



Final Program Guide

2015 ANNUAL SCIENTIFIC MEETING COMMITTEE

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SEPTEMBER 9-13
CHICAGO '15
ISHRS 23RD ANNUAL SCIENTIFIC MEETING
MASTERING NEW HEIGHTS IN HAIR RESTORATION SURGERY

MESSAGE FROM THE PRESIDENT



Dear Colleagues,

Welcome to the amazing “windy” city of Chicago, on the banks of the beautiful “great lake” called Lake Michigan. This city can satisfy every **artistic interest** you may contemplate. From haute couture to haute cuisine, venues for fabulous shopping and fine dining are abundant. In your spare time you should visit one of the **many famous museums** or the Shedd Aquarium—or take a ride on a **river or lake cruise!** For the night time, opportunities for entertainment are everywhere. Chicago is well known for its lively **musical night life** featuring talented musicians!

In addition to choosing a remarkable city to capture your attention and interest, our scientific chairman, Dr. Nilofer Farjo, has developed an extraordinary program to update us all on the **latest innovations, science and surgical techniques** to improve the knowledge and practice of hair restoration surgery.

Our invited **guest lecturers** will cover topics of scientific interest and some of practical application to the practice of hair restoration surgery. The **workshops** and **mini courses** will provide participants an opportunity to work closely with experienced peers and to learn pearls and practical tips. Don't forget to sign-up for the dinner program on Friday where the **M&M Conference** allows case reports from gallant members willing to share an adverse experience in order to help us learn from each other and make our patients safer.

As the ISHRS is growing in size and stature, the Board of Governors has been implementing policies to improve patient safety in the field and to encourage the “best practice” standards amongst our members. Our meetings will always embrace the latest science and innovations that will **enhance outcomes and patient safety**, but also we strive to encourage civil discourse, integrate innovations in a thoughtful, safe manner, and encourage the **interchange of ideas amongst international colleagues**. I know you will find this meeting stimulating and encourage your feedback to keep improving!

Last, but not least, we have a special scientific tribute planned. I encourage you to be present for our opening session where we will provide a lecture to **honor a scientific pioneer** in the field of hair restoration, Dr. Shoji Okuda, author of the Okuda papers. We will follow up the special tribute lecture with a presentation of the Manfred Lucas life time achievement award at the Gala Awards Ceremony on Saturday. We hope you will all be there to see Dr. Okuda's family members accept this award in honor of Dr. Okuda's work.

Thank you all for coming!

Best personal regards,

Sharon A. Keene, MD *FISHRS*
President
International Society of
Hair Restoration Surgery



NO PHOTOGRAPHY & NO VIDEO RECORDING OF SCIENTIFIC SESSIONS

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



CME Credit

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

The International Society of Hair Restoration Surgery designates this live activity for a maximum of 36.25 AMA PRA Category 1 Credits™. Physicians should claim only the credit commensurate with the extent of their participation in the activity.

The International Society of Hair Restoration Surgery Annual Scientific Meeting (Program #611100) is recognized by the American Academy of Dermatology for 36.25 AAD Recognized Credit(s) and may be used toward the American Academy of Dermatology's Continuing Medical Education Award.

CME MISSION STATEMENT

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

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

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

- The primary target audience is its physician members with varying medical specialty backgrounds from around the world.

- Secondary audiences for the CME program include non-member physicians, as well as residents, nurses, surgical assistants and other allied health personnel.

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

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

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

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

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

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

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

SPEAKER DISCLOSURES OF CONFLICTS OF INTEREST

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

OBTAINING CME CREDITS & CERTIFICATES

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

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

Physicians will receive a personalized Certificate of Attendance for CME **mailed after the meeting**. Physicians will only receive a CME certificate if the CME Credits Claimed Form is completed. Ancillary staff will receive a Certificate of Attendance mailed after the meeting.

EVALUATION SURVEYS

The CME Committee and Annual Meeting Committee kindly request that you complete the evaluation surveys for each workshop, course and general session that you attend. Your feedback is very valuable to us! We make changes to the program and faculty based on your comments so we may continually improve the Annual Meeting. **Each day we are raffling a certificate for \$100 (USD) off on an ISHRS meeting in the next two years** for those who turn in their completed General Session evaluation surveys.

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

CHANGES TO IMPLEMENT WHEN I GET HOME WORKSHEET

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

CORPORATE SUPPORT

The ISHRS gratefully acknowledges the following corporate supporters of its 23rd Annual Scientific Meeting for their generosity.

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MESSAGE FROM THE PROGRAM CHAIR



Dear Colleagues,

Welcome to the 23rd Annual Scientific meeting.

After 13 years, Chicago greets us again to its wonderful city. Our specialty of hair restoration has progressed a lot since we were last at this venue and its members' educational needs have evolved. As a result the focus of the annual meetings has also altered to keep pace with these changes.

Whether you are a beginner or an experienced surgeon there are ample educational opportunities for everyone. Basic topics will not be discussed in depth in the **main sessions** as these **will focus on more advanced techniques** but, for the novice, the **pre-congress courses** and **small group workshops** are not to be missed. An introduction to **hands-on experience** is available in the **Beginners course** and the **FUE workshops** for those wishing to **learn a new skill**. Also back by popular demand is the **scalp micro-pigmentation** course with a hands-on component this time around. And let's not forget the **educational program for your assistants** with both didactic and practical elements.

Based on feedback from last year's meeting what attendees asked for

in the general sessions was: more audience discussion opportunities, less repetition in talks, lectures that had more scientific basis with objective assessments of patient results, and better photography using standardized views. The abstract rating by the Annual Scientific Committee has kept these points in mind when assessing the submitted papers. The program that I have put together has some added **extended debate** and **interactive sessions** that will allow **audience participation** in key subject matters, some of which will no doubt be controversial. However, if you have a question that you don't want to ask in front of the whole congress, then please do so at one of the **two sessions of small group discussions** that will allow you to **interact with an expert** on a number of topics. Perhaps you have a difficult patient that you wish to discuss or you want to ask how to approach a new procedure. This is your chance.

According to guidelines from the Accreditation Council for Continuing Medical Education, the best learning takes place using a combination of teaching methods. Therefore, to meet the learning objectives for this year's meeting there is a combination of invited **expert lectures** interspersed with **free abstracts, small group courses, expert table discussions, debating sessions, poster exhibits and live patient viewing**.

Those subject areas that are being focused on this year include: **donor removal techniques, the young patient, complications, managing difficult patients, finasteride, hair loss in women, and hair biology research**. The invited speakers will cover a variety of topics including: an overview of one of the **first known hair transplant** procedures documented in 1939 by Dr. Okuda in Japan (Francisco Jimenez MD),

stem cell research (Valerie Horsley PhD from Yale University), a look at the **science of nutritional factors** in hair growth (Ranjit Bhogal PhD from Unilever plc), research on persistent **finasteride side effects** (Mohit Khera MD), and the **latest theories** on the etiology of **female pattern hair loss** (Andrew Messenger MD). I know you will find these lectures from world renowned experts informative.

To help with the task of bringing you this year's program there is a **large team** behind me, and I extend my gratitude to them for the many hours of hard work that has gone into putting together a very exciting program. The team includes a very hard working Annual Scientific Meeting Committee, numerous volunteers for the workshops and courses, session moderators, and the ISHRS administration team all of whom have been working hard over the past year to give you a meeting that we think will meet everyone's educational requirements. We have put together a great program headed by some of the **most experienced experts in our field** but with **some newer faces to bring a fresh perspective** to the meeting.

I also **extend a big thank you** to everyone who is presenting their work either as an oral presentation or in poster format. Unfortunately not everyone can be fitted in to the main program but I would like to acknowledge those that took the time to submit abstracts and if your presentation did not get chosen this year please contact next years program chair for feedback about your submission.

And finally may I extend a **warm welcome** to all attendees as without your support this meeting would not be a success.

Best regards,

Nilofer P. Farjo, MBChB, FISHRS Chair
2015 Annual Scientific Meeting



If you have any questions or for more information, please contact:

INTERNATIONAL SOCIETY OF HAIR RESTORATION SURGERY

303 West State Street
Geneva, IL 60134 USA

Tel: 1-630-262-5399
U.S. Domestic Toll-free:
1-800-444-2737

Fax: 1-630-262-1520
E-Mail: info@ishrs.org

www.ISHRS.org

**Future ISHRS
Annual Scientific Meetings**

24TH WORLD CONGRESS OF THE ISHRS

October 19-22, 2016

Panama City, Panama
The Westin Playa Bonita

25TH WORLD CONGRESS OF THE ISHRS

October 4-8, 2017

Prague, Czech Republic
(tentative)

26TH WORLD CONGRESS OF THE ISHRS

October 2018

USA
(tentative)

27TH WORLD CONGRESS OF THE ISHRS

November 13-17, 2019

Bangkok, Thailand
(tentative)

Hilton Chicago

720 South Michigan Avenue
Chicago, IL 60605 USA

PHONE: 1-312-922-4400

CENTRAL RESERVATIONS: 1-877-865-5320
(toll-free worldwide)

<http://www3.hilton.com/en/hotels/illinois/hilton-chicago-CHICHHH/index.html>



WEATHER

Early September in Chicago is still summer, so expect warm temperatures in the high 70's to low 80's Fahrenheit (about 24° to 28° Celsius). However, you will want to have a light jacket or sweater in case the evening gets cooler and also for the air conditioned meeting rooms.

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 August 25, 2015.

MEETING ATTIRE

The attire for the educational sessions is **business**. Attire at the Saturday Gala Masquerade Ball & Awards Ceremony is masquerade costume (think Old World/Venetian Masquerade) – masks and all. However, if you opt not to wear a masquerade costume, the attire is then formal or black tie optional.

OFFICIAL LANGUAGE

The official language of the International Society for Hair Restoration Surgery's 23rd Annual Scientific Meeting will be English. Simultaneous Interpretation will not be provided.

CANCELLATION/REFUND POLICY

Registration fees, less a \$100.00 administration fee, will be refunded upon written notice of cancellation to the ISHRS office received on or before August 14, 2015. After August 14, 2015, there will be no refund of fees for cancellation or for lack of attendance without notification. It is your responsibility to ensure that your cancellation request has been received by the ISHRS headquarters office. "No shows" who have not pre-paid will be invoiced for the total registration fee.

VIDEO, PHOTOGRAPHY & AUDIO RECORDING POLICY

Video recording and/or photography are strictly prohibited in all educational session rooms. 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.**

NEW THIS YEAR 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.

RULES AND PROPER ETIQUETTE

The Annual Scientific Meeting 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

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 its Annual Scientific Meetings. **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.



TUESDAY | September 8, 2015

7:00AM-6:00PM	Ancillary Meeting: ABHRS Primary Exam
2:00PM-4:00PM	Ancillary Meeting: ABHRS Board of Directors Meeting Room 4D, 4th Floor
3:00PM-7:00PM	Registration Normandie Lounge, 2nd Floor
3:00PM-8:00PM	Speaker Ready Room Boulevard A, 2nd Floor

WEDNESDAY | September 9, 2015

6:30AM-5:30PM	Registration Normandie Lounge, 2nd Floor
6:30AM-6:00PM	Speaker Ready Room Boulevard A, 2nd Floor
7:30AM-12:00PM	401: Surgical Assistants Program Waldorf, 3rd Floor
8:00AM-4:00PM	ISHRS Board of Governors Meeting Marquette, 3rd Floor
8:00AM-6:00PM	402: Basics Course PDF #4, 3rd Floor (to begin), and then Williford C, 3rd Floor
9:00AM-12:00PM	Mini Courses
	403: FUE Mini Course – Manual PDR #1, 3rd Floor
	404: FUE Mini Course – Powered Sharp Astoria, 3rd Floor
	405: FUE Mini Course – Powered Blunt PDR #3, 3rd Floor
	406: SMP Mini Course PDR #2, 3rd Floor
1:00PM-7:00PM	Exhibitors Set-up Stevens Salon A, Lower Level
1:00PM-6:00PM	407: Advanced/Board Review Course Waldorf, 3rd Floor
2:00PM-5:00PM	Mini Courses
	408: FUE Mini Course – Manual PDR #1, 3rd Floor
	409: FUE Mini Course – Powered Sharp Astoria, 3rd Floor
	410: FUE Mini Course – Powered Blunt PDR #3, 3rd Floor
	411: SMP Mini Course PDR #2, 3rd Floor
5:00PM-7:00PM	Global Council of Hair Restoration Surgery Societies Meeting Lake Michigan, 8th Floor
7:30PM-8:30PM	Ancillary Meeting: ABHRS Recertification Exam Room 4E, 4th Floor

THURSDAY | September 10, 2015

6:30AM-6:30PM	Registration Normandie Lounge, 2nd Floor
7:00AM-6:00PM	Speaker Ready Room Boulevard A, 2nd Floor
7:00AM-8:30AM	Newcomers Orientation & Speed Networking Waldorf, 3rd Floor
7:30AM-6:30PM	E-Poster Viewing Grand Ballroom (rear) & Normandie Lounge, 2nd Floor

PROGRAM AT-A-GLANCE & ROOM ASSIGNMENTS

8:00AM-9:00AM	Continental Breakfast Stevens Salon A, Lower Level
8:00AM-7:30PM	Exhibits Viewing Stevens Salon A, Lower Level
8:45AM-6:00PM	GENERAL SESSION Grand Ballroom, 2nd Floor
9:00AM-12:00PM	101: Surgical Assistants Cutting/Placing Workshop Williford B, 3rd Floor
10:30AM-11:00AM	Coffee Break & Visit the Exhibits Stevens Salon A, Lower Level
12:00PM-1:00PM	Box Lunch Stevens Salon A, Lower Level
12:45PM-1:45PM	Lunch Symposium Grand Ballroom, 2nd Floor
3:30PM-4:00PM	Coffee Break & Visit the Exhibits Stevens Salon A, Lower Level
6:00PM-7:30PM	Welcome Reception Stevens Salon A, Lower Level

FRIDAY | September 11, 2015

6:00AM-6:00PM	Speaker Ready Room Boulevard A, 2nd Floor
6:30AM-6:30PM	Registration Normandie Lounge, 2nd Floor
7:00AM-6:00PM	E-Poster Viewing Grand Ballroom (rear) & Normandie Lounge, 2nd Floor
7:00AM-8:30AM	Workshops
	201: Medical Management Williford C, 3rd Floor
	202: Bioenhancements Williford B, 3rd Floor
	203: Hairline Design Marquette, 3rd Floor
	204: Beard Waldorf, 3rd Floor
8:00AM-9:00AM	Continental Breakfast Stevens Salon A, Lower Level
8:00AM-6:00PM	Exhibits Viewing Stevens Salon A, Lower Level
9:00AM-5:15PM	GENERAL SESSION Grand Ballroom, 2nd Floor
10:30AM-11:00AM	Coffee Break & Visit the Exhibits Stevens Salon A, Lower Level
12:15PM-2:15PM	Lunch on Your Own Or attend a Workshop or Visit the Exhibits
12:30PM-2:00PM	Workshops
	211: Camouflaging Marquette, 3rd Floor
	212: Building a Better Team Astoria, 3rd Floor
	213: Donor & Recipient Scar Repair Williford B, 3rd Floor
	214: Complications Williford C, 3rd Floor
	215: Eyebrows Waldorf, 3rd Floor

3:45PM-4:00PM	Break/Attendees Grab a Coffee Stevens Salon A, Lower Level
4:00PM-5:15PM	Visit the Exhibits/Coffee Stevens Salon A, Lower Level
4:00PM-5:15PM	Coffee with the Experts Grand Ballroom, 2nd Floor
5:45PM-8:30PM	M&M Conference Waldorf, 3rd Floor

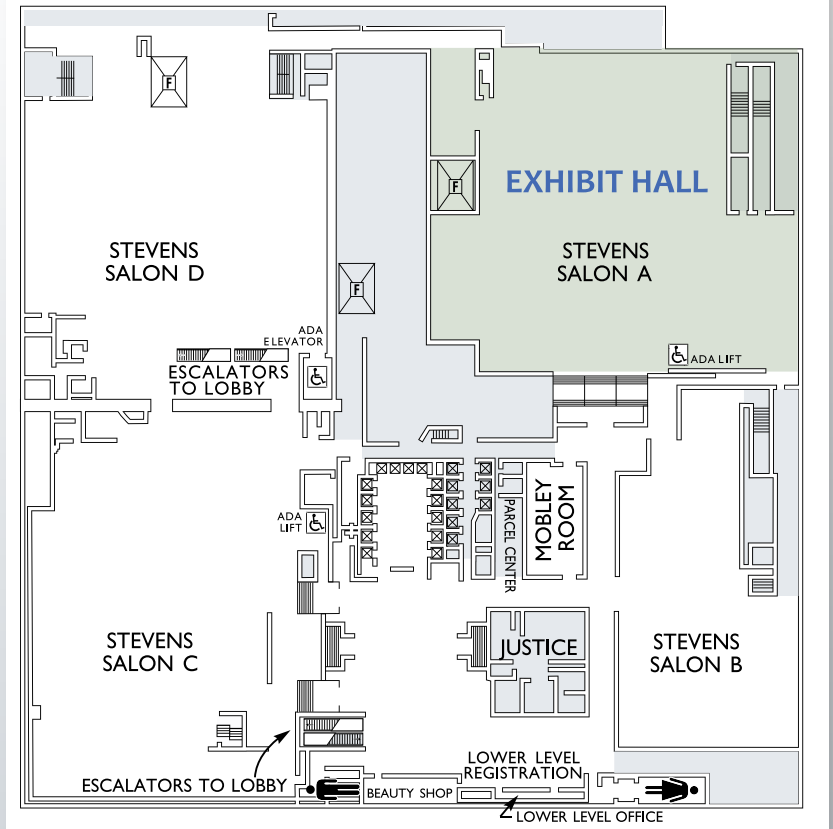
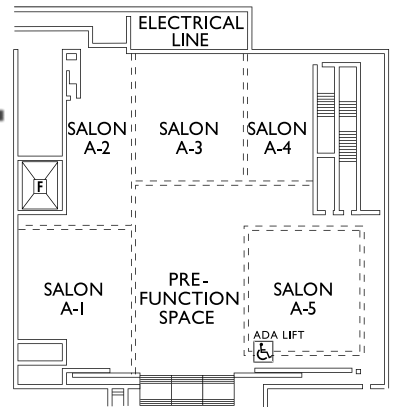
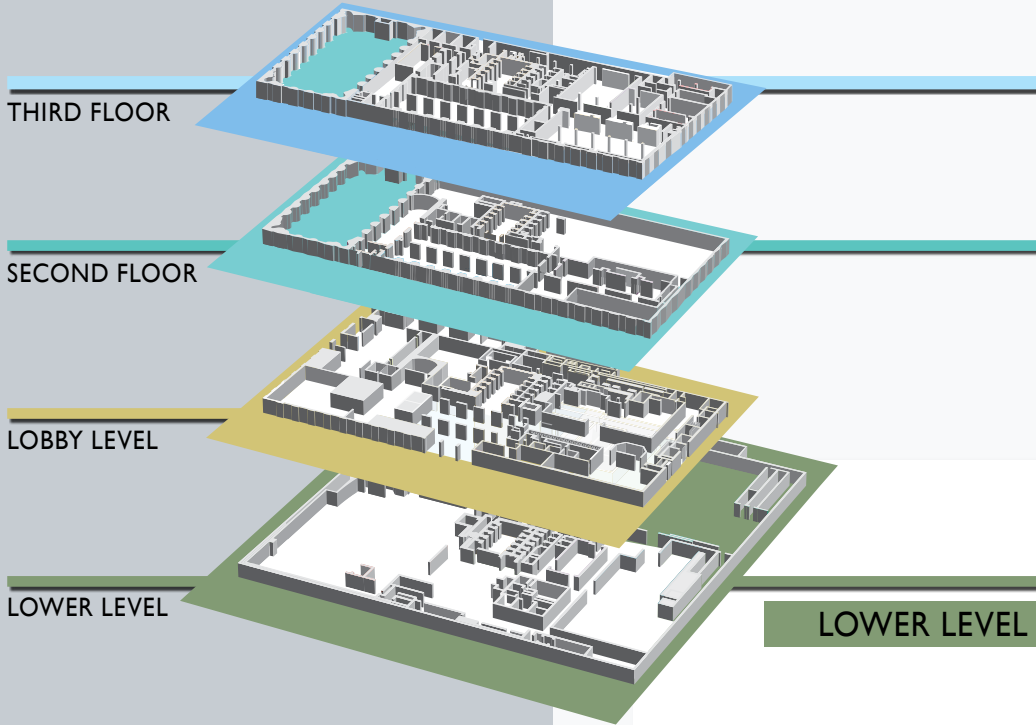
SATURDAY | September 12, 2015

7:00AM-2:50PM	E-Poster Viewing Grand Ballroom (rear) & Normandie Lounge, 2nd Floor
7:45AM-3:15PM	Registration Normandie Lounge, 2nd Floor
7:45AM-8:45AM	Continental Breakfast Stevens Salon A, Lower Level
7:45AM-3:00PM	Exhibits Viewing Stevens Salon A, Lower Level
8:00AM-8:55AM	Breakfast with the Experts Grand Ballroom, 2nd Floor
8:00AM-3:15PM	Speaker Ready Room Boulevard A, 3rd Floor
9:00AM-2:50PM	GENERAL SESSION Grand Ballroom, 2nd Floor
9:45AM-10:00AM	Poster Awards Grand Ballroom, 2nd Floor
10:00AM-10:50AM	ISHRS General Membership Business Meeting & Service Awards Grand Ballroom, 2nd Floor
10:50AM-11:15AM	Coffee Break & Visit the Exhibits Stevens Salon A, Lower Level
12:45PM-1:45PM	Box Lunch Stevens Salon A, Lower Level
1:30PM-2:45PM	Lunch Symposium Grand Ballroom, 2nd Floor
2:50PM-4:45PM	Live Patient Viewing Williford, 3rd Floor
3:45PM-4:45PM	CME Committee Meeting Marquette, 3rd Floor
7:00PM-1:00AM	Gala Masquerade Ball & Awards Ceremony Grand Ballroom, 2nd Floor

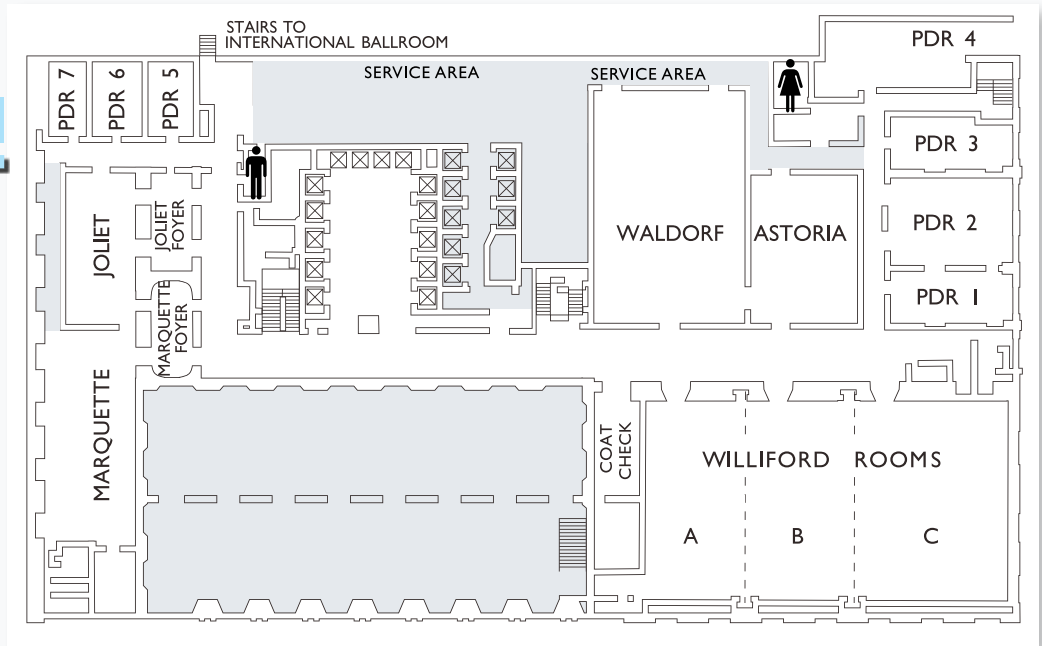
SUNDAY | September 13, 2015

10:00AM-12:45PM	Registration Normandie Lounge, 2nd Floor
10:00AM-12:00PM	Brunch Grand Ballroom, 2nd Floor
10:30AM-12:30PM	GENERAL SESSION Grand Ballroom, 2nd Floor
12:30PM	Meeting Adjourns

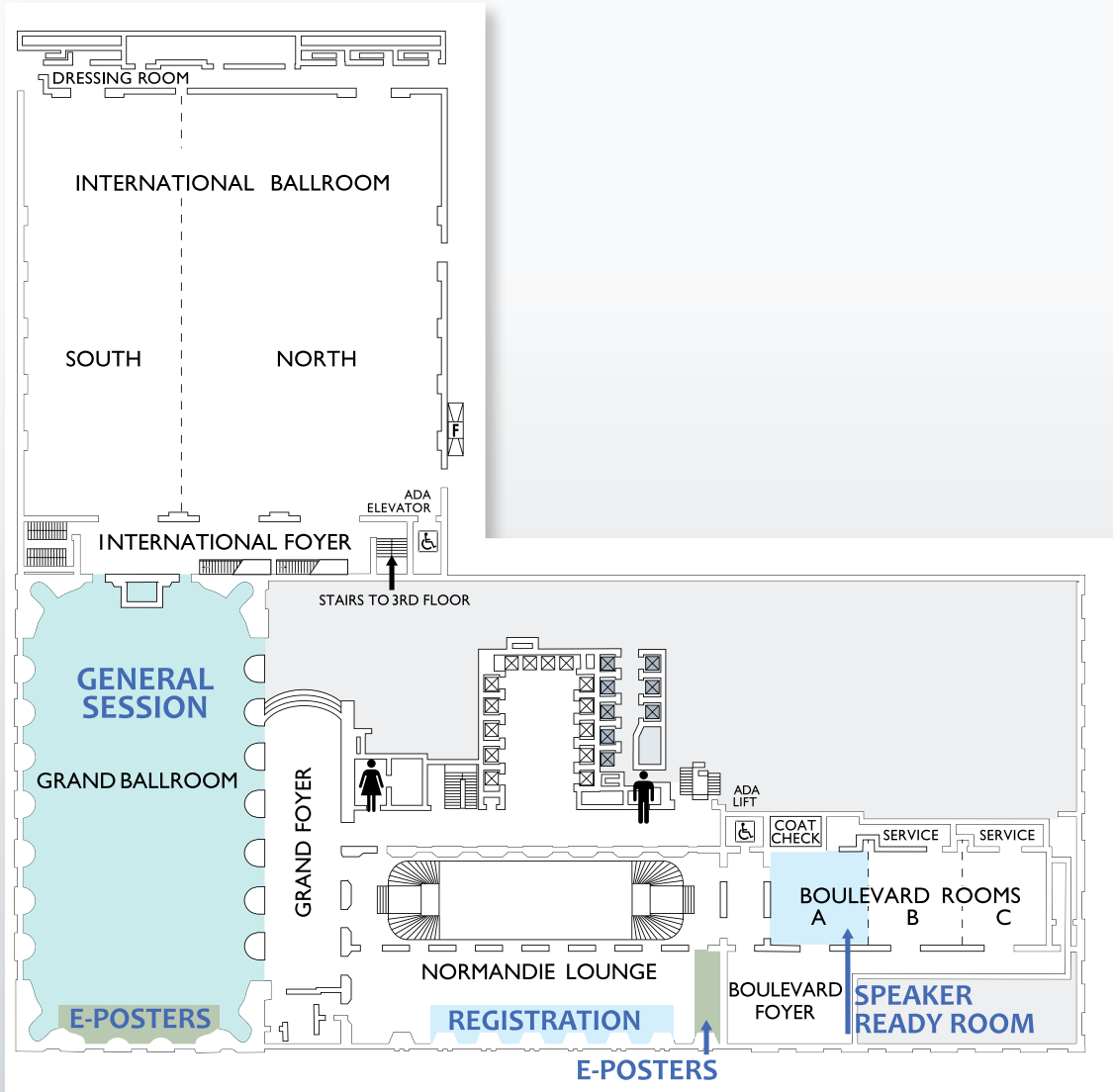
MEETING FLOOR PLAN



THIRD FLOOR



SECOND FLOOR





DISCLAIMER Registrants understand that the material presented at the Annual Meeting 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 Annual Meeting. Registrants waive any claim against ISHRS arising out of information presented in this course.

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

Registrants further understand and agree that they cannot reproduce in any manner, including, without limitation, photographs, audiotapes and videotapes, the Annual Meeting 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.



DAY-BY-DAY PROGRAM



TUESDAY | September 8, 2015

7:00AM-6:00PM	Ancillary Meeting: ABHRS Primary Exam
3:00PM-7:00PM	Registration
3:00PM-8:00PM	Speaker Ready Room
3:00PM-5:15PM	ISHRS Executive Committee Meeting (invitation only)

WEDNESDAY | September 9, 2015

6:30AM-5:30PM	Registration
6:30AM-6:00PM	Speaker Ready Room
7:30AM-12:00PM	401-Surgical Assistants Program (ticket required)
8:00AM-4:00PM	ISHRS Board of Governors Meeting (invitation only)
8:00AM-6:00PM	402-Basics Course (ticket required)
9:00AM-12:00PM	403-406 – FUE & SMP Mini Courses (ticket required)
1:00PM-7:00PM	Exhibitors Set-up
1:00PM-6:00PM	407-Advanced/Board Review Course (ticket required)
2:00PM-5:00PM	408-411-FUE & SMP Mini Courses (ticket required)
5:00PM-7:00PM	Global Council of Hair Restoration Surgery Societies Meeting (invitation only)
7:30PM-8:30PM	Ancillary Meeting: ABHRS Recertification Exam

ISHRS MEETING **Newcomers Program**



Jennifer H. Martinick, MBBS

Welcome Newcomers!

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

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

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

All registration categories were welcome to participate.

For those interested in participating in next year’s annual meeting, please notify ISHRS Headquarters, info@ishrs.org.

THURSDAY | September 10, 2015

6:30AM-6:30PM	Registration
7:00AM-6:00PM	Speaker Ready Room
7:00AM-8:30AM	Newcomers Orientation & Speed Networking (ticket required)
7:30AM-6:30PM	E-Poster Viewing
8:00AM-9:00AM	Continental Breakfast
8:00AM-7:30PM	Exhibits
9:00AM-12:00PM	101-Surgical Assistants Cutting/Placing Workshop (ticket required)
8:45AM-6:00PM	GENERAL SESSION
8:45AM-9:25AM	Welcome to the 23rd Annual Scientific Meeting
	LEARNING OBJECTIVES
	<ul style="list-style-type: none"> Describe program goals in understanding the different surgical techniques in donor harvesting and placement, design issues, patient selection, complications, and future therapies.
9:00AM-9:10AM	10 Program Chair Welcome & Announcements
001	Nilofer P. Farjo, MBChB, FISHS
9:11AM-9:25AM	14 President's Address
002	Sharon A. Keene, MD, FISHS
9:27AM-10:30AM	Donor Part I: FUE
	Moderator: James A. Harris, MD, FISHS
	LEARNING OBJECTIVES
	<ul style="list-style-type: none"> Describe techniques & instruments that can be used for FUE harvesting including their advantages and disadvantages. Evaluate donor area response in FUE procedures.
9:27AM-9:30AM	3 Moderator Introduction and Overview of ISHS FUE Research Committee
003	James A. Harris, MD, FISHS
9:30AM-9:45AM	15 FEATURED LECTURE
	A Tribute to the Okuda Papers
004	Francisco Jimenez, MD, FISHS

9:47AM-9:54AM	7 Modern Extraction Techniques: Sharp vs. Blunt Punches
005	James A. Harris, MD, FISHS
9:55AM-10:02AM	7 A Side-by-Side Study of 20 Consecutive FUE Patients Comparing the Use of a 0.9mm Sharp vs. Dull Punch
006	David S. Josephitis, DO, FISHS
10:03AM-10:10AM	7 Surface Area Response to FUE
007	Chiara Insalaco, MD
10:10AM-10:30AM	20 Q&A
10:30AM-11:00AM	Coffee Break & Visit the Exhibits/ View E-Posters
11:00AM-12:00PM	Hair Biology and Graft Survival
	Moderator: Mario Marzola, MBBS
	LEARNING OBJECTIVES
	<ul style="list-style-type: none"> Demonstrate how an understanding of hair biology may lead to new therapies. Discuss various hair research projects and how they may impact therapies or treatments for hair loss.
11:00AM-11:02AM	2 Moderator Introduction
008	Mario Marzola, MBBS
11:02AM-11:09AM	7 Hair Follicle Stimulation by Stromal Vascular Fraction Enhanced Adipose Transplantation in Baldness
009	David Perez-Meza, MD, FISHS
11:10AM-11:18AM	8 Gene Expression in Micrografts During Hair Restoration Surgery
010	Walter Krugluger, MD, PhD
11:19AM-11:24AM	5 Update on Holding Solutions
011	William M. Parsley, MD
11:25AM-11:30AM	5 Methylene Blue: Its Efficacy and Safety as a Storage Solution in Hair Transplantation
012	Chinmanat Tangjaturonrusamee, MD
11:31AM-11:38AM	7 A Comparison of Apoptotic Activity for Hair Grafts in Three Different Holding Solutions
013	Paul T. Rose, MD, JD, FISHS
11:40AM-12:00PM	20 Q&A
12:00PM-1:00PM	BOX LUNCH – For all registered attendees and exhibitors. Use the ticket in your registration packet to obtain a boxed lunch. You may choose to enjoy your lunch break by attending the lunch symposium, visiting the exhibits, or enjoying a break in the lobby areas, or in your hotel room.



12:45PM-1:45PM **Lunch Symposium**

014 Moderator: Ken Washenik, MD, PhD, FISHRS

Panel:

015 Jerry E. Cooley, MD

016 Nilofer P. Farjo, MBChB, FISHRS

LEARNING OBJECTIVES

- Review the latest developments in molecular regulation of hair follicle function and discuss their relevance to clinical practice.

ADVANCES IN HAIR BIOLOGY LECTURE
Extrinsic Regulation of Hair Follicle Stem Cells

FEATURED GUEST SPEAKER

017 **Valerie Horsley, PhD**
Maxine F. Singer Associate Professor of Molecular Cellular & Development Biology and Dermatology, Yale University, New Haven, Connecticut, USA
 The Advances in Hair Biology Lectureship is generously supported by a grant from BOSLEY.

2:15PM-3:30PM **Donor Part II: Strip Harvesting & Combined Techniques**

Moderator: Márcio Crisóstomo, MD

LEARNING OBJECTIVES

- Describe approaches used in FUT strip and combined FUE plus strip harvesting, including advantages and disadvantages.
- Evaluate and compare hair growth rate of FUE grafts versus grafts from standard strip harvesting technique.

2:15PM-2:17PM **2 Moderator Introduction**

018 Márcio Crisóstomo, MD

2:17PM-2:29PM **12 Overview of Strip Harvesting Procedure**

019 Bradley R. Wolf, MD, FISHRS

2:30PM-2:37PM **7 Is Blade Getting Out of Date Today Against Holes?**

020 Mohammad H. Mohmand, MD, FISHRS

2:38PM-2:48PM **10 Choosing the Donor Harvesting Technique Between "Follicular Unit Extraction" (FUE) and "Follicular Unit Microscopically Dissection" (FUMD), According to the Rational Use of the Donor Area Supply and Hair Restoration Planning**

021 Arthur Tykocinski, MD, FISHRS

2:49PM-2:54PM **5 The Hybrid Procedure- How It Goes Beyond Transitioning From Strip to FUE, Maximizing the Advantages of the Two Techniques**

022 Jeffrey S. Epstein, MD

2:55PM-3:05PM **10 Comparative Study of FUE and FUT Survival in Four Patients (3560 Hairs/Follicles Studied)**

023 Michael L. Beehner, MD

3:05PM-3:30PM **25 Q&A**

3:30PM-4:00PM **Coffee Break & Visit the Exhibits/ View E-Posters**

4:00PM-4:47PM **Concomitant Therapy**

Moderator: Kuniyoshi Yagyu, MD, FISHRS

LEARNING OBJECTIVES

- Describe the results of studies with bioenhancements and bioadjuncts and their impact on hair growth.

4:00PM-4:02PM **2 Moderator Introduction**

024 Kuniyoshi Yagyu, MD, FISHRS

4:02PM-4:07PM **5 Science Behind Low Level Laser Therapy**

025 Robert S. Haber, MD, FISHRS

4:08PM-4:15PM **7 Combination of a Non-Ablative 1,550 nm Erbium: Glass Fractional Laser and Mesotherapy Using Autologous Platelet-Rich Plasma in Treatment of Both Male and Female Androgenetic Alopecia**

026 Ratchathorn Panchaprateep, MD

4:15PM-4:35PM **20 Natural Ingredients for Activating Biological Targets in the Hair Follicle**

FEATURED GUEST SPEAKER

027 **Ranjit Bhogal, PhD**
Research Scientist, Unilever R&D, Bedfordshire, United Kingdom

4:35PM-4:47PM **12 Q&A**



4:50PM-5:22PM **Difficult Cases I: Managing the Young Patient**
 Moderator: David Perez-Meza, MD, FISHRS

LEARNING OBJECTIVES

- Compare and contrast different surgeons' approaches to young patients, including designing hairlines, assessing available donor hair and recommending other treatment options.
- Recognize surgical limitations in marginal candidates and develop appropriate treatment plans.

4:50PM-4:52PM **2 Moderator Introduction**
028 David Perez-Meza, MD, FISHRS

4:52PM-4:54PM **2 Video I: Young Patient Scenario I**
029 Bessam K. Farjo, MBChB, FISHRS

4:55PM-5:08PM **13 Discussion**

5:09PM-5:11PM **2 Video 2: Young Patient Scenario 2**
030 Bessam K. Farjo, MBChB, FISHRS

5:12PM-5:22PM **10 Discussion**

5:25PM-6:00PM **Advanced Video Techniques: How I Do It**
 Moderator: Glenn M. Charles, DO

LEARNING OBJECTIVES

- Describe different surgeons' novel approaches in hair restoration.

5:25PM-5:27PM **2 Moderator Introduction**
031 Glenn M. Charles, DO

5:28PM-5:33PM **5 Surgical Correction of Plugs and Strip Scar with FUE-Strip Combination Procedures in Three Stages**
032 Ken L. Williams, DO

5:33PM-5:36PM **3 The Preview Intra-Operatory Technique for Maximum Width Excision with Minimum Risk in Reduced Laxity Donor Areas**
033 Marcelo Pitchon, MD

5:37PM-5:39PM **2 A Novel Approach to Using Liposomal Bupivacaine**
034 Paul T. Rose, MD, JD, FISHRS

5:40PM-5:45PM **5 An Innovative Module To Learn All Steps of Strip Method of Follicle Harvesting and Implantation**
035 Seema Garg, MBBS, MSc

5:45PM-6:00PM **15 Q&A**

6:00PM-7:30PM **Welcome Reception** (in Exhibit Hall)

Welcome RECEPTION

DATE Thursday | September 10, 2015

TIME 6:00PM-7:30PM

FEE No extra fee required.

LOCATION ISHRS Exhibit Hall in Stevens Salon A, Lower Level

Join us in the Exhibit Hall after the first stimulating day of the meeting to connect with your colleagues, meet new friends and unwind.

The Welcome Reception is a great opportunity to spend time talking with exhibitors and reviewing their products and services in a relaxed atmosphere. Cocktails and light hors d'oeuvres will be served. This event is open to all meeting attendees, their guests, and exhibitors.



FRIDAY | September 11, 2015

6:00AM-6:00PM	Speaker Ready Room
6:30AM-6:30PM	Registration
7:00AM-8:30AM	201-204 – Workshops (ticket required)
7:00AM-6:00PM	E-Poster Viewing
8:00AM-6:00PM	Exhibits
8:00AM-9:00AM	Continental Breakfast
9:00AM-5:15PM	GENERAL SESSION
9:00AM-9:47AM	Design & Planning Moderator: William R. Rassman, MD LEARNING OBJECTIVES • Describe the approaches to recipient area design and planning. • Discuss planning of recipient sites. • Describe how to manage the patient with a tight scalp.
9:00AM-9:02AM	2 Moderator Introduction 036 William R. Rassman, MD
9:02AM-9:12AM	10 The Perfect Hairline - More Architecture Less Engineering 037 Antonio S. Ruston, MD
9:13AM-9:20AM	7 Temples of India 038 Tejinder Bhatti, MD
9:21AM-9:28AM	7 Pre-Made Incisions 039 Robert M. Bernstein, MD, FISHRS
9:29AM-9:34AM	5 Follicular Unit Hair Transplantation in Tight Scalps 040 Farhad S. Rejali, MD
9:35AM-9:47AM	12 Q&A
9:50AM-10:30AM	Finasteride Symposium Moderator: Russell G. Knudsen, MBBS, FISHRS LEARNING OBJECTIVES • Review the latest studies on the efficacy and safety of finasteride 1 mg in androgenetic alopecia. • Discuss possible adverse events related to finasteride use, including claims of persistent sexual dysfunction.
9:50AM-9:52AM	2 Moderator Introduction 041 Russell G. Knudsen, MBBS, FISHRS

9:52AM-9:57AM	5 Controversies for Prostatic Specific Antigen (PSA) Testing 042 Edwin S. Epstein, MD, FISHRS
9:57AM-10:17AM	20 Update on Post Finasteride Syndrome FEATURED GUEST SPEAKER 043 Mohit Khera, MD, MBA, MPH <i>Associate Professor of Urology, Scott Department of Urology, Baylor College of Medicine, Houston, Texas, USA</i>
10:17AM-10:30AM	13 Q&A
10:30AM-11:00AM	Coffee Break & Visit the Exhibit/View E-Posters
11:00AM-12:15PM	Difficult Cases II: Advanced Techniques Moderator: James E. Vogel, MD, FISHRS LEARNING OBJECTIVES • Describe advanced surgical techniques in unique situations. • Discuss the ISHRS Operation Restore program and several cases. • Explain when to consider flaps and expanders over grafting techniques.
11:00AM-11:02AM	2 Moderator Introduction 044 James E. Vogel, MD, FISHRS
11:02AM-11:07AM	5 Eyelashes 045 Jennifer H. Martinick, MBBS
11:09AM-11:19AM	10 The Surgical Hairline Advancement Procedure- An Efficient and Impressive Option for the Appropriate Patient 046 Jeffrey S. Epstein, MD
11:20AM-11:25AM	5 Immediate Hair Transplant in Facial Feminization Surgery 047 Teresa Meyer-Gonzalez, MD
11:25AM-11:29AM	4 Introduction to Operation Restore 048 Edwin S. Epstein, MD, FISHRS
11:30AM-11:55AM	25 Operation Restore Case Presentations 049 Edwin S. Epstein, MD, FISHRS
11:55AM-12:15PM	20 Q&A



12:15PM-2:15PM	Lunch On Your Own/ or Attend a Workshop/ or Visit Exhibits
12:30PM-2:00PM	Workshops 211, 212, 213, 214, 215 (ticket required)
2:15PM-2:57PM	How “Safe” is the Donor Area? Moderator: Sungjoo Tommy Hwang, MD, PhD, FISHRS LEARNING OBJECTIVES • Describe studies on long term graft survival and on donor area response to surgery.
2:15PM-2:17PM	2 Moderator Introduction 050 Sungjoo Tommy Hwang, MD, PhD, FISHRS
2:17PM-2:22PM	5 The Safe Donor Area 051 Marc R. Avram, MD, FISHRS
2:23PM-2:30PM	7 Are Hair Transplants Permanent? 052 Bessam K. Farjo, MBChB, FISHRS
2:31PM-2:36PM	5 Body Hair Transplant by Follicular Unit Extraction: My Experience with 122 Patients 053 Sanusi H. Umar, MD
2:37PM-2:42PM	5 Effect of Previous Follicular Transplant Surgeries on Partial and Complete Transection Rates in Follicular Unit Extraction Method 054 Veral R. Desai, MCh
2:42PM-2:57PM	15 Q&A
3:00PM-3:45PM	New Innovations Moderator: Georgios Zontos, MD LEARNING OBJECTIVES • Describe novel techniques related to hair restoration surgery.
3:00PM-3:01PM	1 Moderator Introduction 055 Georgios Zontos, MD
3:01PM-3:09PM	8 3D FUE - A New Dimension for Better, Easier FUE 056 Tseng-Kuo Shiao, MD, FISHRS
3:10PM-3:22PM	12 Update on Piloscopy: A Novel Subdermal Approach to Harvest Intact Hair Follicles that Maintains Transplanted Graft Viability without Evidence of Donor Scarring 057 Carlos Wesley, MD

3:23PM-3:30PM	7 Punch Hair Grafts Harvested From the Scalp Induce a Better Healing Response than Non-Hairy Punches, When Transplanted Into Chronic Leg Ulcers 058 Francisco Jimenez, MD, FISHRS
3:30PM-3:35PM	5 New Disposable Cordless FUE Motor 059 Shady H. El-Maghraby, MBCh
3:35PM-3:45PM	10 Q&A
3:45PM-4:00PM	Break/Attendees Grab a Coffee
4:00PM-5:15PM	Coffee with the Experts or Visit the Exhibits/E-Posters/Coffee 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 in the General Session room will be labeled with a topic and table leader's name. You may sit at any table you like and rotate to as many tables as you wish. Coffee is available in the exhibit area. LEARNING OBJECTIVES • Discuss various hair restoration surgery topics in-depth in small groups.
060	1. PRP Preparation Jerry E. Cooley, MD
061	Aman Dua, MD, MBBS
062	2. Getting Started in Hair Transplantation Konstantinos K. Anastassakis, MD, PhD
063	Piero Tesauro, MD
064	3. Implanters Dae-Young Kim, MD, PhD, FISHRS
065	Andrea Tchalakov, MD
066	4. Low Level Laser Devices Grant F. Koher, DO, FISHRS
067	Bernard P. Nusbaum, MD, FISHRS
068	5. Painless Anesthesia John D.N. Gillespie, MD, FISHRS
069	Marco Toscani, MD
070	6. How to Hire and Train Assistants Jennifer H. Martinick, MBBS
071	Emina K. Vance
072	7. FUE, FUT or Both? Pierre Bouhanna, MD, FISHRS
073	Márcio Crisóstomo, MD
074	8. Hairline Design Paul T. Rose, MD, JD, FISHRS
075	Ronald L. Shapiro, MD, FISHRS



221-ISHRS & ABHRS MORBIDITY & MORTALITY (M&M) CONFERENCE

DATE Friday | September 11, 2015

TIME 5:45PM-8:30PM

FEE \$75

LEVEL Limited to Physicians Only, All Levels



Marco N. Barusco, MD

Director: Marco N. Barusco, MD

Faculty: Scott A. Boden, MD, FISHRS

Márcio Crisóstomo, MD

Juan Ruiz, MD

Michael W. Vories, MD

Sara M. Wasserbauer, MD, FISHRS

Gregory Williams, MBBS, FISHRS

Ken L. Williams, DO

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

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

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

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

Registration is limited.

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

LEARNING OBJECTIVES

Upon completion of the course you will be able to:

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



076	9. Emergencies
077	Timothy P. Carman, MD, FISHRS Kuniyoshi Yagyu, MD, FISHRS
078	10. Photos and Video Techniques
079	Bessam K. Farjo, MBChB, FISHRS James E. Vogel, MD, FISHRS
080	11. FUE Megasesion
081	Arika Bansal, MD Akaki Tsilosani, MD, PhD
082	12. Scalp Reconstruction Procedures (Hairline Lowering, Expanders and Flaps)
083	Sheldon S. Kabaker, MD, FISHRS Henrique N. Radwanski, MD
084	13. Finasteride
085	Marco N. Barusco, MD Maurice P. Collins, FRCSI
086	14. Nutraceuticals
087	Ranjit Bhogal, PhD Nicole E. Rogers, MD
088	15. Spanish-Speaking Table: How to Get Started in FUE
	Luis Roberto Trivellini, MD
089	16. Korean-Speaking Table: Hairline Design for MPHL and Female Hair Line Correction
	Sungjoo Tommy Hwang, MD, PhD, FISHRS
090	17. Surgical Assistant Table: Surgical Assistant Role in FUE
091	Tina M. Lardner Janna Shafer

5:45PM-8:30PM

221-ISHRS & ABHRS M&M Conference
(ticket required)

SATURDAY | September 12, 2015

7:00AM-2:50PM	E-Poster Viewing
7:45AM-8:45AM	Continental Breakfast
7:45AM-3:15PM	Registration
7:45AM-3:00PM	Exhibits
8:00AM-3:15PM	Speaker Ready Room

8:00AM-8:55AM Breakfast with the Experts

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 in the General Session room will be labeled with a topic and table leader's name. You may sit at any table you like and rotate to as many tables as you wish. Coffee is available in the exhibit area.

LEARNING OBJECTIVES

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

1. Marketing – Including Social Media	Bernardino A. Arocha, MD, FISHRS Glenn M. Charles, DO	092 093
2. Fellowships and Other Training	Pierre Bouhanna, MD, FISHRS Robert P. Niedbalski, DO	094 095
3. Eyebrows	Marcelo Pitchon, MD Sara M. Wasserbauer, MD, FISHRS	096 097
4. Chest Hair FUE	Arvind Poswal, MBBS	098
5. Eyelash Aftercare	Alan J. Bauman, MD, FISHRS	099
6. Black African Hair	Patrick Mwamba, MD William D. Yates, MD	100 101
7. Unpatterned Hair Loss	Gholamali Abbasi, MD Nina Otberg, MD	102 103
8. FUE Tool Selection	Jean M. Devroye, MD, FISHRS Kapil Dua, MBBS, MD	104 105
9. Concomitant Therapies	Mark S. DiStefano, MD, FISHRS Rajendrasingh Rajput, MCh, FISHRS	106 107
10. Management of Wide Donor Scars	Raymond J. Konior, MD Gregory Williams, MBBS, FISHRS	108 109
11. FUT Megaseasion	Steven P. Gabel, MD, FISHRS Arthur Tykocinski, MD, FISHRS	110 111
12. Female Hair Transplant	Paul C. Cotterill, MD, FISHRS Vincenzo Gambino, MD, FISHRS	112 113
13. Robotic Hair Transplant	Mark Bishara, MD Craig L. Ziering, DO, FISHRS	114 115
14. Recipient Area Planning	Michael L. Beehner, MD Mauro Speranzini, MD	116 117
15. Spanish-Speaking Table: Female Hair Transplant: Clinical and Surgical Evaluation	Sara L. Salas, MD	118
16. Korean-Speaking Table: FUE in Asians	Jino Kim, MD	119
17. Surgical Assistant Table: Surgical Assistant Role in Enhancing Patient Experience	Sara Roberts, RN Aileen R. Ullrich, CMA	120 121





9:00AM-2:50PM	GENERAL SESSION
9:00AM-9:45AM	Difficult Cases III: Cicatricial Alopecia Moderator: Ricardo Mejia, MD LEARNING OBJECTIVES • Describe diagnostic dilemmas. • Discuss the possible role of surgery in patients with non-androgenetic alopecia.
9:00AM-9:02AM	2 Moderator Introduction I22 Ricardo Mejia, MD
9:03AM-9:13AM	10 LPP and FFA Diagnosis I23 Ricardo Mejia, MD
9:14AM-9:21AM	7 Surgical Correction of Primary Cicatricial Alopecia: Is it Rational? I24 Ekrem Civas, MD
9:22AM-9:29AM	7 Graft Survival in Patients with Frontal Fibrosing Alopecia: Results of a 2 year Follow Up Study I25 Jeff Donovan, MD, PhD
9:30AM-9:45AM	15 Q&A
9:45AM-10:00AM	Poster Awards & Discussion of 1st Place Poster Carlos J. Puig, DO, FISHRS, Scientific Research, Grants & Awards Committee
10:00AM-10:50AM	ISHRS General Membership Business Meeting & Service Awards
10:50AM-11:15AM	Coffee Break & Visit the Exhibits/ View E-Posters

11:15AM-11:55AM	Regulations & Training Moderator: Carlos J. Puig, DO, FISHRS LEARNING OBJECTIVES • Discuss new international regulations in hair restoration surgery. • Discuss requirements for training.
11:15AM-11:22AM	7 Moderator Introduction I26 Carlos J. Puig, DO, FISHRS
11:22AM-11:37AM	15 Legal Perspectives I27 Peter A. Gaido, JD, Gaido & Fintzen Attorneys at Law, Chicago, Illinois, USA
11:38AM-11:55AM	17 Regulations Panel and Q&A: A Global Perspective Panel: I28 Gholamali Abbasi, MD I29 Jean M. Devroye, MD, FISHRS I30 Anil K. Garg, MBBS I31 Sungjoo Tommy Hwang, MD, PhD, FISHRS I32 Henrique N. Radwanski, MD I33 Gregory Williams, MBBS, FISHRS
12:00PM-12:45PM	Complications and Ethics Moderator: Paul C. Cotterill, MD, FISHRS LEARNING OBJECTIVES • Review the management of intra and post-operative complications. • Discuss complications secondary to ethical issues.
12:00PM-12:02PM	2 Moderator Introduction I34 Paul C. Cotterill, MD, FISHRS
12:02PM-12:09PM	7 Case Report: Cardiac Emergency I35 Ken L. Williams, DO
12:10PM-12:15PM	5 How to Avoid Complications in Hair Restoration I36 Daniel De Uranga, MD <i>withdrawn</i>
12:15PM-12:45PM	30 Debate on Ethics Panel: I37 Vincenzo Gambino, MD, FISHRS I38 Emre Karadeniz, MD
12:45PM-1:45PM	BOX LUNCH – For all registered attendees and exhibitors. Use the ticket in your registration packet to obtain a boxed lunch. You may choose to enjoy your lunch break by attending the lunch symposium, visiting the exhibits, or enjoying a break in the lobby areas, or in your hotel room.

1:30PM-2:45PM	Lunch Symposium: Female Pattern Hair Loss Moderator: Dow B. Stough, MD LEARNING OBJECTIVES • Discuss treatment options in female pattern hair loss. • Describe possible etiologies involved in female pattern hair loss.
1:30PM-1:32PM	2 Moderator Introduction I39 Dow B. Stough, MD
1:33PM-1:43PM	10 The Role of Inflammation and Immunity in the Pathogenesis of Female-Pattern Hair Loss I40 Neil S. Sadick, MD
1:44PM-1:51PM	7 Results of Concomitant Therapies for Female Pattern Hair Loss: Global Photography and Hair Mass Index Results in over 50 Patients I41 Bernard P. Nusbaum, MD, FISHRS
1:52PM-1:54PM	2 Introduction of Guest Lecturer Dow B. Stough, MD
1:55PM-2:25PM	30 NORWOOD LECTURE Androgens, Genetics and Female Pattern Hair Loss FEATURED GUEST SPEAKER I42 Andrew G. Messenger, MD <i>Professor of Dermatology, University of Sheffield, United Kingdom</i>
2:25PM-2:45PM	20 Q&A
2:45PM-4:45PM	Live Patient Viewing Surgeons Presenting Cases: Alan J. Bauman, MD, FISHRS Márcio Crisóstomo, MD Sheldon S. Kabaker, MD, FISHRS Sreedhar R. Pothula, MDS Antonio S. Ruston, MD Ronald L. Shapiro, MD, FISHRS Michael W. Vories, MD Craig L. Ziering, DO, FISHRS LEARNING OBJECTIVES • Assess the results of real live patients from a variety of cases that utilized different approaches and techniques.
2:45PM-2:50PM	5 Brief Comments on Live Patient Viewing I43 Márcio Crisóstomo, MD
2:50PM-4:45PM	I15 Live Patient Viewing
3:00PM-6:00PM	Exhibits Dismantle
3:45PM-4:45PM	CME Committee Meeting (invitation only)
7:00PM-1:00AM	Gala Masquerade Ball & Awards Ceremony (ticket required)



SUNDAY | September 13, 2015

10:00AM-12:00PM	Brunch
10:00AM-12:45PM	Registration
10:30AM-12:30PM	General Session
10:30AM-12:30PM	Open Debate: Challenge the Experts/ Speakers Bring your questions and ideas, or submit your questions in advance to the moderators. Open microphone format I44 Moderators: Carlos J. Puig, DO, FISHRS and I45 Robert S. Haber, MD, FISHRS Panel: John P. Cole, MD Bessam K. Farjo, MBChB, FISHRS William R. Rassman, MD LEARNING OBJECTIVES • Discuss various hair restoration topics in-depth in an open forum. • Discuss controversies in hair restoration.
12:30PM	Meeting Adjourns





Gala MASQUERADE BALL
AWARDS CEREMONY

DATE Saturday | September 12, 2015

TIME 7:00PM-1:00AM

7PM Cocktail reception | 8PM Dinner

FEE \$95 per person

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

LOCATION Grand Ballroom, Hilton Chicago

This year's Gala will be a very special Gala Masquerade Ball, quite fitting to the beautiful historical Grand Ballroom at the Hilton Chicago. It will be an evening of mystery, intrigue and fun with your masked ISHRS friends and colleagues. Don't forget to pack your costume!



We will start off the evening with the Gala Dinner and Awards, where the Golden and Platinum Follicle Awards and Distinguished Assistant Award will be presented, in addition to other important awards and recognitions. Then, we will dance the night away to live music.

The attire will be masquerade costume (think Old World/Venetian Masquerade) – masks and all. However, if you opt not to wear a masquerade costume, the attire is then formal with black tie optional.

Tickets are required for entry and must be purchased in advance (see registration form). Tickets are not included in the main meeting registration fee. No corporate support is received for the Gala.

PLEASE NOTE Tickets to the Gala are non-refundable due to the guaranteed reservation that the ISHRS must make on behalf of the attendee.

SCIENTIFIC E-POSTER PRESENTATIONS

The scientific poster presentations will be on display in the rear of the Grand Ballroom (our General Session) and also in Normandie Lounge, near the ISHRS Registration Desk. They will be presented as electronic posters (e-posters) which can be viewed at several flat screens and computer terminals. The Scientific Research, Grants, and Awards Committee will review and rate the posters. Certificates of recognition will be awarded to the highest scoring posters.

SCIENTIFIC E-POSTER VIEWING HOURS

THURSDAY September 10, 2015	7:30AM-6:30PM
FRIDAY September 11, 2015	7:00AM-6:00PM
SATURDAY September 12, 2015	7:00AM-2:50PM

SCIENTIFIC E-POSTER AWARDS

SATURDAY September 12, 2015	9:45AM In General Session
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P01 Eyebrows Correction and Augmentation: Alone or Combination Treatment
Julieta P. Arambulo, MD

P02 Eyebrow and Beard Transplantation - Effective Techniques Developed From the Experience of Performing Over 1000 Cases
Anthony Bared, MD

P03 Novel Use of Cryogenically Preserved Amnionic ECM Extracellular Matrix with Platelet Rich Plasma PRP for Hair Regrowth
Alan J. Bauman, MD, FISHRS

P04 FUE Yield: A Rational Assessment
Tejinder Bhatti, MD

P05 Donor Area Planning in Follicular Unit Extraction
Scott A. Boden, MD, FISHRS

P06 Combining Concept of FUE and FUL Techniques for Advanced Male Baldness
Pierre Bouhanna, MD, FISHRS

P07 The Combined Technique (COMBO Strip + FUE): Different Approaches for Different Baldness (from NW IV to VII and Secondary cases)
Márcio Crisóstomo, MD

P08 Hair Regrowth in Alopecia Areata Universalis with Fractioned CO2 Laser Therapy - Case Report
Márcio Crisóstomo, MD

P09 Instant Follicular Hair Unit Transplantation (IFHUT) - The Next Step
Viral R. Desai, MCh

P10 FUE, Re-Growth Rate of Transected Hair in the Donor Area
Jean M. Devroye, MD, FISHRS

P11 VIEWPOINT - Cardiovascular Risk Factors in Young Men and Women with Androgenetic Alopecia: Are We Bypassing an Important Issue?
Jeff Donovan, MD, PhD

P12 Clock Genes Modulate the Human Hair Cycle Providing Potential Future Therapeutic Target
Bessam K. Farjo, MBChB, FISHRS

P13 A New Approach to Design Anterior Hair Line and Temporal Peak in Male Pattern Alopecia. Study of 124 Cases
Anil K. Garg, MBBS

P14 Vacuum Assisted Follicle Extraction Devise (VAFED), an Innovative Devise for FUE with Negligible Follicle Transection
Anil K. Garg, MBBS

P15 Follicular Unit Extraction with Long Hair (FUE-LH) by use of G-tip
Gihwan Gong, MD

P16 Dermoscopy in Frontal Fibrosing Alopecia: Guiding the Diagnosis and Treatment
Alessandra Juliano, MD

P17 Temporal Hairline Correction in Low grade MPB with Wide Forehead
JaeHeon Jung, MD

P18 Platelet Rich Plasma (PRP) Therapy Results in Male Pattern Baldness
John Kahen, MD

P19 Efficacy of Nutritive therapy without Topical Minoxidil for Female Pattern Hair Loss
Akiko Kaneko, MD, PhD

P20 Are Transected Follicles Within FUE Grafts Wasted?: A Case Study
Emre Karadeniz, MD

P21 Improved Compliance of Topical Minoxidil with Dry-Shampoo Spray
Dae-young Kim, MD, PhD, FISHRS

P22 Hair Thinning Procedure by Low Fluence Photoepilation with Intense Pulsed Light (IPL) After Female Hairline Correction Surgery
Narae Kim, MD

P23 Scalp Medical Tattooing Technique Applied for Camouflage of See Through Appearance Near Parietal Whorls Due to Split or Flattened Hair or Double Parietal Whorl in Patients Without Alopecia
Narae Kim, MD

P24 Value of Measurement of the Antinuclear Antibody Titer ANA 1 and ANA 2 Before PRP in the Treatment of Alopecia
Malgorzata Kolenda, MD, FISHRS

P25 Topical Estrone Solution is Safe and Effective Treatment for Androgenetic Alopecia in Females
Jennifer Krejci, MD

P26 A New Clinical Scoring System to predict the outcome of a FUE Hair Restoration Surgery
Gaurang Krishna, MD

P27 Two Step Procedure for Scalp Scar Repair
Gorana Kuka, MD



P28 Revision of Eyebrow Reconstruction
Yi-Jung Lin, MD

P29 Moustache and Hair Transplantation for Vitiligo Patient
Yi-Jung Lin, MD

P30 Operational Audit of Multi-clinic Hair Transplant Practice
Shalini Malhotra, MBBS, DNB

P31 Nagai's Both Hands Technique for Hair Restoration
Masahisa Nagai, MD, FISHRS

P32 An Operation Method to Increase the Survival Rate by Preventing Blood Bed Damage
Kun Oc, MD

P33 Side-Hairline Correction in Asian Female Patients
Jae Hyun Park, MD

P34 Secondary Female Hairline Correction Surgery
Jae Hyun Park, MD

P35 Restoration of the Displaced Sideburns After Face Lift
Soo-ho Park, MD

P36 Use of Tricopigmentation in Various Scenarios
Arvind Poswal, MBBS

P37 Surgical Approach to Repair of Substandard Hair Transplant Cases
Sreedhar Pothula, MD

P38 Pilot Study of the Effect of Micro-pigmentation of Scalps Affected by Scarring Alopecia
Carlos J. Puig, DO, FISHRS

P39 Cross Hatch Technique for Vertex Hair Transplant
Satya Saraswat, MD

P40 Prosthetic Hair Systems: The Best Option When Hair Restoration Surgery Is Not Viable
Marie A Schamach, MD

P41 Revision of Unsuccessful Hair Transplant by FUE, How I Struggle With It?
Ilhan Serdaroglu, MD

P42 A Quick Overview of 3D Printing and its Potential Applications in Hair Transplant
Tseng-Kuo Shiao, MD, FISHRS

P43 How to Distribute F.U. in the Recipient Area
Mauro Speranzini, MD

P44 Skin Crease Slits
Saroj Suvanasuthi, MD, PhD

P45 Hair Counts from Scalp Donor Site of Hair Transplant Participants
Rattapon Thuangtong, MD

P46 Use of Nape and Peri-Auricular Hair by Follicular Unit Extraction to Create Soft Hairlines and Temples: My experience with 128 patients
Sanusi H. Umar, MD

P47 Unusual Applications of FUE Hair Transplantation
Anastasios Vekris, MD

P48 Follicle Implantation Quality Control Method
Carlos Velasco, MD

P49 Duration of Anesthesia Comparison of 0.5% Bupivacaine and Bupivacaine Liposomal Injectable Suspension
Sara M. Wasserbauer, MD, FISHRS

P50 Characterizing Ergonomics and Work-Related Musculoskeletal Disorders
Ken L. Williams, DO

P51 Hairs Per Graft' as a Means of Quality Control Amongst Strip FUT Hair Transplant Surgical Assistants
Gregory Williams, MBBS, FISHRS

P52 Safety Measures of Hemodynamics in Hair Restoration Surgery: What is Safe? What is Dangerous?
Kuniyoshi Yagyu, MD, FISHRS

P53 Simple Trichophytic Incision
Kuniyoshi Yagyu, MD, FISHRS

P54 Treatment of Thin Linear scar on the Scalp
Kazuhiro Yamamoto, MD

P55 The Stimulation of Hair Follicle Formation and Development by a Novel Signaling Molecule, NAAADP
Migyoung Yang, MD, PhD

P56 Scalp to Beard FUE
Ummer Yaseen, MD

P57 Effect of Microneedling in Patients Having Androgenetic Alopecia
Ummer Yaseen, MD

P58 Photo Views Guidelines. Know the Picture You Want, Get the Picture You Need
Sebastian Yriart, MD

P59 How the Physician Can Avoid Possible Increases in Transection Rate by Using Basic Physics in FUE Donor Harvesting
Georgios Zontos, MD

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

Advances in Hair Biology Lecturer



Valerie Horsley, PhD

Maxine F. Singer Associate Professor of Molecular Cellular & Developmental Biology and Dermatology, Yale University, New Haven, Connecticut, USA

Valerie Horsley completed her Bachelor of Science degree in biology at Furman University in South Carolina before moving to Atlanta to earn her

PhD in Biochemistry, Cell and Developmental Biology at Emory University. Her postdoctoral work with Elaine Fuchs at Rockefeller University in New York was on mechanisms of stem cell lineage commitment and quiescence. Valerie has received numerous awards for her research work, notable among these were the Rosalind Franklin Young Investigator Award given by the Genetics Society of America and the Presidential Early Career Award (PECASE) in 2012.

Dr. Horsley's lab at Yale is interested in understanding the cellular and molecular mechanisms that control tissue development, homeostasis, and regeneration. They primarily use skin as a model system to define how epithelial stem cells and other cell types interact to regulate the function of skin cells.

Dr. Horsley will speak on, "Extrinsic Regulation of Hair Follicle Stem Cells."

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

Norwood Lecturer



Andrew G. Messenger, MD, FRCP

Professor of Dermatology, Sheffield Teaching Hospitals and University of Sheffield, Sheffield, UK

Professor Andrew Messenger is a Consultant Dermatologist who works for the UK National Health Service. He also holds an appointment with the University of Sheffield. He

trained in medicine at the University of Newcastle-upon-Tyne. His dermatology training was at St John's Hospital in London, in Stoke-on-Trent and in Sheffield, and he has also been a visiting fellow in Innsbruck and Melbourne. Prof. Messenger has a special interest in hair disease although he works mainly as a general dermatologist in both adult and pediatric practice. He has a longstanding research interest in hair biology and disease, initially in the pathogenesis of alopecia areata, which formed the subject of his MD thesis. He developed the method for culturing dermal papilla cells from human hair follicles whilst a trainee in dermatology. In addition to ongoing involvement in alopecia areata, his subsequent research has encompassed various aspects of pattern hair loss and, most recently, frontal fibrosing alopecia. Professor Messenger was President of the European Hair Research Society 2004-2006, President of the World Congress for Hair Research held in Edinburgh 2013 and is current President of the UK Institute of Trichologists.

Dr. Messenger will speak on, "Androgens, Genetics and Female Pattern Hair Loss."

A Tribute to the Okuda Papers

Okuda Lecture

Francisco Jimenez, MD, FISHRS

The ISHRS Board of Governors is pleased to honor and recognize the contributions of Shoji Okuda, MD (1886-1962) – in recognition of remarkable pioneering research in the field of hair transplantation. In 1939, this Japanese doctor published a series of five papers using a very similar technique to that described later by Dr. Orentreich. The papers were published in old kanji in the Japanese Journal Dermatology & Urology (in 2003 transcribed to English by Yoshihiro Imagawa, MD), and titled, "*Clinical and Experimental Studies on the Transplantation of Living Hair*." Building on earlier work by Sasakawa and others, he described hair transplantation for cicatricial alopecia,

as well as pubic hair, eyebrow, and mustache reconstruction using specially designed punches. This was described in his first paper, and he added histological and experimental studies in human and various animal species in a following publication.



Dr. Francisco Jimenez will provide a "Tribute to the Okuda Papers" lecture during the Opening Session.

Guest Lecturer

**Ranjit Bhogal, PhD**

Senior Researcher,
Strategic Science Group,
Unilever R&D, Bedfordshire, UK

Dr. Bhogal is a cell and molecular biologist by training and successfully completed a Glaxo SmithKline BBSRC PhD in neuroscience in 2001 from King's College in London.

There she studied the genes involved in circadian rhythms using some of the early methods such as differential display for measuring gene expression differences in tissues followed by radio-labelled methods for determining the sequences. Having identified some novel genes with a potential role in the sleep-wake cycle she applied microarray techniques to confirm the differences in gene expression. Prior to starting her PhD she worked at the Imperial Cancer Research Fund and was a research assistant at Oxford University

After receiving her doctoral degree, Dr. Bhogal started working as a skin & hair toxicologist in Unilever's prestigious toxicology group, Safety and Environmental Assurance Centre. She worked on a range of personal care ingredients determining their safe use for consumers. The role of the group was to consider safety on a much broader perspective including the effect ingredients may have on the environment.

Dr. Bhogal then moved to Unilever's research (Discover) group where her focus of attention was on the underlying biology and biochemistry of skin and hair follicle under conditions of chronic inflammation, oxidative stress and other mechanisms of ageing. She was involved in developing various in vivo and ex vivo skin cell assays and models and growing hair follicles in culture for generating new insights and understanding. Of course working in the personal care area for industry involves identifying new actives, generating intellectual property and she has been named inventor on granted and filed patents. But most of all she is passionate about scientific research for creating products with functional ingredients, ideally natural, with real benefits for consumers.

Dr. Bhogal will speak on, "Natural Ingredients for Activating Biological Targets in the Hair Follicle."

Guest Lecturer

**Mohit Khera, MD, MBA, MPH**

Associate Professor,
Baylor College of Medicine,
Scott Department of Urology,
Baylor College of Medicine,
Houston, Texas, USA

Mohit Khera, MD, MBA, MPH, earned his undergraduate degree at Vanderbilt University.

He subsequently earned his Masters Degree in Business Administration and his Masters Degree in Public Health from Boston University. He received his Medical Degree from The University of Texas Medical School at San Antonio and completed his Residency training in the Scott Department of Urology at Baylor College of Medicine. After finishing a six-year residency in Urology, he completed a one-year fellowship in Male Reproductive Medicine and Surgery with Dr. Larry I. Lipshultz.

Currently an Associate Professor in the Scott Department of Urology at Baylor College of Medicine, he specializes in Male Infertility and Male and Female Sexual Dysfunction. He was recently appointed as the Medical Director for Baylor College of Medicine's Executive Health Program.

In 2006 he was awarded the American Urological Association and Pfizer Scholars Grant to study erectile dysfunction; in 2007 he was awarded an Auxilium Pharmaceutical Grant to study testosterone replacement therapy for prostate cancer patients, and in 2008 he was awarded an Allergan grant to study the effects of botulinum toxin in treating Peyronie's disease. These studies continue, and in 2012 Dr. Khera was awarded one of two national grants to study sexual dysfunction in men taking finasteride. Also in 2012 he patented a new delivery system for testosterone and currently his laboratory is studying stem cells to treat sexual dysfunction.

Dr. Khera currently serves as an active member in the Sexual Medicine Society of North America and the American Society of Andrology. In 2014 he became Associate Editor of the Journal of Sexual Medicine. He currently serves on the American Urologic Association (AUA) Examination Committee and Sexual Dysfunction Guidelines Committee. He teaches courses on low testosterone and sexual dysfunction for the AUA locally and internationally.

Dr. Khera will speak on, "Update on Post Finasteride Syndrome."

402-BASICS COURSE

DATE **Wednesday | September 9, 2015**

TIME **8:00AM-6:00PM**

FEE **\$895**

LEVEL **Beginner**

Basics Course Chair: Nicole E. Rogers, MD

Basics Course Co-Chair: Aman Dua, MBBS, MD

Faculty: Marc R. Avram, MD, FISHRS,
Edward A.M. Ball, MBBS, DPD, MRCS,
Marco N. Barusco, MD,
Timothy P. Carman, MD, FISHRS,
Mark S. DiStefano, MD, FISHRS,
Jeff Donovan, MD, PhD,
Robert T. Leonard, DO, FISHRS,
Mario Marzola, MBBS,
Ricardo Mejia, MD,
Mohammed Humayun Mohmand, MD, FISHRS,
Nina Otberg, MD,
Allan Parungao, MD,
Marcelo Pitchon, MD,
Edwin Suddleson, MD, FISHRS,
Robin Unger, MD



Nicole E. Rogers, MD



Aman Dua, MBBS, MD

The 2015 Basics Course will provide valuable didactics as well as hands-on training for the process of hair transplantation. The course is open to both newcomers as well as those who are already seasoned in hair surgery but seeking a refresher course. This year's course faculty will be better than ever, with an international faculty of all difference specialties, backgrounds, and interests.

Course participants will see and hear an overview of best practices as related to hairline design, candidate selection, donor harvesting, and graft preparation and graft placement. They will then implement the knowledge gained in morning sessions to create natural appearing hairlines, to harvest donor sites, creating follicular unit grafts, and to practice placing grafts back into recipient sites. Most importantly, the course will provide direct interaction with excellent, unbiased faculty, who will help direct you on the day of the course and may even become friends and mentors for years to come.

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 and human cadaver tissue. Universal Precautions must be observed. Scrubs are not required. Necessary disposable coverings will be provided, including standard disposable latex gloves. If you have an allergy to latex or glove powder, then bring several sets of your own gloves.

LEARNING OBJECTIVES

Upon completion of this course you will be able to:

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



OUTLINE

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

8:30AM-8:35AM **Introduction**

Nicole E. Rogers, MD

8:35AM-8:50AM **History of Hair Restoration Surgery**

Edward A.M. Ball, MBBS, DPD, MRCS

8:50AM-9:05AM **Scalp Anatomy and Histology**

Mario Marzola, MBBS

9:05AM-9:15AM **Q&A**

9:15AM-9:30AM **AGA and Non-AGA**

Jeffrey C. Donovan, MD, PhD

9:30AM-9:45AM **Consultation and Candidate Selection**

Marc R. Avram, MD, FISHRS

9:45AM-10:00AM **Medical Treatment of Hair Loss**

Nicole E. Rogers, MD

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

10:15AM-10:30AM **Anesthesia & Sedation**

Ricardo Mejia, MD

10:30AM-10:40AM **Strip Overview**

Robin Unger, MD

10:40AM-10:50AM **Donor Closure**

Edwin Suddleson, MD, FISHRS

10:50AM-11:00AM **FUE Overview**

Robert T. Leonard, DO, FISHRS

11:00AM-11:15AM **FUE "How I Do It"**

Aman Dua, MBBS, MD

11:15AM-11:30AM **Q&A**

11:30AM-11:45AM **Graft Preparation and Storage**

Marco N. Barusco, MD

11:45AM-12:00PM **Getting Started: Staff Training, Photos, & Marketing**

Nina Otberg, MD

12:00PM-1:00PM **Lunch with faculty**



The ISHRS gratefully acknowledges **A to Z SURGICAL, ELLIS INSTRUMENTS, HSC DEVELOPMENT, ROBBINS INSTRUMENTS** and the **FACULTY** for their generosity in loaning instruments and equipment for this course and Allan Parungao, MD and the Bosley Chicago staff for serving as this year's Local Liaison. THANK YOU!

1:00PM-5:30PM Hands-On Work Stations

STATION 1
Hairline & Crown Design**Faculty:**

Marc R. Avram, MD and
Nina Otberg, MD

Participants will learn the elements of a natural hairline for both men and women and be able to counsel patients regarding what will look most natural as the patient ages or possibly loses more hair. They will also learn the basics of recreating crown whorls while prioritizing the areas of the scalp that are most important to transplant and the areas that should be avoided.



Marc R. Avram, MD



Nina Otberg, MD

STATION 4
Graft Preparation**Faculty:**

Marco N. Barusco, MD and
Edwin Suddleson, MD, FISHRS

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



Marco N. Barusco, MD



Edwin Suddleson, MD

STATION 2
Strip Harvesting**Faculty:**

Robin Unger, MD and
Mohammed Humayun Mohmand, MD, FISHRS

Understanding what comprises a safe donor area is one of the fundamental skills a hair transplant surgeon needs to learn. Faculty at this station will work closely with each participant to develop and practice this skill on a cadaver tissue. Students will also learn to plan and harvest a reasonable donor strip and estimate numbers of grafts, in addition to utilizing techniques to minimize scarring and potential complications.



Robin Unger, MD



M. H. Mohmand, MD

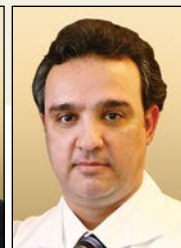
STATION 5
Recipient Sites**Faculty:**

Mario Marzola, MBBS and
Marcelo Pitchon, MD

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



Mario Mazola, MBBS



Marcelo Pitchon, MD

STATION 3
Introduction to FUE
*(Sharp vs. Blunt, Automated vs. Manual)***Faculty:**

Aman Dua, MBBS, MD and
Edward A.M. Ball, BMBS, DPD, MRCS

Basic concepts of Follicular Unit Extraction including patient selection and the different FUE devices available will be reviewed. By the end of their time in this station, students will be able to identify the ideal candidates for FUE and manage common FUE challenges.



Aman Dua, MD, MBBS



Edward A.M. Ball, BMBS, DPD

STATION 6
Graft Placement**Faculty:**

Ricardo Mejia, MD and
Jeffrey C. Donovan, MD, PhD

Faculty at this station will help participants identify and practice the ideal techniques for graft placement including optimizing ergonomics, proper storage and handling of grafts. Students will be able to try the various methods of graft placement (forceps, implanters, etc.) and learn to manage common graft placement challenges and diagnose errors in graft placement.



Ricardo Mejia, MD



Jeffrey C. Donovan, MD, PhD

5:30PM-6:00PM Wrap-up and Q&A with Faculty

407-ADVANCED/BOARD REVIEW COURSE

DATE **Wednesday | September 9, 2015**

TIME **1:00PM-6:00PM**

FEE **\$495**

LEVEL **Intermediate and Advanced**

Advanced/Board Review Course Chair:

Sara M. Wasserbauer, MD, FISHRS

Advanced/Board Review Co-Chair:

Ratchathorn Panchaprateep, MD



Sara M. Wasserbauer, MD



Ratchathorn Panchaprateep, MD

Thinking of taking the ABHRS Board exam? Do you want to refresh your knowledge of what is "advanced hair transplantation?" With an interactive format that combines audience response with in-depth lectures from the world's top surgeons, all attendees will leave knowing their areas of strength and where they specifically need to focus their learning efforts. This course is unlike any other at the entire conference. It will be a fast-paced and enjoyable afternoon that **truly teaches** instead of simply reviews. If you are planning on taking the ABHRS Board Exam (first time or recertification) OR you just want to identify your individual areas to target continued medical education, this is the course for you. Space in this course is limited as is the opportunity to interact with such outstanding faculty in such an intimate setting—so sign up now.

Course tuition includes online access to the ISHRS Basics Lecture Series enduring material that includes 16 pre-recorded comprehensive lectures covering medical and surgical hair restoration. The material extensively reviews the vital information necessary to pass the ABHRS exam. The URL and passcode will be e-mailed to you prior to the meeting.

LEARNING OBJECTIVES

Upon completion of this course you will be able to:

- List the key areas for which questions on the ABHRS Board Exam are written (i.e. "core content").
- Understand the percentage of questions each of the written areas of the ABHRS Board will target.
- Conduct a self-review of key concepts covered in both sections of the ABHRS exam, including:
 - donor and recipient areas
 - graft preparation and placement
 - hair loss diagnosis and pathology
 - major procedures
 - emergency management
 - anatomy and physiology
 - medical treatments for hair loss
 - anesthesia
 - ethics
- Identify the appropriate resources to fill any gaps in your knowledge base.
- Develop your own structure for taking the oral section of the ABHRS Exam.
- Test yourself using mock written AND oral board exam questions.



COURSE OUTLINE

1:00PM-1:10PM	Introduction Sara M. Wasserbauer, MD, FISHRS
1:10PM-1:30PM	Test Taking Strategies Robert J. Reese, DO, FISHRS
1:30PM-2:12PM	General Principles Jennifer H. Martinick, MBBS
2:12PM-2:22PM	Oral Board Case #1 Robert J. Reese, DO, FISHRS
2:22PM-2:35PM	Donor Area Robert J. Reese, DO, FISHRS
2:35PM-2:48PM	Recipient Area Ronald L. Shapiro, MD, FISHRS
2:48PM-3:01PM	Grafts Ronald L. Shapiro, MD, FISHRS
3:01PM-3:11PM	Oral Board Case #2 Ronald L. Shapiro, MD, FISHRS
3:11PM-3:26PM	Break
3:26PM-3:33PM	Anesthesia Daniel G. McGrath, DO
3:33PM-3:54PM	Basic Life Support Daniel G. McGrath, DO
3:54PM-4:04PM	Oral Board Case #3 Daniel G. McGrath, DO
4:04PM-4:25PM	Major Procedures Damkerng Pathomvanich, MD, FISHRS
4:25PM-4:32PM	Medical Treatments Damkerng Pathomvanich, MD, FISHRS
4:32PM-4:42PM	Oral Board Case #4 Damkerng Pathomvanich, MD, FISHRS
4:42PM-5:03PM	Anatomy and Physiology Timothy P. Carman, MD, FISHRS
5:03PM-5:24PM	Diagnosis and Pathology Timothy P. Carman, MD, FISHRS
5:24PM-5:34PM	Oral Board Case #5 Timothy P. Carman, MD, FISHRS
5:34PM-5:41PM	Ethics Jennifer H. Martinick, MBBS
5:41PM-5:51PM	Oral Board Case #6 Jennifer H. Martinick, MBBS
5:51PM-6:00PM	Review of Resources and Closing Remarks Sara M. Wasserbauer, MD, FISHRS



FUE & SMP MINI COURSES

9:00AM-12:00PM **403: FUE Mini Course: Manual, Non-Powered FUE Techniques and Instrumentation**

9:00AM-12:00PM **404: FUE Mini Course: Powered Sharp Punch Systems for FUE**

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

9:00AM-12:00PM **406: SMP Mini Course**

2:00PM-5:00PM **408: FUE Mini Course: Manual, Non-Powered FUE Techniques and Instrumentation**

2:00PM-5:00PM **409: FUE Mini Course: Powered Sharp Punch Systems for FUE**

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

2:00PM-5:00PM **411: SMP Mini Course**



FUE Mini Courses SEE NEXT PAGE FOR OPTIONS ►

DATE **Wednesday | September 9, 2015**

TIME **Morning Session 9:00AM-12:00PM**

Afternoon Session 2:00PM-5:00PM

Separate registration required for each course.

FEE **\$395 per course**

LEVEL **Beginner-Intermediate**

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

PRECAUTION NOTE: This workshop will utilize sharps. Scrubs are not required.

SMP Mini Courses

DATE **Wednesday | September 9, 2015**

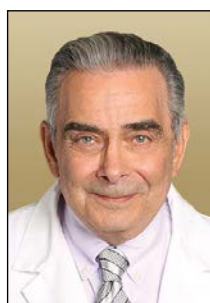
TIME **Morning Session 9:00AM-12:00PM (406)**

Afternoon Session 2:00PM-5:00PM (411)

Separate registration required for each course.

FEE **\$395 per course**

LEVEL **Beginner-Intermediate**



William R. Rassman, MD

Director: William R. Rassman, MD

Faculty: Jae P. Pak, MD and Jino Kim, MD

Through video, lecture, hands-on modelling and discussion, this workshop will review the technique of scalp micro-pigmentation. The technique involves placing a special pigment into the skin of the scalp to mimic 'hair follicle' almost to the size of a closely cropped head of hair. Think 5 o'clock shadow or stubble.

We have been using this technique as an alternative style for making a balding person look full headed with the placement of pigment into the scalp and to camouflage the scars from a strip procedure or anywhere on the scalp. Almost any size scar can be treated with this technique.

LEARNING OBJECTIVES

Upon completion of this course you will be able to:

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

The ISHRS gratefully acknowledges **COLE INSTRUMENTS, ELLIS INSTRUMENTS, ERTIP MEDICAL, FINISHING TOUCHES, HSC DEVELOPMENT, ROBBINS INSTRUMENTS** and the **FACULTY** for their generosity in loaning instruments and equipment for this course. **THANK YOU!**

FUE MINI COURSE OPTIONS

403 & 408 Manual, Non-Powered FUE Techniques and Instrumentation



Ken L. Williams, DO

Director: Ken L. Williams, DO

Faculty: Parsa Mohebi, MD, FISHRs and Georgios Zontos, MD

The manual Follicular Unit Extraction (FUE) workshop is the first step for the novice or advanced hair restoration surgeon to acquire basic harvesting skill sets. The workshop will provide a basic introduction and understanding of using sharp manual FUE punch, patient

selection, donor harvesting management, and graft storage.

LEARNING OBJECTIVES

Upon completion of the course you will be able to:

- Develop basic harvesting skill sets with manual instruments.
- Identify indications for FUE, including appropriate patient selection.
- Recognize differences of donor harvesting techniques- strip excision versus FUE.
- Describe basic follicle anatomy and proper use of manual FUE.
- Explain advantages and disadvantages of FUE and strip excision harvesting techniques.
- List challenges and variables of FUE donor harvesting.
- Describe the various techniques and instruments that can be used for FUE harvesting, including their advantages and disadvantages.
- Manage FUE donor harvesting including ergonomics.

COURSE OUTLINE

15' Williams	Fundamentals, History, and Introduction to Hair Restoration Surgery & FUE
15' Mohebi	Basic Skin and Scalp Anatomy & Physiology
15' Zontos	Anesthesia & Sedation
15' Zontos	Patient Selection, Advantages and Disadvantages to FUE
15' Mohebi	Instrumentation
15' Williams	Graft Storage, PRP, Stem Cells
15' Williams	Donor Harvesting Management
15' Mohebi	How to Start a FUE Practice & How I Do It
15' Zontos	How I Do It?
45'	Hands On Lab



404 & 409 Powered Sharp Punch Systems for FUE



Piero Tesauro, MD

Director: Piero Tesauro, MD

Faculty: Arika Bansal, MD, Conradin Von Albertini, MD and Bradley R. Wolf, MD, FISHRs

This course will provide a complete knowledge of the available instruments and methods that can be used for FUE procedures, in particular it will illustrate in detail the FUE Motorized Sharp System.

The faculty members will describe the evolution of FUE technique, illustrate the reasons that induced them to select this tool and explain how you can use it in a lecture format.

Tips and traps of this technique will be discussed going through the phases of the operation with particular attention to the technical details and global organization of the surgical theatre. In this way, we will focus on describing all information that has to be exchanged during the FUE procedure, considering the role of each member of the staff.

Moreover, it will underline the "key points" to optimize the FUE technique and to expand patient candidacy.

The course will include discussion on complications and risks of this technique.

LEARNING OBJECTIVES

Upon completion of this course you will be able to:

- Define an ideal candidate for the FUE technique.
- Understand the advantages of the motorized sharp system.
- Define a learning curve and reduce the risks of the first experiences.
- Learn the technical details of the instrument and optimize use in different surgical situations.
- Lead your own staff to obtain during the procedure the right support and useful information to improve the quality of your work.
- Understand risks and complications.





405 & 410 Powered Blunt Punch System for FUE



Scott A. Boden, MD

Director: Scott A. Boden, MD, FISHS

Faculty: Kapil Dua, MBBS, MS and William Yates, MD

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

LEARNING OBJECTIVES

Upon completion of this course you will be able to:

- Describe the various techniques and instruments that can be used for FUE harvesting, including their advantages and disadvantages.
- Learn how to initiate and include FUE into your hair transplantation practice.
- Understand how to plan appropriate FUE harvesting within the safe donor area.
- Demonstrate the techniques of blunt punch dissection.
- Learn about the applicability of the Hex-punch with the SAFE system, and identify special situations in which blunt punch dissection can be used.

COURSE OUTLINE

10'	Boden	Introduction and Orientation
20'	Boden	Starting FUE in Your Practice, Safe Donor Area Planning, Techniques of Blunt Punch Dissection
20'	Yates	Special Situations in FUE, Curly Hair FUE, Avoiding Damaging Grafts, "How I Do It"
20'	Dua	Combining Blunt Punch FUE with Other Techniques How to Optimize Results, "How I Do It"
10'	Boden	The Hex Punch; the "Modified Dull Punch" Technique
10'		Coffee Break and Open Questions with the Faculty
90'		Hands-On Learning Lab Using the SAFE System



COURSE OUTLINE

FUE OVERVIEW

5'	Tesaro	FUE Overview – Cornerstone of the Evolution of the FUE Technique – My Learning Curve (<i>method of FUE operation</i>)
5'	von Albertini	My Evolution with FUE from the Beginning to Now: The Instruments I Tried, Personal Experience and Technical Improvement

SELECTION OF THE PATIENT

5'	Bansal	FUE for All My Patients (<i>Why I quit with the strip technique</i>)
5'	Wolf	FUE for Selected Patients (<i>Why I combine both techniques</i>)
5'		Q&A

INSTRUMENTATION FOR FUE HARVESTING

5'	Tesaro	Motorized FUE Technology in Comparison with Manual Technique
5'	Bansal	Parts of the Motorized Sharp Punch System, Its Advantages and Its Weaknesses

"HOW TO USE IT SAFELY".

5'		Q&A
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PRE-OP ASSESSMENT

5'	Wolf	Analysis of the Donor Supply of Scalp – How Many Grafts Can I Take?
5'	Bansal	Measurement of the Donor Area and Harvesting Plan - How I Draw the Donor Area
5'		Q&A

SURGICAL STEP

10'	Wolf	Patient and Surgeon Position. My Favourite Harvesting Sequence. Timing and Method for Anesthesia and Tumescence
10'	Bansal	Transaction Rate During the Extraction/ Acceptable or Not Acceptable – What I Check and What I Do
5'	von Albertini	How Can I Optimize FUE to Expand the Patient Candidacy - Speeding up the Routine FUE Day by Using the Motorized Sharp System (<i>Video</i>)
5'	Tesaro	Theater Organization and Useful Information to Exchange with Members of Your Staff to Increase the Quality of Your Work
5'		Q&A

RESULTS

5'	Wolf	FUE vs FUT: Direct Comparison of Post Op and Results
5'	von Albertini	Complications and Risks with FUE
5'		Q&A

HANDS-ON PRACTICE

60'		Practice on Models
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401-SURGICAL ASSISTANTS PROGRAM

DATE **Wednesday | September 9, 2015**

TIME **7:30AM-12:00PM**

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

Surgical Assistants Chair: Janna Shafer

Surgical Assistants Co-Chair:

John D.N. Gillespie, MD, FISHRS

The Surgical Assistants Program will consist of lecture-style educational presentations. The program covers the assistant's role in all aspects of HT surgeries from FUE to strip surgeries from beginning to end (before-during-after HT surgeries). We'll see how assistants from experienced clinics handle patients when they initially call for consultations to a year after surgery. Presentations will be given on team building, handling emergencies and how to answer patients' questions. This program is for novice assistants who will learn how to assist properly in strip & FUE surgeries as well as get tips on how to sliver and cut fine grafts. The most experienced assistants can pick up pearls on how to train new assistants efficiently and maximize yield for their patients by instituting quality control techniques. After each section of presentations, the attendees will get the opportunity to ask questions directly to the presenters in a one-on-one setting.

LEARNING OBJECTIVES

Upon completion of the course you will be able to:

- Take pictures of patients' before and after surgery.
- Understand what information is given to patients before they sit in the surgery chair.
- Identify safe practical local anesthetic and tips on minimizing pain.
- Understand when and why medical therapy may be recommended.
- Implement efficient surgery flow.
- Implement efficient office/clinic.
- Be most effective in assisting in strip surgeries.
- Be most effective in FUE surgeries.
- Sliver and cut.
- Keep your assistants with team building and retention.
- Plant with implantation pens and with traditional forceps.
- Apply effective training techniques to your practice.
- Handle emergencies.
- Achieve the best yield for patients with quality control protocol.
- Understand the differences and benefits of various holding solutions used today.



Janna Shafer



John D.N. Gillespie, MD

PROGRAM OUTLINE

7:30AM-7:45am **Welcome and Introductions (Typical Surgery Day at Shapiro Medical)**
Janna Shafer – assistant to Ronald L. Shapiro, MD, FISHRS

Before

7:45AM-8:00AM **Team Building/Staff Retention**
Sara Roberts, RN – assistant to Bessam K. Farjo, MBChB, FISHRS and Nilofer P. Farjo, MBChB, FISHRS

8:00AM-8:10AM **Office Management/Practice Efficiency**
Adriane McDonald – assistant to Neal R. Gorrin, MD

8:10AM-8:20AM **Surgery Flow/Efficiency**
Salome Vadachkoria – assistant to Vazha Vadachkoria, MD

8:20AM-8:35AM **Consultation/Patient Education – Managing Expectations**
Emina K.Vance – assistant to Samuel M. Lam, MD, FISHRS

8:35AM-8:45AM **Efficient Training Techniques**
Emina K.Vance – assistant to Samuel M. Lam, MD, FISHRS

8:45AM-9:00AM **Handling Emergencies**
Aileen R. Ullrich, CMA – assistant to Steven P. Gabel, MD, FISHRS

9:00AM-9:12AM **Legal Implications and Limitations of Assistant Delegation**
Peter A. Gaido, JD, Gaido & Fintzen Attorneys at Law, Chicago, Illinois, USA

9:12AM-9:25AM **Break/Q & A –with Panel**
Panel: Adriane McDonald, Sara Roberts, RN, Aileen R. Ullrich, CMA, Salome Vadachkoria, Emina K.Vance

During

9:25AM-9:35AM **Practical Application of Local Anesthetic with Minimal Pain**
David S. Josephitis, DO, FISHRS

9:35AM-9:45AM **Assistant's Role for FUE + Tutorial -Implantation Pens**
Heather Stretch – assistant to Nilofer P. Farjo, MBChB

9:45AM-9:55AM **Assistant's Role – Artas**
Tina M. Lardner – assistant to James A. Harris, MD, FISHRS

9:55AM-10:10AM **Assistant's Role – Strip (Slivering & Cutting Grafts)**
Holly Grodzick – assistant to Robert S. Haber, MD, FISHRS

10:10AM-10:25AM **Quality Control Protocol**
Sara Roberts, RN – assistant to Nilofer P. Farjo, MBChB, FISHRS

10:25AM-10:35AM **Efficient Graft Planting – Traditional & New**
Tina M. Lardner – assistant to James A. Harris, MD, FISHRS

10:35AM-10:45AM **Break/Q & A**
Panel: Holly Grodzick, David S. Josephitis, DO, FISHRS, Tina M. Lardner, Sara Roberts, RN and Heather Stretch

After

10:45AM-10:55AM **Benefits and Protocols for Various Holding Solutions**
Brandi J. Burgess – assistant to Jerry E. Cooley, MD

10:55AM-11:05AM **Strip & FUE Surgery Perspective**
Ronald L. Shapiro, MD, FISHRS

11:05AM-11:15AM **Post-Op Care Protocol – How We Do It**
Felipe Reynoso – assistant to Alan J. Bauman, MD, FISHRS

11:15AM-11:25AM **Post-Op Care Protocol – How We Do It**
Salome Vadachkoria – assistant to Vazha Vadachkoria, MD

11:30AM-11:40AM **Propecia, Rogaine & Other Hair Loss Treatments**
Sara Lea Salas, MD

11:40AM-11:50AM **Photography – Before & After Surgery**
Amanda Ackerson – assistant to Steven P. Gabel, MD, FISHRS

11:50AM-12:00PM **Closing Remarks & Q & A**
Panel: Amanda Ackerson, Brandi J. Burgess, Felipe Reynoso, Sara Lea Salas, MD, Janna Shafer, Ronald L. Shapiro, MD, FISHRS, Salome Vadachkoria





101-SURGICAL ASSISTANTS CUTTING/PLACING WORKSHOP

DATE **Thursday | September 10, 2015**

TIME **9:00AM-12:00PM**

FEE **\$245**



Sara Roberts, RN

Surgical Assistants Vice Chair: Sara Roberts, RN

Faculty:

SLIVERING STATION

MaryAnn Parsley, RN (*Station Leader*),
Lauren Gorham, RN, Anne Knudsen, RN

DISSECTING STATION

Emina K. Vance (*Station Leader*), Janet Martin, Aileen R. Ullrich, CMA,
Salome Vadachkoria

PLACING STATION

Brandi Burgess (*Station leader*), Tina Lardner, Janna Shafer, Song Yang

CONTINUED LEARNING STATION Felipe Reynoso (*Station Leader*),
Heather Stretch

Within any practice the assistant's skill level and ability has an impact on the patient's experience. The role of Surgery Technician is a constantly evolving one and continued learning and practice is vital to maintain standards. The assistant's proficiency in dissection and implantation has a direct effect on patient's results. The aim of the surgical assistants workshop is to promote this learning process within a hands-on setting and thus facilitating the necessary training required to enhance skills in graft preparation.

The workshop will consist of a number of stations that all attendees alternate through. Each station will be designed to give a clear understanding of the relevant skill that is being taught, this will include all aspects of graft preparation and placement. Experienced assistants will be on hand at all the stations to provide knowledgeable support while attendees observe and practice each skill on a variety of different microscopes and equipment.

For placing and implanting, attendees will get the opportunity to develop their skills using a variety of different training methods. These techniques will easily be transferable, enabling delegates to continue to practice away from the workshop. This will be further enhanced at the continued learning station where the faculty will give guidance and advice on how to maintain this skill level in your own working environment.

Finally there will be a structured question and answer section where you can learn some valuable tips from the highly skilled faculty.

LEARNING OBJECTIVES

Upon completion of the course you will be able to:

- Understand the structure of the hair follicle.
- Understand the concepts and terminology around graft cutting and graft placement and to perform these with a greater level of skill.
- Identify the correct tools to use within graft preparation and insertion, and to gain understanding of their operation.
- Understand the concepts of infection control and the importance of continued learning to maintain high standards of patient care.
- Understand the differences between assistant's roles in FUT and FUE procedures.

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

The ISHRS gratefully acknowledges **A to Z SURGICAL, ELLIS INSTRUMENTS** and the **FACULTY** for their generosity in loaning instruments and equipment for this course, and Allan Parungao, MD and the Bosley Chicago staff for serving as this year's Local Liaison.

WORKSHOPS

DATE Friday | September 11, 2015

TIME 7:00AM-8:30AM, and 12:30PM-2:00PM

FEE \$95 per workshop



Samuel M. Lam, MD

Workshops Chair:
Samuel M. Lam, MD, FISHRS

We have worked hard this year to create an exciting and practical workshop curriculum that includes

tailored hands-on FUE courses and an extensive range of targeted workshops. I would like to thank my diligent course directors and the program chair for working with me to deliver excellent didactic sessions that I believe will cater to every attendee looking to improve one's knowledge and skills in a meaningful way. I encourage you to sign up for as many courses as you can, as a small learning gain can translate into years of improved outcomes and profitable return for your practice.

Registration is required and will be confirmed on a first-come, first-served basis. As a member-benefit, only ISHRS members and member applicants may advance register for these workshops. Registration is open to non-members beginning August 1, 2015. The listed faculty are preliminary as of the date of the release of this program. Directors and faculty are subject to change without prior notification to registrants and will not be considered a reason for refund request.

WORKSHOP 201 Current, Comprehensive Medical Management for Male and Female Pattern Hair Loss

DATE Friday | September 11, 2015

TIME 7:00AM-8:30AM

LEVEL All Levels

FEE \$95 per workshop



Francisco Jimenez, MD

Director: Francisco Jimenez, MD, FISHRS

Faculty: Jeff Donovan, MD, PhD,
Aditya Gupta, MD, PhD, FISHRS,
Nicole E. Rogers, MD,
Ken Washenik, MD, PhD, FISHRS

In this workshop we will provide an updated summary on the current evidence-based medical therapy for female and male pattern hair loss including the correct use of well-known medical drugs such as oral antiandrogens, finasteride, dutasteride and topical minoxidil. The controversial role of plasma rich platelet in pattern hair loss will also be discussed. We will critically analyze the published data about the effectiveness of laser therapy (LLLT) in female and male pattern hair loss. Finally, we will briefly outline some of the medications, including prostaglandin analogs, presently under clinical investigation as well as new emerging therapies.

LEARNING OBJECTIVES

Upon completion of the course you will be able to:

- Describe how to correctly use the oral and topical medications that are currently approved and used for treating female and male pattern hair loss.
- Have an objective understanding of other more controversial forms of therapies for AGA such as LLLT and PRP.
- Describe ongoing studies involving pharmacological agents being tested for treatment of AGA.

WORKSHOP OUTLINE

7:00AM-7:05AM	Welcome & Introductions Francisco Jimenez, MD, FISHRS
7:05AM-7:25AM	How I Treat My Patients with Female Pattern Hair Loss Nicole E. Rogers, MD
7:25AM-7:45AM	Update and Review on Evidence-Based Therapies for Male Pattern Hair Loss Jeff Donovan, MD, PhD
7:45AM-8:00AM	A Critical Analysis of the Use of LLLT (Low Level Laser Therapy) in Male and Female Pattern Hair Loss Aditya Gupta, MD, PhD, FISHRS
8:00AM-8:15AM	Future Promising Therapies for Treating and/or Preventing Male and Female Pattern Hair Loss Ken Washenik, MD, PhD, FISHRS
8:15AM-8:30AM	Q&A



WORKSHOP 202**Bioenhancements for Hair Restoration**DATE **Friday | September 11, 2015**TIME **7:00AM-8:30AM**LEVEL **Intermediate-Advanced**FEE **\$95 per workshop****Director:** Jerry E. Cooley, MD**Faculty:** Robert Dorin, DO,
William M. Parsley, MD,
Paul T. Rose, MD, JD, FISHRs

Jerry E. Cooley, MD

More hair restoration surgeons are using "bioenhancements" (special graft holding solutions, extracellular matrix, hyaluronidase, and liposomal ATP) in their practices. This workshop will provide attendees the chance to interact with experts and learn more about these potentially useful agents. Emphasis will be placed on the scientific background for each of these as well as practical descriptions of exactly how they are being used.

LEARNING OBJECTIVES

Upon completion of the course you will be able to:

- Describe the results of studies with bioadjuncts and biotherapies on hair growth.
- Discuss the potential benefits of bio-enhancements in hair restoration surgery (HRS).
- Describe the specific uses of each agent in HRS.
- Outline the step by step preparation and administration of each agent.
- Explain to a patient the risk benefit of bio-enhancing agents in HRS.

WORKSHOP OUTLINE7:00AM-7:45AM **Bioenhancements in Hair Restoration**
Jerry E. Cooley, MD7:45AM-8:30AM **Panel Discussion and Q&A****WORKSHOP 203****Hairline Design & Recipient Area Planning**DATE **Friday | September 11, 2015**TIME **7:00AM-8:30AM**LEVEL **All Levels**FEE **\$95 per workshop****Director:** Arthur Tykocinski, MD, FISHRs**Faculty:** Ronald L. Shapiro, MD, FISHRs,
Robin Unger, MD

Arthur Tykocinski, MD

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

LEARNING OBJECTIVES

Upon completion of the course you will be able to:

- Recognize different hair loss patterns and propose a restoration plan that will include future hair loss.
- Recognize surgical limitations in marginal candidates and develop appropriate treatment plans for these patients.

WORKSHOP OUTLINE7:00AM-7:05AM **Welcome & Introductions**
Arthur Tykocinski, MD, FISHRs7:05AM-7:20AM **Natural Hairline (High Def. Video)**
Facial proportions and rejuvenation; macro and micro irregularities; changes in directions and angle; final touches; approach for a second procedure.
Ronald L. Shapiro, MD, FISHRs7:20AM-7:35AM **Temporal Restoration (High Def. Video)**
Should we restore the temporal areas and when?; design planning, density approach and technique; angles and direction; planning for the future and touch up.
Arthur Tykocinski, MD, FISHRs7:35AM-7:50AM **Optimizing Hair Density and Planning for Long Term Results (High Def. Video)**
Making less look more; restoring a natural pattern; donor bank is limited, so be prepared; Should we restore the temporal area or vertex? Creating a density gradient for an optimal result.
Robin Unger, MD7:50AM-8:30AM **Discussion and Q&A**

WORKSHOP 204**Beard Reconstruction and Harvesting**DATE **Friday | September 11, 2015**TIME **7:00AM-8:30AM**LEVEL **Advanced**FEE **\$95 per workshop**

Robert H. True, MD

Director: Robert H. True, MD, MPH, FISHRS**Faculty:** Kapil Dua, MBBS, MS,
Parsa Mohebi, MD, FISHRS, Arvind Poswal, MBBS

This workshop will focus on facial hair reconstruction and include both reconstructive and cosmetic cases. As eyebrow reconstruction will be discussed in another workshop, it will not be covered in this workshop. Clinical approaches using both FUE and strip harvesting will be presented. The faculty will present all aspects of surgery including indications, treatment planning, anesthesia, donor harvesting, recipient area design, graft placement, postoperative care, and complications.

LEARNING OBJECTIVES

Upon completion of the course you will be able to:

- Be familiar with design considerations for facial hair reconstruction and be able to demonstrate proper design.
- Know the key elements of treatment planning and execution for facial hair reconstruction.
- Be able to describe the causes and prevention of complications in facial hair reconstruction and harvesting.
- Have an understanding of the procedural techniques specific to harvesting of facial hair.

WORKSHOP OUTLINE

7:00AM-7:05AM	Welcome & Introductions Robert H. True, MD, MPH, FISHRS
7:05AM-7:20AM	General Approach to Beard/Moustache Reconstruction Kapil Dua, MBBS, MS
7:20AM-7:35AM	Clinical Applications in Beard/Moustache Transplantation Arvind Poswal, MBBS
7:35AM-7:50AM	Facial Hair Harvesting for Scalp Transplantation Parsa Mohebi, MD, FISHRS
7:50AM-7:58AM	FUT vs FUE Harvesting for Facial Hair Transplantation Panel Discussion
7:58AM-8:05AM	Complications Panel Discussion
8:05AM-8:25AM	Hands-on Anatomy and Design
8:25AM-8:30AM	Final Q&A

WORKSHOP 211**Camouflaging and Ancillary Methods for Hair Restoration**DATE **Friday | September 11, 2015**TIME **12:30PM-2:00PM**LEVEL **All Levels**FEE **\$95 per workshop**

Russell G. Knudsen, MBBS

Director: Russell G. Knudsen, MBBS, FISHRS**Faculty:** Marcio Crisóstomo, MD,
Shelly A. Friedman, DO, FISHRS,
Robert J. Reese, DO, FISHRS, Stefano Ospitali

This workshop will cover several interventions that can be used either in conjunction with hair restoration surgery or as an alternative.

We often come across cases where there is insufficient donor hair to perform surgery and these patients may need to be referred for non-surgical hairpieces/systems. These systems may also be used when surgery has been performed to temporarily disguise surgery. The latest hair system technology will be presented and, in addition, one of our presenters will demonstrate his unique way of designing an auto hairpiece for post-surgical patients.

Other non-surgical treatments that will be discussed are low level laser therapy (LLLT) and platelet rich plasma (PRP). The emphasis will be on the scientific background to these biotherapies. These treatments are becoming more and more popular; therefore it is important for physicians to understand the mechanisms behind their mode of action. An updated review of commercially available LLLT devices will be presented along with discussion of optimum treatment duration and patient selection. Attendees will also be given an introduction to the preparation and administration of PRP. Although well controlled studies are not yet available, we do know that PRP contains several growth factors that can potentially stimulate hair follicle growth.

LEARNING OBJECTIVES

Upon completion of the course you will be able to:

- Discuss both temporary and more permanent techniques for camouflage of thinning hair.
- Discuss ancillary non-surgical techniques for hair restoration by follicular stimulation.
- Describe the results of studies with bioadjuncts and biotherapies and their impact on hair growth.

WORKSHOP OUTLINE

12:30PM-12:35PM	Welcome & Introductions Russell G. Knudsen, MBBS, FISHRS
12:35PM-12:47PM	Scalp Hairpieces Stefano Ospitali
12:47PM-12:55PM	Q&A
12:55PM-1:07PM	Does Low Level Laser Therapy (LLLT) Work for Androgenetic Alopecia? Or Is It All "Smoke and Mirrors?" Shelly A. Friedman, DO, FISHRS
1:07PM-1:15PM	Q&A
1:15PM-1:27PM	Platelet Rich Plasma (PRP) in Hair Restoration Surgery: How and Why We Use It Robert J. Reese, DO, FISHRS
1:27PM-1:35PM	Q&A
1:35PM-1:47PM	Auto Hairpieces for Temporary Camouflage of Shaved Donor Areas Márcio Crisóstomo, MD
1:47PM-1:55PM	Q&A
1:55PM-2:00PM	Concluding Remarks Russell G. Knudsen, MBBS, FISHRS



WORKSHOP 212**Building a Better Team**DATE **Friday | September 11, 2015**TIME **12:30PM-2:00PM**LEVEL **Beginner & Intermediate**FEE **\$95 per workshop****Director:** Steven P. Gabel, MD, FISHRS**Faculty:** Timothy P. Carman, MD, FISHRS,
Raymond J. Konior, MD, Laura E. Burdine,
Aileen R. Ullrich, CMA

Steven P. Gabel, MD

A successful hair restoration practice is highly dependent upon the skills and interaction of the physician and staff in producing an optimal experience and desired results for their patients. A cohesive team requires leadership from the physician in guiding the overall practice to achieve these goals. It also requires a team that is skilled in hair restoration surgery and focused on achieving optimal results. This course was designed to discuss the essential components in building and maintaining a successful hair restoration practice.

LEARNING OBJECTIVES

Upon completion of the course you will be able to:

- Discuss transitioning one's medical practice from part-time to full-time hair restoration.
- Discuss the essential elements for building a hair restoration practice.
- Describe leadership essentials and techniques for the physician in coordinating a successful hair restoration practice.
- Learn how to find individuals who possess the skills and attitude for hair restoration surgery.
- Discuss ways to develop and maintain a strong, cohesive team of surgical assistants.
- Define various techniques to train new assistants in the field of hair restoration surgery.
- Discuss strategies to improve the skills/knowledge of all hair restoration assistants.
- Describe several marketing and practice strategies to build and maintain a successful hair restoration practice

WORKSHOP OUTLINE

12:30PM-12:35PM **Introduction: Building a Better Team**
Steven P. Gabel, MD, FISHRS

12:35PM-12:50PM **Growing a Hair Restoration Practice from Part-time to Full-time**
Timothy P. Carman, MD, FISHRS

12:50PM-1:05PM **Leadership Essentials: The Physician's Role in Guiding the Successful Hair Restoration Practice**
Raymond J. Konior, MD

1:05PM-1:20PM **Building a Cohesive Team of Hair Restoration Assistants**
Aileen R. Ullrich, CMA

1:20PM-1:30PM **Techniques in Training the New Hair Restoration Assistants**
Laura E. Burdine

1:30PM-1:45PM **The Marketing Team: Developing and Maintaining a Successful Hair Restoration Practice**
Steven P. Gabel, MD, FISHRS

1:45PM-2:00PM **Q&A**

WORKSHOP 213**Donor and Recipient Scar Repair Methods**DATE **Friday | September 11, 2015**TIME **12:30PM-2:00PM**LEVEL **Intermediate-Advanced**FEE **\$95 per workshop****Director:** Alex Ginzburg, MD**Faculty:** Sungjoo Tommy Hwang, MD, PhD, FISHRS,
Francisco Le Voci, MD, E. Antonio Mangubat, MD,
Antonio S. Ruston, MD

Alex Ginzburg, MD

This course will discuss the myriad ways to repair scars in the recipient and donor areas including the use of scalp micropigmentation, scar revision, w-plasty, FUE, expanders, relevant regenerative medicine techniques, etc. In addition, the course will help a participant better understand a systematic strategy that will guide thinking and thereby clinical implementation to improve poor scars that may otherwise be deemed difficult to treat.

LEARNING OBJECTIVES

Upon completion of the course you will be able to:

- Identify techniques that will achieve optimal results in scars.
- Recognize how to camouflage scars on the scalp.
- Discuss methods to improve existing scars after donor harvesting.
- Differentiate the different techniques to repair scars on the scalp.

WORKSHOP OUTLINE

12:30PM-12:35PM **Welcome & Introductions**
Alex Ginzburg, MD

12:35PM-12:50PM **Repair of Suboptimal Donor Scars and Strategies to Minimize Scarring**
E. Antonio Mangubat, MD

12:50PM- 1:05PM **FUE, FUT, Scalp Micropigmentation, Scar Repair, Expanders: When Each is Indicated**
Antonio S. Ruston, MD

1:05PM-1:20PM **W-Plasty and Hair Transplantation on the Scars**
Sungjoo Tommy Hwang, MD, PhD, FISHRS

1:20PM-1:35PM **Different Types of Scars and How to Approach Them**
Francisco Le Voci, MD

1:35PM-2:00PM **Q&A**



WORKSHOP 214**Hair Transplant Complications and Their Avoidance**DATE **Friday | September 11, 2015**TIME **12:30PM-2:00PM**LEVEL **All Levels**FEE **\$95 per workshop**

Damkerng Pathomvanich, MD

Director: Damkerng Pathomvanich, MD, FISHRS**Faculty:** James A. Harris, MD, FISHRS,
Dow B. Stough, MD, James E. Vogel, MD, FISHRS

Hair transplantation is on the rise as well as other cosmetic surgery; majority of patients have good results with minimal complications. However, in unforeseen circumstances, complications can occur even when surgery is performed by an experienced hair surgeon, not to count the novice who just entered hair restoration surgery. Patient selection is very important in determining whether he or she is a good candidate for hair transplantation to avoid unforeseen alopecia from non-androgenic causes and in the very young patient. Issues worth discussing are poor or inappropriate hairline design which needs correction for natural and pleasing aesthetic outcome, donor wound necrosis resulting in wide donor scar from tension closure, diffuse thinning of donor hair from extensive harvesting by FUE, cysts or ingrown hairs etc.

Recipient site necrosis has been reported at the Kuala Lumpur M&M Conference, and possible causes will be discussed. Inadequate growth has been reported more and more with FUE probably performed by inexperienced doctors.

In summary, each faculty will discuss their own approach of how to avoid complications in day-to-day practice of hair transplantation. Difficult cases will also be presented and discussed.

LEARNING OBJECTIVES

Upon completion of the course you will be able to:

- Review the management of common and uncommon complications.
- Describe the method of how to assess scalp laxity to avoid tension closure and wound dehiscence.
- Discuss FUE techniques to minimize complications. e.g. Diffuse thinning, cyst formation, etc.
- Describe different approaches to prevent complications in the recipient area.
- Identify risk factors and present information that will be helpful in preventing complications.
- Enumerate the risk factors for poor recipient growth.

WORKSHOP OUTLINE

12:30PM-12:45PM **Introduction and General Complications of Hair Transplant Surgery**
Damkerng Pathomvanich, MD, FISHRS

12:45PM-1:00PM **Donor Site Complications from FUT**
James E. Vogel, MD, FISHRS

1:00PM-1:15PM **Donor Site Complications from FUE**
James A. Harris, MD, FISHRS

1:15PM-1:30PM **Recipient Site Complications**
Dow B. Stough, MD

1:30PM-2:00PM **Q&A**

WORKSHOP 215**Eyebrow Hair Restoration**DATE **Friday | September 11, 2015**TIME **12:30PM-2:00PM**LEVEL **Intermediate-Advanced**FEE **\$95 per workshop**

Marc S. Dauer, MD

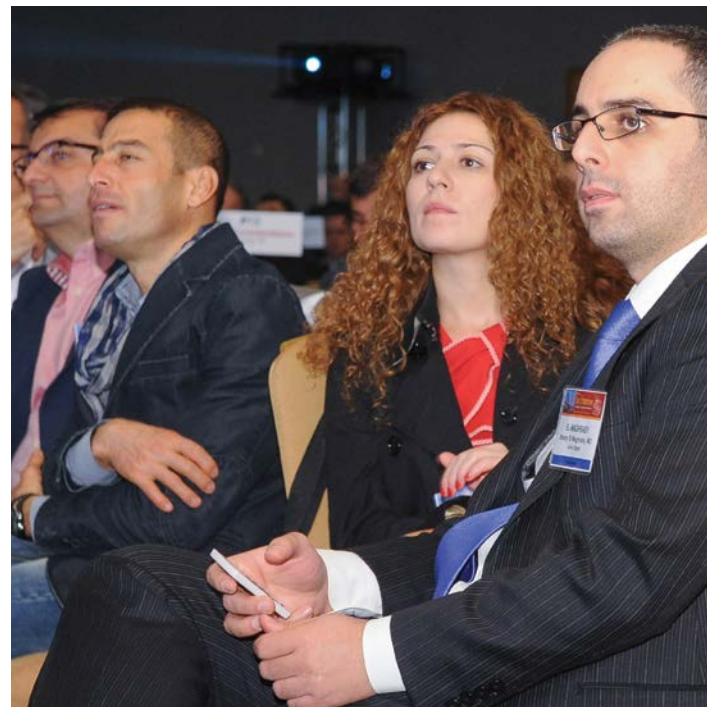
Director: Marc S. Dauer, MD**Faculty:** Jeffrey S. Epstein, MD,
Robert S. Haber, MD, FISHRS, Yael Halaas, MD

This workshop will feature experts in the field of Eyebrow Transplantation describing their techniques in the art of eyebrow transplantation. It will include "How I Do It" by all of the teaching faculty as well as a comprehensive review of actual cases performed and methods utilized.

LEARNING OBJECTIVES

Upon completion of the course you will be able to:

- Enhance artistic and procedural knowledge of eyebrow transplants.

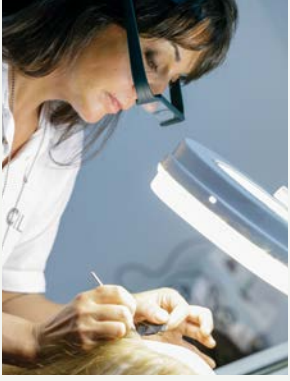




Thank you, faculty!

We truly appreciate your dedication and expertise in the planning, preparation, and presentation of materials.

Gholamali Abbasi, MD	Vincenzo Gambino, MD, FISHRS	Jennifer H. Martinick, MBBS	Ilhan Serdaroglu, MD
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Konstantinos K. Anastassakis, MD, PhD	Seema Garg, MBBS, MSc	Adriane McDonald	Ronald L. Shapiro, MD, FISHRS
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Brandi J. Burgess	Sheldon S. Kabaker, MD, FISHRS	Soo-ho Park, MD	Sanusi H. Umar, MD
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John P. Cole, MD	Sharon A. Keene, MD, FISHRS	Damkerng Pathomvanich, MD, FISHRS	Anastasios Vekris, MD
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Steven P. Gabel, MD, FISHRS	Shalini Malhotra, MBBS, DNB	Satya Saraswat, MD	
Peter A. Gaido, JD	E. Antonio Mangubat, MD	Marie A Schamach, MD	



EXHIBITORS

You are invited to visit the technical exhibit show at the 23rd Annual Scientific Meeting, located in Stevens Salon A on the Lower Level of the Hilton Chicago. Companies of interest to hair restoration surgeons will be displaying their products and services. Representatives will be available to answer questions. All coffee breaks will be served in the exhibit area.

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

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Kenny Moriarty, Vice President

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EXHIBIT HOURS

THURSDAY | September 10, 2015 8:00AM-7:30PM

FRIDAY | September 11, 2015 8:00AM-6:00PM

SATURDAY | September 12, 2015 7:45AM-3:00PM

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Lance Wegner, Business Manager

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www.ngagelive.com

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David Phillips, CEO

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



- ▶ "Hair Loss Discussion Forum" where ISHRS members can engage with consumers looking for feedback and information on a number of topics
- ▶ Members Only section
- ▶ Online Video Library
- ▶ Physician Profile
- ▶ Current and back issues of the Forum
- ▶ Recorded sessions from previous Meetings

ISHRS Products for Sale



2014 Basics in Hair Restoration Surgery Lecture Series

Online Format, enduring material
11.5 hours CME

MEMBER PRICE
\$300

Female Hair Loss Diagnosis and Treatment DVD Set

4 disc set, professionally recorded and produced in 2009

MEMBER PRICE
\$397

High Definition Surgical Video – Female Case and FUE Case

Professionally filmed and edited in 2008 (both surgeries on the same disc)

MEMBER PRICE
\$225

ISHRS Educational Videos – MP4 Video Series

Grow Hair Grow! Minimizing Poor Hair Growth in Hair Transplants and New Ways to Max it Out Recorded in 2012

MEMBER PRICE
\$40

Intro to Biostatistics & Evidence Based Medicine Recorded in 2011

MEMBER PRICE
\$40

Hair Transplant Forum International

Forum:
The Bound Collection, 2001-2005 **SOLD OUT**

Forum:
The Next Five Years, 1996-2000 MEMBER PRICE
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Forum:
The First Five Years, 1991-1995 **SOLD OUT**

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Available to physicians to assist them in training their new assistants. MEMBER PRICE
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Operation Restore Apparel

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ABOUT CHICAGO



AFFIXED BY STUNNING LAKE MICHIGAN AND DECORATED WITH INSPIRING ARCHITECTURE, CHICAGO IS MORE THAN JUST A BIG CITY.

IN ADDITION TO ITS STRIKING DOWNTOWN AREA, WHICH INCLUDES SOME OF THE TALLEST BUILDINGS IN THE WORLD, CHICAGO HAS A DISTINCTIVE COASTLINE DOTTED WITH 24 BEACHES, 580 VIBRANT PARKS AND MORE THAN 200 UNIQUE NEIGHBORHOODS.

STEELY SKYSCRAPERS, TOP CHEFS, MUSIC AND STREET FESTIVALS – ITS DISTINCTIVE MIX OF INCREDIBLE ATTRACTIONS AND CULTURAL ALLURE MAKE CHICAGO ONE OF THE FRIENDLIEST, MOST LIVABLE CITIES IN AMERICA.



CHICAGO HAS DEVELOPED A REPUTATION AS A MUST-VISIT DESTINATION FOR DINERS.

In fact, Chicago is one of only three cities in the U.S. to have its culinary chops rated by the prestigious Michelin Guide. With incredible SHOPPING on The Magnificent Mile, world premiere performances in its famed THEATER DISTRICT and one of the country's most active NIGHTLIFE scenes, this city is always buzzing. Chicago also vaunts more than 40 MUSEUMS, five regional TONY AWARD-WINNING THEATERS and, no matter what season, there's always a PROFESSIONAL SPORTS TEAM to cheer to victory.

CHICAGO IS A CITY WITH AN APPETITE FOR DESIGN, HISTORY, AND CULTURE.

Come here to marvel at the cutting-edge ARCHITECTURE or take in the gorgeous views of LAKE MICHIGAN; to spend a day cheering with baseball fans and a night laughing at a comedy show; to shop, to visit renowned institutions like the FIELD MUSEUM and the ADLER PLANETARIUM, and to experience the LEGENDARY BLUES SCENE. To do all this, you'll need nourishment: taste deep-dish pizza, piled-high hot dogs, Italian beef sandwiches, and more.

ART AND ARCHITECTURE – CHICAGO'S DEFINITELY GOT IT.

High-flying architecture is everywhere, from the stratospheric, glass-floored WILLIS TOWER to Frank Gehry's swooping silver PRITZKER PAVILION to Frank Lloyd Wright's stained glass ROBIE HOUSE. Whimsical PUBLIC ART studs the streets. For ART MUSEUMS, take your pick: impressionist masterpieces at the world renowned ART INSTITUTE OF CHICAGO, current works at the MUSEUM OF CONTEMPORARY ART, or colorfully rich paintings at the NATIONAL MUSEUM OF MEXICAN ART.

CHICAGO KNOWS HOW TO HOST A FESTIVAL.

Between March and September it throws around 200 of them. The specialty is music. Blues Fest brings half a million people to Grant Park to hear guitar notes slide and bass lines roll, all for free. Other big ones are Lollapalooza's three-day rock/pop mega-party in August, the Gospel Music Festival in May and September's JAZZ FEST – and that's just the big ones. Smaller, barbecue-scented STREET FESTS take place in the neighborhoods each weekend. And if not at a festival, you can always find LIVE MUSIC to suit your tastes at one of the numerous music venues.

THESE ARE ALL COMPELLING REASONS TO VISIT CHICAGO, BUT THE CITY'S MOST ENDEARING QUALITY IS ITS PEOPLE.

Chicago's neighborhoods represent more than 100 COUNTRIES and it's through this DIVERSITY and PROFOUND CITY CULTURE that the city can offer the country's best restaurants, festivals, theaters and museums.

For more information about Chicago, visit: www.choosechicago.com.







SO MANY THINGS TO SEE AND DO IN CHICAGO

GRANT AND MILLENNIUM PARKS Across from the Hilton Chicago you have access to the two adjoining lakefront parks, Grant and Millennium, that form the front lawn of Chicago and represent the city's progressive design streak from the 19th century to the 21st, respectively. Some amazing features of these vast parks are:

JAY PRITZKER PAVILLION This Frank O. Gehry-designed concert stage is framed in ribbons of metal.

CLOUD GATE Unofficially called "The Bean," this kidney-shaped sculpture by Anish Kapoor reflects the city skyline. The funhouse distortions make this a popular spot for photographers.

LURIE GARDENS This five acre urban oasis emerges from a harmonious blend of symbolism, landscape design and ecological sensitivity. The design of this four season garden pays homage to Chicago's transformation from flat marshland to innovative green city, or "Urbs in Horto" (City in a Garden).

THE CROWN FOUNTAIN A favorite of locals, this plaza fountain designed by Spanish artist Jaume Plensa is framed by two 50 foot glass block towers that project images of Chicagoans on LED screens as water appears to cascade from their mouths. Join the crowd as they wade in the fountain, awaiting the shooting waters.

BUCKINGHAM FOUNTAIN This ornate, sea themed fountain built in 1927 is one of the largest in the world. Every hour on the hour for 20 minutes the fountain produces a major water display with the center jet shooting 150 feet into the air. Beginning at dusk the water display is accompanied by a wonderful light and music display.

BP BRIDGE This snaking, steel-clad span also designed by Gehry connects Millennium Park to the entire lakefront park system.

PARK GRILL Visit this popular café in the park with a large outdoor seating area that allows you to sit back, relax and admire the surrounding architecture.

MAGGIE DALEY PARK In the past year a section of Grant Park was re-opened as Maggie Daly Park, featuring a cutting edge playground for the kids and ice skating ribbon.

37TH ANNUAL CHICAGO JAZZ FESTIVAL, September 3-6, 2015 in Millennium Park

Known for its artistic creativity, the Chicago Jazz Festival is a favorite Labor Day Weekend tradition. It promotes awareness and appreciation for all forms of jazz through free, quality live musical performance. Since 1979, the festival's mission is to showcase Chicago's vast jazz talent alongside national and international artists to encourage and educate a jazz audience of all ages.

For more information, go to www.cityofchicago.org/city/en/depts/dcal/supp_info/chicago_jazz_festival.html.

GET ON A BOAT It's great to get out on the water in September. Explore Lake Michigan and/or the Chicago River on one of the many tourist boats. Here are some to consider:

Chicago Architectural River Cruise www.architecture.org/experience-cafi-tours/detail/chicago-architecture-foundation-river-cruise-aboard-chicagos-first-lady-cruises

Odyssey Cruises www.odysseycruises.com/Chicago

Spirit of Chicago www.spiritcruises.com/chicago

Wendella Boat Rides www.wendellaboats.com





GO TO THE BEACH September is generally still summer in Chicago, so the beach activity will still be in full swing. The nearest sand beach to the Hilton Chicago is Oak Street Beach.

WORLD CLASS DINING Chicago is famous for its fantastic cuisine, including pizza, steakhouses, seafood, Italian food and more... actually just about every type of cuisine you can imagine. Here you will find everything from 5 star restaurants to trendy celebrity chef establishments to small delightful eateries. Consider making reservations early to be sure you get into your choice of restaurants. Some good websites to explore Chicago's vast restaurant offerings are www.chicagomag.com (Chicago Magazine), www.zagat.com/chicago, and www.diningchicago.com. You may make reservations directly with the restaurant or hotel guests may contact the Hilton Chicago concierge desk to make your restaurant reservations at hiltonchicagoconcierge@ccshotels.com or by phoning them at 1-312-786-6210.

RENOWNED MUSEUMS Some of best known are the Museum of Science and Industry, the Field Museum, the Art Institute of Chicago, the Shedd Aquarium, and the Adler Planetarium.

INTERNATIONAL MUSEUM OF SURGICAL SCIENCES This Chicago museum, located in a historical mansion on Lake Shore Drive, would be of special interest to our surgeons. For more information, go to www.imss.org.

AN ABUNDANCE OF SHOPPING The two main downtown shopping areas are State Street and the Magnificent Mile, an eight block stretch on North Michigan Avenue which includes the Water Tower Place Shopping Center. Oak Street, right off of North Michigan Avenue, is where you will find many of the smaller designer boutiques.

TAKE A TOUR This year the ISHRS will not be offering any group charter tours, however we encourage you to squeeze in a tour or two on your own. There are numerous tour companies online to choose from. Or, hotel guests may book tours through the Hilton Chicago's concierge desk at hiltonchicagoconcierge@ccshotels.com or by phoning the concierge desk at 1-312-786-6210.

BROADWAY IN CHICAGO Check out the best of Broadway Musicals in one of Chicago's historical theaters. Go to www.broadwayinchicago.com.

THE SECOND CITY Over 50 years of funny – the world's premier comedy club/theatre and school of improvisation has launched so many comedy stars through the past five decades that the list reads like a Who's Who of comedy. Check out www.secondcity.com.

SEE A PLAY Chicago has an international reputation for great theater with at least 200 troupes and counting. Theater is so woven into its urban neighborhoods that it has become part of the fabric of Chicago. The Steppenwolf and Goodman are a few of the best known. Peruse the current plays at www.theatreinchicago.com.

BLUES AND JAZZ CLUBS Catch some jazz at The Green Mill or Andy's, or sample Chicago blues at Buddy Guy's Legends (just 2 blocks from the Hilton Chicago), Checkerboard Lounge, or Blue Chicago, to name just a few. And it's not just all blues and jazz. Find your kind of music venue at: <http://www.choosechicago.com/articles/view/LIVE-MUSIC-VENUES/376/>.

EXPLORE CHICAGO'S NEIGHBORHOODS Chicago is defined not just by its towering downtown area, but also by its many unique neighborhoods. You may feel like hopping in a taxi to spend an evening in Chinatown, Little Italy, Greek Town, or Lincoln Park, just to name a few possibilities. See more at www.choosechicago.com/neighborhoods-and-communities.





OLSW 21

ORLANDO LIVE SURGERY WORKSHOP 2016

APRIL 13-16, 2016 • ORLANDO, FL • USA

ISHRS Regional Workshop Hosted by Matt L. Leavitt, DO



For registration information, contact:
Valarie Montalbano at hvalariem@leavittmgt.com

ISHRS POLICY LIMITING ATTENDANCE BY NON-PHYSICIANS AT ISHRS MEETINGS

INTRODUCTION

The International Society of Hair Restoration Surgery ("ISHRS") Board of Governors ("Board") recognizes that the ISHRS's exempt purpose is advanced by, among other things, providing educational opportunities, training, and courses to physicians and their assistants regarding hair restoration techniques, procedures, and related issues. The Board also recognizes that there have been, and are, physician assistants, and other non-physician personnel, who seek to perform hair restoration techniques and procedures without a physician and/or otherwise outside the scope of their licensure and area of expertise, thereby jeopardizing patient safety. Accordingly, the Board determined that patient safety is advanced and the ISHRS's exempt purpose is furthered by limiting attendance by non-physicians at ISHRS educational meetings and courses in accordance with this Policy.

POLICY

1. Only physicians and Authorized Non-Physicians (as defined herein) may attend the ISHRS's Annual Scientific Meeting or any ISHRS sponsored educational courses ("ISHRS Course"). For the purposes of this Policy, Authorized Non-Physicians include only surgical assistants, technicians, and other office personnel employed by an ISHRS Physician Member (as defined in ISHRS's Bylaws, including Fellow, Associate Member, Member, Resident Member, Emeritus Member) or ISHRS Physician Member Applicant (Member-Pending) with a completed application on file (Associate Member, Member, Resident Member, Emeritus Member) who attends the same ISHRS Course*. The ISHRS Physician Member or ISHRS Physician Member Applicant must have a clinical hair restoration practice and perform hair restoration surgery. For the purposes of this Policy, an Authorized Non-Physician is "employed by" an ISHRS Physician Member or ISHRS Physician Member Applicant only if they have an employer-employee relationship as recognized by law, and the employment is full-time or permanent part-time (i.e., as opposed to an independent contractor, partner, part-time, or temporary service provider, or any other business relationship), and the Authorized Non-Physician must be located in the same state/location as the physician who must be licensed in that state/location.
2. An Authorized Non-Physician will only be permitted to attend an ISHRS Course if his/her ISHRS Physician Member/ISHRS Physician Member Applicant employer also attends the ISHRS Course* and completes and submits a signed Letter of Attestation in the form prescribed by ISHRS verifying their employment. A copy of the current Letter of Attestation required by ISHRS is attached to this Policy.
3. Specific to stand alone Workshops with a separate Assistants Track: An Authorized Non-Physician will be permitted to attend without his/her employing physician if the following criteria are met. The ISHRS believes that a physician performing hair restoration should be acquainted with all aspects of hair restoration surgery, including the duties performed by the assistants and technicians. To ensure that the employing physician has the fundamental knowledge base there are physician requirements in order for their assistant(s) to attend. An Authorized Non-Physician will only be permitted to attend this type of workshop if his/her ISHRS Physician Member/ISHRS Physician Member Applicant employer has been practicing hair restoration for at least three years OR has attended one of the following meetings/courses within the preceding three years: 1) an ISHRS annual scientific meeting and attended the "Basics Course"; 2) the St. Louis University "Hair Transplant 360" Workshop, or 3) the ISHRS Orlando Live Surgery Workshop. The physician must complete and submit the signed Letter of Attestation in the form prescribed by the ISHRS.
4. Falsifying the Letter of Attestation is an ethics violation, and grounds for revoking a Physician Member's membership.
5. Any person or entity who wants to exhibit and/or market their products or services at an ISHRS event may apply for an exhibit booth at the Annual Scientific Meeting or Regional Workshop in accordance with the ISHRS's applicable policies and procedures, but are otherwise precluded from participating in an ISHRS Course unless they are a physician or Authorized Non-Physician.
6. It is the ISHRS's intention to closely monitor attendees and participants at ISHRS Courses to ensure compliance with this Policy. Without limiting the foregoing, the ISHRS's Bylaws & Ethics Committee will play an active role in proctoring and taking action on any unethical behavior during all ISHRS Courses.

* Exception for approved stand alone Workshops with a separate Assistants Track.

BE AN EARLY BIRD TO RECEIVE THE BEST RATES!

EARLY BIRD REGISTRATION DEADLINE: JULY 31, 2015

REGULAR REGISTRATION DEADLINE: AUGUST 28, 2015

POST- AND ONSITE REGISTRATION: AFTER AUGUST 28, 2015

REGISTRATION CATEGORIES & FEES

REGISTRATION FEES

The general registration fee includes: admittance to general scientific sessions, scientific e-posters, exhibits, coffee/refreshment breaks, box lunch (Thursday and Saturday), Welcome Reception, a Final Program Guide, and access to the electronic Abstract Book. 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.

REGISTRATION VERIFICATION

Registration verification is required for the indicated categories and must accompany registration form.

Acceptable forms of verification are as follows:

- For the **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.
- For the **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.
- For the **NON-MEMBER PHYSICIAN RESIDENT**: a letter of verification from the residency program director.
- For the **TRAINING FELLOW**: a letter of verification from the fellowship training program director.
- For **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.

Online registrants should fax verification to ISHRS headquarters at FAX: 1-630-262-1520.

**BRING 3 OR MORE NON-PHYSICIAN PERSONNEL
RECEIVE A \$50 REBATE PER PERSON!**

MULTIPLE STAFF DISCOUNT

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

- Rebates are offered only for non-physician personnel which are employed in the same office. I.e., surgical assistants (member/non-member), office staff, office manager, and clinic director registration categories.
- A Registration Rebate Form must be completed and submitted no later than October 13, 2015. Forms received after this date will not be eligible for this special offer. Contact the ISHRS Headquarters office for a Rebate Request Form or obtain from Meeting Registration Desk.
- A rebate check will be issued 6 weeks after the meeting, so that attendance can be verified for the individuals that are listed on the Registration Rebate Form.
- Only one rebate check will be issued to the employing physician at the address indicated on the Registration Rebate Form.

EARLY BIRD
RATE!
By July 31

REGULAR
RATE
Aug 1-28

LATE/ONSITE
RATE
After Aug 28

PHYSICIAN CATEGORIES

PHYSICIAN – ISHRS MEMBER For Physician members of the ISHRS.	\$1,290	\$1,390	\$1,490
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PHYSICIAN – PENDING ISHRS MEMBER 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.	\$1,390	\$1,490	\$1,590
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PHYSICIAN – NON-MEMBER 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.	\$1,540	\$1,640	\$1,740
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RESIDENT CATEGORIES

PHYSICIAN RESIDENT OR TRAINING FELLOW – ISHRS MEMBER 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.	\$595	\$695	\$795
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PHYSICIAN RESIDENT – PENDING ISHRS MEMBER 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.	\$620	\$720	\$820
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PHYSICIAN RESIDENT OR TRAINING FELLOW - NON-MEMBER For physician residents who are not current members of ISHRS and are currently participating in an approved residency training program. 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.	\$645	\$745	\$845
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ADJUNCT CATEGORIES

ADJUNCT – ISHRS MEMBER For Adjunct members of the ISHRS.	\$1,290	\$1,390	\$1,490
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ADJUNCT – PENDING ISHRS MEMBER 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.	\$1,390	\$1,490	\$1,590
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ADJUNCT – NON-MEMBER/TRICHOLOGIST 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.	\$1,540	\$1,640	\$1,740
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SURGICAL ASSISTANT CATEGORIES

SURGICAL ASSISTANT – ISHRS MEMBER For members of the ISHRS Surgical Assistants Auxiliary. A Letter of Attestation is required. See Policy on Non-Physicians at ISHRS Meetings.	\$515	\$615	\$715
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OTHER CATEGORIES

CLINIC DIRECTOR 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.	\$1,540	\$1,640	\$1,740
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OFFICE MANAGER For office managers of a hair restoration surgery practice. A Letter of Attestation is required. See Policy on Non-Physicians at ISHRS Meetings.	\$695	\$795	\$895
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OFFICE STAFF For office staff in a hair restoration surgery practice. A Letter of Attestation is required. See Policy on Non-Physicians at ISHRS Meetings.	\$695	\$795	\$895
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MARKETING/WEBMASTER 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.	\$1,540	\$1,640	\$1,740
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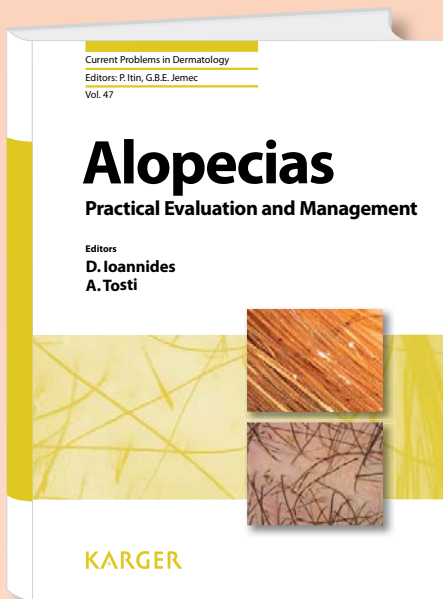
SPOUSE/GUEST For a spouse or guest of the Physician or Adjunct who does not belong in any of the above categories. Registration verification is required. Spouses/guests who are not registered will not be permitted into the meeting (except for the Welcome Reception) and will not receive a name badge.	\$695	\$795	\$895
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Practical Evaluation and Management

Editors

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- Understand the basic aspects of FUE with these devices in order to successfully and safely perform this procedure.

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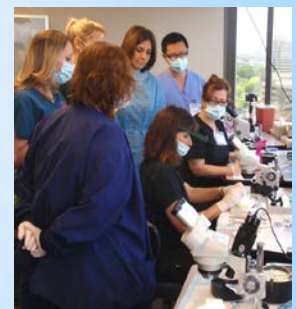
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