avoid the big crowds – it opens at 8:30AM.

IMPORTANT *Visitors must be properly dressed before being allowed entry to the Grand Palace grounds. Men must wear long pants and shirts with sleeves (no tank tops). If you're wearing sandals or flip-flops you must wear socks - no bare feet allowed. Women must be similarly modestly dressed. No see-through clothes, bare shoulders, etc.*

DON'T MISS THE FLOATING LANTERNS LOY KRATHONG FESTIVAL

November 13, 2019

Celebrated on November 11th at Shangri-La Hotel Bangkok!

Thailand celebrates the beautiful Loy Krathong festival nationwide on November 13, 2019, by releasing krathongs, lotus shaped baskets decorated with candles and flowers, onto the rivers. This lantern festival occurs on the full moon day of the twelfth lunar month, the high-water season when water overflows the banks of rivers and canals. On this day respect is paid to the river spirits, and specifically Phra Mae Khongkha, the Goddess of Water.

Many riverfront venues in Bangkok hold events on the evenings surrounding Loy Krathong, including the Shangri-La Hotel Bangkok. To book tickets and for more information on the Shangri-La Hotel Bangkok's celebration (on Nov. 11, 2019) please go to:

<https://www.shangri-la.com/bangkok/shangrila/offer-detail/dining/loy-krathong-festival-2019/>



ADMIRE THE BUDDHIST TEMPLES "Wat" means temple in Thai. There are over 400 Buddhist temples in Bangkok. Be sure to see the three most famous ones: Wat Pra Kaew (at the Grand Palace), Wat Arun and Wat Pho.

TAKE A RIVER CRUISE There are many companies that offer various types of river rides and cruises on many types of boats, including the classic Thai long tail boat. You can book various boat tours at the Shangri-La Hotel, as they have their own dock. Or, enjoy a dinner cruise aboard the Shangri-La Hotel's **Horizon Cruise**.





EXPLORE THE MANY MARKETS The markets offer fascinating shopping experiences. They are mazes with aisle after aisle of stalls selling everything from fashion accessories to arts and crafts to freshly cooked food for dining on the spot. Along with excellent bargains, the markets also offer a slice of local life. From the massive Chatuchak Weekend Market with over 8,000 stalls to the traditional floating markets and night markets, there is so much to explore. Near the Shangri-La Hotel you will find the **Asiatique Night Market**, open every night from 5:00PM-midnight. Its ferris wheel is within view from the Shangri-La Hotel. The best way to get there is via the free ferry boat from the public dock near the Saphan Taksin SkyTrain station, which is next door to the hotel. This boat runs until 11:00PM.

SHOPPING MALLS Bangkok has many massive shopping malls which are retail palaces, geared towards all lifestyles and budgets. Just across the river from the Shangri-La Hotel is the new **Icon Siam**. A free ferry boat to the mall departs every 10-15 minutes from the public dock near the Saphan Taksin SkyTrain station, which is next door to the hotel. **River City Arts & Antiques Shopping Center** is also very close to our hotel.

MUSEUMS Take some time to explore Bangkok's many museums. The best place to start is the **National Museum**. Its collections span all periods of Thai history and offer a great introduction to the country's art and architecture. Some other notable museums are the **Museum of Siam**, a surprising high tech journey through everything Thai, set in a neo-classical building, **Jim Thompson House**, featuring the teak home and the art collections of this American architect who revived the Thai silk industry, and MOCA (Museum of Contemporary Art).

CHINATOWN As about 30% of Bangkok's population is ethnic Chinese, it has a bustling Chinatown. Locals and tourists alike flock here after sunset to explore the vibrant street-side cuisine. During the day visitors explore the Chinese temples and the plentiful gold shops.

THE AMAZING FOOD Feast on the exciting Thai cuisine with its colorful blend of spicy, sour, sweet and salty flavors. Apart from Thai food, the array of options includes every other type of cuisine found in the world. Eating options are limitless, night or day, and amazing food can be found in inexpensive food courts, riverside eateries, Thai-style dining in antique teak houses, dinner cruises, trendy restaurants and food markets. You might want to try your hand at a Thai cooking class at the **Go Thai Cooking School**, nestled in a fresh market that is located a short walk from the Shangri-La Hotel.

TAKE IN THE VIEW FROM A ROOF TOP BAR There are numerous stylish roof top bars where you can enjoy a cocktail while taking

in the amazing birds-eye view of Bangkok. The closest to the Shangri-La Hotel is the **Sky Bar at LeBua State Tower**.

TRADITIONAL THAI PUPPET SHOWS Folk tales are told through the classic art of puppetry. The visible puppeteers, generally dressed in black, are very much part of the show. They merge with the characters of the puppets, blending into the background while the colorful puppets come to life. A well-known puppet theatre is the **Joe Lewis Theatre**.

LUMPINI PARK This is Bangkok's central park, an inner-city haven of tranquility offering the perfect connection to nature. It features a large lake brimming with monitor lizards.

THONBURI Just across the river from the Shangri-La Bangkok is Thonburi, a former Thai capital that was merged into Bangkok in 1972. While most visitors on this side of the river come to stay in one of the stunning riverside hotels or to see Thonburi's star-attraction, the iconic Wat Arun Temple, this ever-developing area has much more to offer. With untouched local villages hugging the narrow water-ways and quaint local markets, there's plenty of interesting, off-the-beaten-path things to do and see. One of the most popular is to take a boat ride through Thonburi Khlongs (canals) where only small, narrow boats like flat-bottom boats and long-tail speedboat can fit. You can hire a colorful painted long-tail boat (hang yao) or explore the khlongs on an organized canal tour.



For more information on Bangkok and all that it has to offer, check these websites:

<https://www.tourismthailand.org/About-Thailand/Destination/Bangkok>

• <http://www.bangkok.com>

REGISTRATION CATEGORIES & FEES

EARLY BIRD RATE! By Aug 31
REGULAR RATE Sept 1-Oct 18
LATE/ONSITE RATE After Oct 18

REGISTRATION FEES

The general registration fee includes: admittance to general scientific sessions, 2 workshops on Friday, scientific posters, exhibits, coffee/refreshment breaks, lunch (Thursday and Friday), 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.

<http://27thannual.org>

EXTRA COURSES AND WORKSHOPS

	EARLY	REGULAR	LATE
701: World Live Surgery Workshop	\$500	\$750	\$1000
401: Basics Course			\$250
402: Advanced/Board Review Course			\$495
403: Surgical Assistants Program <i>No extra charge, but must register.</i>			
404: WLSW Pre-Course <i>Must be registered to attend World Live Surgery Workshop</i>			
121: ISHRS & ABHRS M&M Conference			\$75

FRIDAY WORKSHOP BANK 1 *No extra charge, but must pre-register*

101: Consumer Hair Care Products: How to Maximize Post-Surgical Hair
102: FUE: Tools & Techniques
103: Cicatricial Alopecia
104: Non-Surgical—Medications for MPHL and FPHL
105: SMP

FRIDAY WORKSHOP BANK 2 *No extra charge, but must pre-register*

111: The Recipient Area: Incision Making and Graft Placing
112: FUT- Techniques to Create a Narrow Scar
113: Implanters
114: Beard and Body Hair Transplants
115: Stem Cells

SOCIAL AND OTHER ITEMS

704: Gala	\$115	Headset Rental <i>English-to-Mandarin</i>	\$10
Newcomers Program (<i>Hosts or Newcomers</i>) - <i>No extra charge, but must pre-register</i>			

REGISTRATION VERIFICATION

is 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 or 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.

PHYSICIAN CATEGORIES

PHYSICIAN – ISHRS MEMBER	\$1,490	\$1,590	\$1,690
For Physician members of the ISHRS.			
PHYSICIAN – PENDING ISHRS MEMBER	\$1,690	\$1,790	\$1,890
For physicians who have applied for membership. A complete application with fee must be received at the headquarters office to be eligible for this rate.			
PHYSICIAN – NON-MEMBER	\$1,890	\$1,990	\$2,090
For physicians who are not current ISHRS members and have not submitted a completed membership application. Registration verification is required for all non-members and must accompany the registration form.			

RESIDENT CATEGORIES

PHYSICIAN RESIDENT OR TRAINING FELLOW – ISHRS MEMBER	\$595	\$695	\$795
For Resident Members of the ISHRS or for ISHRS Physician Members who are currently enrolled in an ISHRS-approved Fellowship Training Program or other approved fellowship training program in hair restoration surgery or another specialty. Training Fellows must submit a letter of verification from the fellowship training program director along with their registration form.			
PHYSICIAN RESIDENT – PENDING ISHRS MEMBER	\$695	\$795	\$895
For physician residents who have applied for membership. A complete application with fee must be received at the headquarters office to be eligible for this rate.			
PHYSICIAN RESIDENT OR TRAINING FELLOW - NON-MEMBER	\$795	\$895	\$995
For physician residents who are not current members of ISHRS and are currently participating in an approved residency training programs. Or, for non-member physicians who are currently enrolled in an ISHRS-approved Fellowship Training Program or other approved fellowship training program in hair restoration surgery or another specialty. Training Fellows must submit a letter of verification from the fellowship training program director along with their registration form. Non-member residents must submit a letter of verification from the residency program director along with their registration form.			

ADJUNCT CATEGORIES

ADJUNCT – ISHRS MEMBER	\$1,490	\$1,590	\$1,690
For Adjunct members of the ISHRS.			
ADJUNCT – PENDING ISHRS MEMBER	\$1,690	\$1,790	\$1,890
For individuals who have applied for and meet the qualifications of Adjunct category of membership. A complete application with fee must be received at the headquarters office to be eligible for this rate.			
ADJUNCT – NON-MEMBER/TRICHOLOGIST	\$1,890	\$1,990	\$2,090
For individuals who are not current or member-pending ISHRS Adjunct Members, but meet the qualifications for Adjunct Membership (i.e., individuals who hold a doctorate PhD or equivalent in a biomedical-related area and devote the majority of their professional activities to hair research in an academic setting). In addition, this category includes individuals who are trichologists. Registration verification is required for all non-members and must accompany the registration form.			

SURGICAL ASSISTANT CATEGORIES

SURGICAL ASSISTANT – ISHRS MEMBER	\$515	\$615	\$715
For members of the ISHRS Surgical Assistants Auxiliary. A Letter of Attestation is required. See Policy on Non-Physicians at ISHRS Meetings.			
SURGICAL ASSISTANT – PENDING ISHRS MEMBER	\$595	\$695	\$795
For surgical assistants who have applied for membership. A complete application with fee must be received at the headquarters office to be eligible for this rate. A Letter of Attestation is required. See Policy on Non-Physicians at ISHRS Meetings.			
SURGICAL ASSISTANT – NON-MEMBER	\$695	\$795	\$895
For surgical assistants who are not current members of the ISHRS Surgical Assistants Auxiliary and have not submitted a complete application for membership must pay the non-member rate. A Letter of Attestation is required. See Policy on Non-Physicians at ISHRS Meetings.			
U.S. PHYSICIAN ASSISTANT OR NURSE PRACTITIONER (U.S. PAS/NPS)	\$895	\$995	\$1,095
For U.S. licensed PAs and NPs. A copy of their license and a Letter of Attestation is required. See Policy on Non-Physicians at ISHRS Meetings.			

OTHER CATEGORIES

CLINIC DIRECTOR	\$1,890	\$1,990	\$2,090
For non-physician clinic directors and/or owners of hair restoration practices. A Letter of Attestation is required. See Policy on Non-Physicians at ISHRS Meetings.			
OFFICE MANAGER	\$695	\$795	\$895
For office managers of a hair restoration surgery practice. A Letter of Attestation is required. See Policy on Non-Physicians at ISHRS Meetings.			
OFFICE STAFF	\$695	\$795	\$895
For office staff in a hair restoration surgery practice. A Letter of Attestation is required. See Policy on Non-Physicians at ISHRS Meetings.			
MARKETING/WEBMASTER	\$1,890	\$1,990	\$2,090
For marketing, media, PR persons, and webmasters in a hair restoration surgery practice. A Letter of Attestation is required. See Policy on Non-Physicians at ISHRS Meetings.			
SPOUSE/GUEST	\$695	\$795	\$895
For a spouse or guest of the Physician or Adjunct who does not belong in any of the above categories. Registration verification is required. Spouses/guests who are not registered will not be permitted into the meeting (except for the Welcome Reception) and will not receive a name badge.			

NOT A MEMBER OF THE ISHRS?

CONSIDER JOINING.



Go to www.ISHRS.org for information on how to apply!

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

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

MISSION 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 world congress, 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 *Drugs in Dermatology*
- Opportunities to earn continuing medical education (CME) credits – *AMA PRA Category 1 Credits™*
- Eligibility for **research grants**
- **www.ISHRS.org**
A comprehensive informational website on hair loss and restoration. Full Members are included in the Find a Doctor search.
- **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.

EDUCATION | RESEARCH | COLLEGIALLY

FOR MORE INFORMATION CONTACT

International Society of Hair Restoration Surgery

1932 S. Halsted St., Suite 413 | Chicago, IL 60608 USA

TEL 1-630-262-5399 | U.S. DOMESTIC TOLLFREE 1-800-444-2737

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Korean Society of Hair Restoration Surgery
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Swiss Society for Hair Restoration Surgery
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Global Council of Hair Restoration Surgery Societies



Use **#ISHRS2019**

for any pictures or videos you share during the event.

Get social!

Let's get **#ISHRS2019** Trending Online

Take a **fun** picture with your colleagues in the digital selfie booth.

Participate in various activities in **ISHRS booth #45** by joining contests for a chance to win prizes.

Sign Up for a Video Interview

Share your knowledge and opinions about the hair transplant industry, testimonial about your experience at the World Congress, and stories related to the black market.

Spots are limited. Visit **ISHRS Booth #45** to schedule.

FREE OPPORTUNITY

that helps promote YOU! We will take a professional video of you and promote it on ISHRS social channels.

Enter the "Best Tagline" and "Best Graft Mascot" contests.

Promote the **#FightTheFIGHT** campaign by taking the ISHRS pledge and sharing a video or picture with **#ITooktheISHRSPledge** hashtag.

Have questions? More details at ISHRS.org/social

The Fight has begun!

BLACK MARKET AWARENESS CAMPAIGN LAUNCH DATE: 1 NOV 2019

Your voice makes a difference. Help us spread the message.

See the new website for the campaign at ISHRS.org/FightTheFIGHT and share!

Visit **Booth #45** to view the campaign and learn how you can help in the fight to protect patients.



**Fight
The
FIGHT**

Fight the Fraudulent, Illicit & Global Hair Transplants



INTERNATIONAL SOCIETY OF HAIR RESTORATION SURGERY |
EUROPEAN WORLD LIVE SURGERY WORKSHOP |
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SMP hands-on workshop | Scar revision |
Beginners & Advanced lectures & discussions | Combination FUE/FUT |
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Registration will open in Dec. 2019 with exclusive early bird rates don't miss it!
For more information: info@euro2020ishrs.org



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October 2020 with the 28th World Congress
Panama City, Panama

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For more information visit <https://abh.rs.org>



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Ken Washenik

President and Chief Medical Officer of Bosley Medical Group and former Chief Executive Officer of Aderans Research Institute, researching tissue engineered hair follicle neogenesis and cellular based hair restoration



Sotaro Kurata

Visiting Professor of Department of Regenerative Dermatology, Osaka University and Executive Director of Japan Society of Clinical Hair Restoration, widely covering the fields of medical hair study from basic research to clinical research



Satoshi Itami

Visiting professor of National University Corporation Oita University
A committee member to establish the 2017 guideline of hair loss for men and women
Main researcher of red narrow band LED study for hair loss treatment



Seigo Kitano

President of National University Corporation Oita University
Researcher of "Novel alpha-lipoic acid derivatives" to prevent hair loss caused by anti-cancer drug treatment

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| ► Graft Placement | ► Graft Calculation | ► Quality Control |
| | | ► FUE & FUT |

22-24 MAY 2020



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Italian Society for Hair Science and Restoration

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This is only the conference venue,
It is not an Hotel and they don't have rooms.

REGISTRATION

The registration will be open on the website:
<http://eventi.sitri.it/> - www.sitri.it

ADMINISTRATIVE OFFICE

Italian Society for Hair Science and Restoration
Via San Domenico, 107
50133 - Florence
Tel: +393338349750

HOTEL AND ACCOMODATION

We have a list of affiliated hotels
on the website: <https://eventi.sitri.it/en/hotel/>

Florence - Palazzo dei Congressi
Piazza Adua, 1
50123 Florence - Italia
tel. +39 333 83 49 750

SCIENTIFIC COMMITTEE

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