



HypoThermosol®

THE OPTIMIZED GRAFT STORAGE
SOLUTION TRUSTED BY LEADING HAIR
RESTORATION PROFESSIONALS WORLDWIDE

Join the growing list of hair restoration professionals that trust ex vivo graft storage to HypoThermosol.

BioLIFE SOLUTIONS®
BIOPRESERVATION TOOLS FOR CELLS, TISSUES, AND ORGANS

1.866.424.6543 BioLifeSolutions.com

info@biolifesolutions.com



Cole Dissection Device or The CDD-Vortex



*Our Vortex is the only motorized
FUE extractor with built in
precision depth control

*Accelerated FUE learning curve

*Exceptional value

*Sharp motorized dissection

*Portable; put it in your pocket
and take it with you

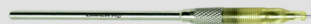


*Improved lightweight tip
*No lubrication necessary

New! Zero-T Punch™



- *High quality steel lasts longer
- *Continuous oscillating punch
- *Extremely sharp
- *Exceptional value
- *Long punch life
- *Based on 2006 patent filing - USPTO



Cole Instrument Punches



The Professional's Choice:

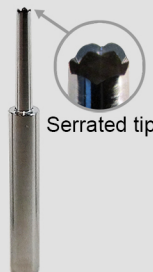
*Precise depth control

*Long lasting super sharp punches

Video Demonstrations:
www.coleinstruments.com/video-demos
SALES@COLEINSTRUMENTS.COM
WWW.COLEINSTRUMENTS.COM
1 800 368 4247



Classic CII Punch



Serrounded Punch™



New! Wind-O Punch™

The Wind-O opening reduces torsion
and serves as a 1 mm depth reference

Our revolutionary new Wind-O Punch
allows you to see the graft as you
are cutting. You can quickly change
the cutting angle to avoid transection

2017 Practice Census Finds Hair Restoration Surgery at All-Time High

Sharon A. Keene, MD, FISHRS, Chair, ISHRS Communications & Public Education Committee | Tucson, Arizona, USA; Karen Sideris, ISHRS PR Consultant | Geneva, Illinois, USA | info@ishrs.org

When ISHRS members were asked to participate in the 2017 Practice Census survey earlier this year, a record number (300 to be exact) took the time to answer 35 questions—ranging from the number of hair restoration surgeries performed in 2016 to how many “subcontractor” technicians they employ. The responses couldn’t be more telling about the state of hair restoration in 2016, and the Communications & Public Education Committee is grateful to everyone who took the time to complete this important survey.

While there is an abundance of new data to share, some of the key highlights are presented here that show how our specialty has thrived in recent years—despite, at times, flat economic growth worldwide that put the squeeze on disposable income.

ISHRS WORLD NEWS

Since the ISHRS started polling members on practice trends with its first Practice Census survey in 2005, the number of men and women undergoing hair transplantations has increased steadily over the past decade. Now, the extrapolated worldwide volume of surgical hair restoration procedures has reached an all-time high—with 635,189 procedures performed worldwide in 2016, marking a substantial 60% increase from 2014.

Breaking down the number of surgical hair restoration procedures by region in 2016, the highest number of procedures was performed in Asia (195,284), representing a 36% increase from 2014. The second highest number of surgical procedures performed occurred in the Middle East (149,400), a 163% increase, followed by the United States (133,136), an 18% increase from 2014.

While all regions of the world experienced an increase in surgical procedures in 2016, Mexico/Central & South America also saw significant growth with 65,930 procedures, representing a 132% increase. In Europe, 79,513 procedures were performed (a 70% increase from 2014).

WHAT WE KNOW ABOUT OUR PATIENTS

In 2016, the extrapolated number of surgical and non-surgical patients worldwide also rose dramatically. In total, 1,838,946 patients were reported in 2016, a 74% increase from 2014. This total includes 597,181 surgical patients (67% increase) and 1,241,764 nonsurgical patients (78% increase).

Examining the data by gender, men continued to represent the vast majority of our overall patient base in 2016—comprising 85.7% of surgical patients and 61.8% of nonsurgical patients. On the other hand, the number of women seeking help for hair loss dipped slightly in 2016. Specifically, 14.3% of our surgical patients were women (a 7% decrease from 2014), and they comprised 38.2% of our nonsurgical patients (a 5% decrease from 2014).

Looking at the patient data by age, more than half of both

male and female surgical patients continued to fall between the ages of 30 to 49 years old—a trend that has held steady for several years—with 59.7% of men and

59.0% of women in this age group. On average, male patients tended to be slightly younger than female patients (Figure 1).

Since medical tourism continues to gain momentum around the world, this year members were asked to indicate where their hair restoration patients

were located. While 38.9% of patients were based locally (within 20 miles/32 km) in 2016, roughly 60% of patients traveled more than 20 miles/32 km for a hair restoration procedure, including traveling to a different country (Figure 2).

NON-SCALP HAIR RESTORATION PROCEDURES

Body hair transplantation procedures performed in 2016 yielded mixed results, as some procedures increased dramatically while others declined.

Specifically, hair restoration procedures performed on the face (moustache/beard) increased 101% worldwide from 2014 to 2016, with the largest number of procedures taking place in the Middle East (8,537). Hair restoration procedures targeting the chest also increased 201% worldwide over the two-year period, with the Middle East again reporting the most procedures (1,707).

Overall, procedures targeting the eyelashes, eyebrows, and pubic areas were down in 2016, after years of continued growth in these areas. By region, Mexico/Central & South America handled the largest number of eyelash (407) and pubic hair transplants (116) in 2016; Asia conducted the largest amount of eyebrow (6,423) procedures and scar repair procedures (3,559) in 2016.

By gender, in 2016, approximately 11% of male procedures targeted non-scalp areas of the body, of which facial (moustache/beard) accounted for 4% of procedures and eyebrows accounted for 3% of procedures. Approximately 21% of female procedures targeted non-scalp areas of the body in 2016, of which eyebrows accounted for 15% of procedures and scar repair accounted for 3% of procedures.

FIGURE 1. Hair Restoration Surgical Patients by Sex and Age (n=229)

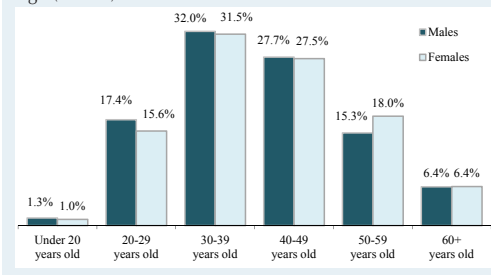


FIGURE 2. In 2016, roughly what percent of your hair restoration patients were based in the following locations? (N=212)

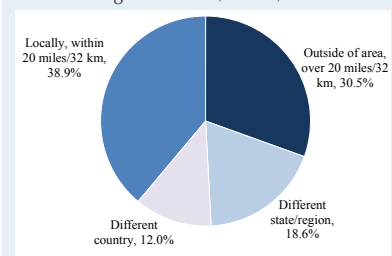
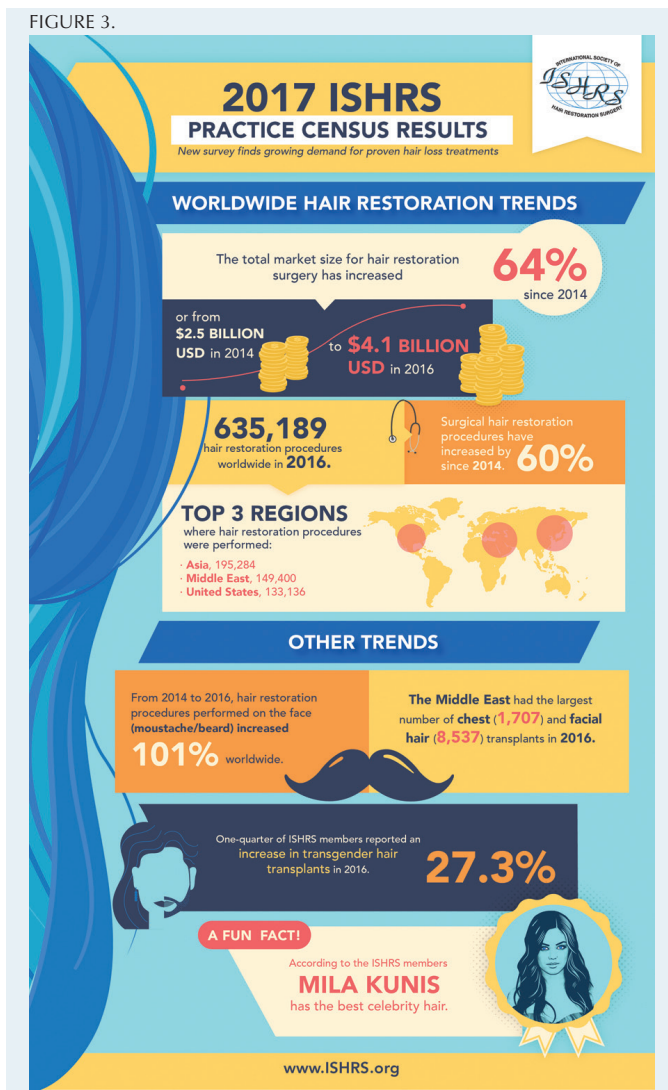


FIGURE 3.



To help you use the new data on a local level, you will be receiving a new, consumer-friendly infographic (Figure 3) with a few of the most notable statistics to use in your practices and with the media. We encourage you to use this valuable tool to communicate our impressive trends in hair restoration.

In addition, you also will receive via email a press release template and sample pitch letter that includes survey highlights and information to tailor to your individual practice. By sharing these statistics with your local media, you will help raise awareness of the ISHRS and hair restoration surgery while positioning yourself as a local hair loss expert.

For a full reprint of the ISHRS 2017 Practice Census Report, visit <http://www.ishrs.org/statistics-research.htm>.

On behalf of the Communications & Public Education Committee, thank you to everyone who completed this year's Practice Census. Let's work together to spread the word that the ISHRS is the leading resource for hair loss and hair restoration!

**Note: The margin of error for the sample is within plus or minus 4.9% at the 95% confidence level.*

FUE UPDATE

When members were asked what percent of their total male and female hair restoration surgical procedures were performed using several different methods, the most common method was Hair Transplantation with FUE harvesting (52.6%), followed by Hair Transplantation with strip/linear harvesting (44.0%).

In fact, the majority of ISHRS members (92.5%) performed FUE on their patients. The methods members used for FUE cases varied: 78.5% used motorized FUE technique without suction (hand-held), 19.4% used manual FUE technique, 12.5% used robotic-assisted FUE technique, and 11.2% used motorized FUE technique with suction (hand-held).

HOW THE DATA WILL BE USED

There are countless ways that the Practice Census data will be used in the coming months, as it continues to be an important tool for establishing trends in hair restoration for our members, the media, and the public. Currently, we have developed a press release and fact sheet highlighting key data points to generate media interest in hair restoration surgery, and specific topics will be pitched to targeted media outlets beginning this fall.

Ellis

Instruments, Inc.

**State-of-the-art
instrumentation for hair
restoration surgery!**

For more information, contact:

**21 Cook Avenue
Madison, New Jersey 07940 USA**

Phone: 800-218-9082 • 973-593-9222

Fax: 973-593-9277

Email: ellisinstruments.cellis@gmail.com

www.ellisinstruments.com

capillusTMR_x

BY PHYSICIANS ONLY

**MORE LASERS THAN ANY FDA-CLEARED LASER THERAPY CAP ON THE MARKET.
FASTER TREATMENT TIME. MORE COMFORT. LONGER WARRANTY. BETTER ENERGY DELIVERY.**

312 LASER DIODES | 6 MINUTES PER DAY | 5 YEAR WARRANTY

NEW FASTER TREATMENT PROTOCOL

Now just 6 Minutes with continuous wave output and same clinically-proven technology.

FLEXIBLE FITTING COMFORT

More comfortable fit with new hypoallergenic polymer which adapts to different head shapes.

BETTER ENERGY DELIVERY

Continuous wave technology means our laser therapy caps do not pulse (blink). This allows for more consistent laser energy delivery to the scalp.

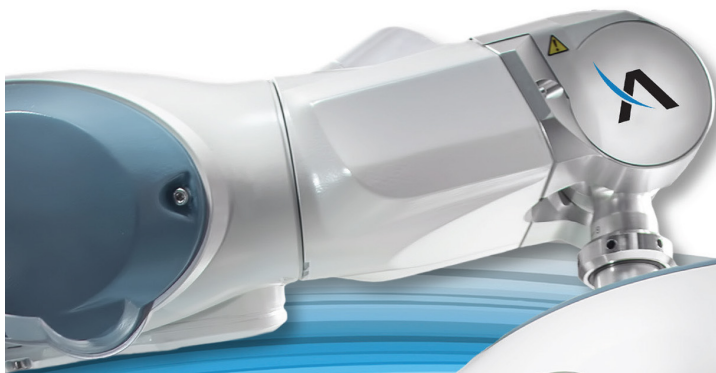


Treat thinning hair at home or on-the-go in the time it takes to drink your morning coffee!

CALL CAPILLUS FOR PHYSICIAN PRICING

USA TOLL-FREE 1 (888) 272-9599 • OUTSIDE OF USA +1 (786) 888-6249 • WWW.CAPILLUS.COM

CAPILLUS, LLC - 1715 NW 82 AVE, MIAMI, FL 33126, USA +1 786 888-6249 - THE CAPILLUS NAME & LOGO ARE REGISTERED TRADEMARKS OF CAPILLUS, LLC. PATENT PENDING. ALL RIGHTS RESERVED. * CAPILLUS LASER THERAPY DEVICES ARE INTENDED FOR THE PROMOTION OF HAIR GROWTH IN FEMALES WITH ANDROGENIC ALOPECIA WHO HAVE LUDWIG-SAVIN CLASSIFICATIONS I - II, AND IN MALES WITH ANDROGENIC ALOPECIA WHO HAVE NORWOOD HAMILTON CLASSIFICATIONS IIA-V; AND BOTH GENDERS HAVING FITZPATRICK CLASSIFICATION OF SKIN PHOTOTYPES I TO IV. EFFICACY DEMONSTRATED IN CAPILLUS CLINICAL TRIAL FOR CAPILLUSPRO. SEE CLINICALTRIALS.GOV FOR MORE INFORMATION. ALL CAPILLUS LASER DEVICES ARE MANUFACTURED IN THE USA BY CAPILLUS FROM FOREIGN SOURCE RAW MATERIALS.



ARTAS™
ROBOTIC HAIR RESTORATION



POWERED BY



9x: AN ARTAS™ SYSTEM LIKE NO OTHER

INCREASED PERFORMANCE

20% Faster Operating Speed.¹ Harvest Up to 1,500 Grafts Per Hour!²

INCREASED ACCURACY

- New 0.8mm Needle Size

ADVANCED VISION SYSTEM

- Automated Tensioner Acquisition with the ARTAS Color Recognition Vision
- Photonic Illuminated Graft Selection & Dissection
- Decreased Operator Eye Fatigue
- Real-time Auto Scar Detection

IMPROVED SITE MAKING

- New One Photo Dome Model
- New Blade Incision Option

ONE TOUCH ARM POSITIONING

- Push of a Button to Pause & Resume a Case

ENHANCED ERGONOMIC DESIGN

- Extended Reach to Access Acute Angles & All Regions of the Donor Area
- Easy Access for Pre- and Post-op Setup

Request More Information: +1.408.883.6888 • ARTAShair.com

The ARTAS™ System is indicated for harvesting hair follicles from the scalp of men diagnosed with androgenetic alopecia (male pattern hair loss) who have black or brown straight hair. It is also indicated for creating recipient sites for subsequent manual implantation of harvested follicles. © 2017 Restoration Robotics, Inc. All rights reserved. Restoration Robotics, ARTAS, 9x and the stylized logos are among the trademarks and/or registered trademarks of Restoration Robotics, Inc. in the United States and other countries. 1: Compared to ARTAS 8x. Data on file. 2: Data on file. MK-0839 Rev A (10/17)

RR
RESTORATION
ROBOTICS

Review of the World Live Surgery Workshop – FUE Immersion

October 1–2, 2017 • Polanica Zdrój, Poland

SATURDAY/SEPTEMBER 30, 2017

Andreas Finner, MD, FISHRS | Berlin, Germany

Attendees of the WLSW gathered at the sensational Dr. Irena Eris Hotel and Spa. Many of us had already toured beautiful southern Poland. We were delighted by the wonderful villas and parks of Polanica Zdrój and enjoyed the fall foliage under sunny skies.

BASICS COURSE

The workshop started in the afternoon with the Basics Course that featured lectures on basic concepts and nomenclature of FUE and anatomic structures of the anchoring system. Practical tips were given regarding donor area management, punch types, incision and extraction techniques, staff and patient ergonomics, and loupes and lighting. Following the Basics Course was a welcome reception where attendees of different backgrounds and experiences got to know each other.

SUNDAY/OCTOBER 1, 2017

Nina Otberg, MD | Berlin, Germany

The second part of the Basics Course on Sunday morning started with a discussion on donor and recipient area anesthesia management, which was moderated by Dr. Christian Bisanga. Dr. Akaki Tsilosani presented calculations of maximum dosage of different local anesthetics and injection techniques. Dr. Robert True discussed anatomy, nerve blocks, ring blocks, and application techniques.

Drs. Ken Williams, Emre Karadeniz, and Akaki Tsilosani discuss limitations and advantages of FUE.



The next topic was the best donor area approach. Drs. Ali Emre Karadeniz, Ken Williams, and Akaki Tsilosani talked about limitations and advantages of follicular unit extraction (FUE). They noted that areas of extraction should

be restricted to the safe area in patients with less than 20% miniaturization. No extraction should be performed in the occipital hairline or too high near the vertex to account for future vertex thinning. However, some surgeons, it was noted, create a feathering zone on the edges.

The next panel, consisting of Drs. James Harris, Chiara Insalaco, Bessam Farjo, and Parsa Mohebi, discussed the calculation of a hair coverage value and hair diameter index. The application of the Hair Diameter Index (HDI) in obtaining a target hair density was presented along with the mathematical and aesthetic considerations on recipient site planning.

The morning continued with a welcome from WLSW chair, Dr. Arthur Tykocinski, and co-chairs, Drs. Jerzy Kolasinski and Ken Washenik followed by five 30-minute panels that each discussed different aspects of FUE.

In Panel 1, “Surgeons and Humility,” moderated by Dr. Robert Haber, Drs. Emorane Lupanzula, Ronald Shapiro, and Arthur Tykocinski talked about work ethics, keeping patients expectations realistic and low, and being modest.

In Panel 2, “Patient Selection,” moderated by Dr. William Rassman, Drs. Ken Williams, Russell Knudsen, and Bessam Farjo presented considerations on who is a good candidate for hair restoration in general, and for FUE in particular, and on the importance and limitations of hair restoration in combination with medical therapy. It was noted that as patients get older, hair aging occurs even in the donor area.

In Panel 3, “Transection Rate,” moderated by Dr. Robert True, Drs. Jean Devroye, Kapil Dua, and Tayfun Oguzoglu presented calculations on transection rates, noting that partial and complete transection have to be taken into account; regrowth cannot be expected in every transected hair, depending on the area of damage within the follicle. Transection rates should be monitored and kept under 10%.

In Panel 4, “Punch Types,” moderated by Dr. Parsa Mohebi, Drs. Emorane Lupanzula, Conradin von Albertini, James Harris, Jean Devroye, and Mauro Speranzini presented technical aspects regarding punch types, movements, and speed. Punches can be blunt, sharp, or hybrid; manual or motorized; with or without oscillation. Every surgeon has to find the device that works best in his or her hands. The device can also be chosen depending on the patient’s hair. Suction can help to extract the grafts, but while Fueter only elevates the grafts, NeoGraft has a higher risk of desiccation.

In Panel 5, “Exhausted Donor Areas,” moderated by Dr. Emorane Lupanzula, Drs. Christian Bisanga, Paul Rose, Kapil Dua, and Craig Ziering noted that depleted donor areas are a result of poor planning and over-harvesting. Depending on the patient’s density and thickness, safe harvesting is limited. Scalp micropigmentation can be used to camouflage the problem.

Live surgery viewing, day 1

The afternoon program took place at the Salus Medical Center. Five surgeries demonstrated different FUE extraction techniques. Surgeries were performed by a Polish surgeon together with a guest surgeon. One moderator commented on the surgery in the operating room. Attendees had the choice of viewing each surgery in the room directly or all on a screen in the viewing room. The two moderators in the viewing room, Drs. William Rassman and Russell Knudsen, switched from room to room

Attendees observe surgery performed by Drs. Conradin Von Albertini and Jerzy Kolasinski.



so that the audience as well as the moderators could ask questions. The surgeries included the following:

Room 1: Extraction with a manual sharp punch (Emorane Lupanzula and Arthur Sandelewski, moderator: Ronald Shapiro)

Room 2: Hybrid/Trumpet punch with oscillation (Jean Devroye and Slawomir Pietruszko, moderator: Robert True)

Room 3: Motorized sharp punch and sharp implanters (Conradin von Albertini and Jerzy Kolasinski, moderator: Robert Haber)

Room 4: Motorized sharp punch with oscillation and suction and demonstration of dull implanters (Mario Speranzini and Malgorzata Kolenda, moderator Bessam Farjo)

Room 5: Manual sharp punch with oscillation (Christian Bisanga and Wojciech Zielinski moderator, James Harris).

Attendees enjoyed a traditional Polish Folk Party in the park.



In addition, five exhibitors were present at the Salus Medical center.

The day ended at Zdrojowy Park with a wonderful folk party that showcased traditional Polish folk dancing and traditional Polish food.

MONDAY/OCTOBER 2, 2017

Monday started with lectures divided into six discussion panels (6-11). In Panel 6, "Donor Area Reasonable Limits," moderated by Dr. James Harris, Drs. Chiara Insalaco, Maria Angelica Muricy, Anastasios Vekris, and Christian Bisanga discussed optimal punch size to avoid transection and minimize scarring and donor depletion. They noted that beginners should start with small sessions and, if necessary, on consecutive days. Eight to 12 months should pass before a second session is performed. FUE harvesting should be limited to 20% if no adjacent hairs should be harvested. The maximum yield will depend on hair shaft thickness, length, density, and size of the donor area.

In Panel 7, "Combining FUE and FUT," moderated by Dr. Arthur Tykocinski, Drs. Ronald Shapiro, Anastasios Vekris, Craig Ziering, Márcio Crisóstomo, and Robert True discussed if FUE and strip surgery can or should be combined to maximize the total graft yield, why it is important to learn both techniques, and how it can be combined in the same session.

In Panel 8, "Beard and BHT," moderated by Dr. Mauro Speranzini, Drs. Bradley Wolf, Parsa Mohebi, and Kapil Dua noted that beard to beard transplantation can be used if donor supply under the chin is sufficient. Beard to head can be used if the occipital scalp donor site is depleted or insufficient and the structure of beard and scalp hair match. Body hair can be extracted from every hair-bearing area of the body. Body hair extraction (BHT) should only be performed by experienced surgeons in exceptional cases.

In Panel 9, "Implanter Basics," moderated by Dr. Conradin von Albertini, Drs. Sungjoo (Tommy) Hwang, Mauro

Speranzini, Anastasios Vekris, and Bradley Wolf noted the technical aspects of graft implantation. Different types of implanters were introduced; loading and implanting with dull and sharp implanters was explained, with Dr. Wolf noting that he prefers differential graft placement with forceps.

In Panel 10, "Graft Care," moderated by Dr. Jean Devroye, Drs. Robert True and Conradin von Albertini discussed how to maximize graft survival. PRP, ATP, and the right temperature can have an impact on graft survival besides a short out of body time.

In Panel 11, "New Trends," moderated by Dr. Ronald Shapiro, Drs. Arthur Tykocinski, Sungjoo (Tommy) Hwang, Mauro Speranzini, and Otavio Boaventura presented the latest trends in FUE surgery such as the hybrid punch, new types of implanters, and a new way to perform FUE in long hair with a slit punch.

Live surgery viewing, day 2

Attendees spent the afternoon at the Salus Medical Center where they were able to observe the following rooms:

Room 1: Presentation of a motorized sharp punch and trumpet punch with oscillation and graft placement with sharp implanters (Maria Muricy and Arthur Sandelewski, moderator: Conradin von Albertini)

Room 2: Sharp manual punch and sharp implanters for graft placement (Patrick Mwamba – extraction, Sungjoo (Tommy) Hwang – sharp implanter, and Slawomir Pietruszko, moderator: Bessam Farjo)

Room 3: Motorized blunt punch and a scar repair case with fat grafting (James Harris and Jerzy Kolasinski, moderator: Ronald Shapiro)

Room 4: Demonstration of robotic FUE (Craig Ziering and Malgorzata Kolenda, moderator Robert True)

Room 5: Hybrid punch and sharp implanters with implanter ramp to increase speed and optimize ergonomics (Arthur Tykocinski and Wojciech Zielinski, moderator: Robert Haber).

The workshop closed with a wonderful dinner, awards ceremony, and dance party followed by billiards and bowling at the Dr. Irena Eris Hotel. ■

The panel discusses technical aspects of graft implantation.



Dr. Harris begins extracting grafts.



2017 WORLD LIVE SURGERY WORKSHOP

Thank you to the faculty of the 2017 World Live Surgery Workshop—FUE Immersion!



Arthur Tykocinski, MD, FISHRS, Live Surgery Workshop Chair, and Jerzy R. Kolasinski, MD, PhD, FISHRS, Live Surgery Workshop Co-Chair, celebrate a successful workshop.



WLSW Directors receive certificates and awards.

L to R: Arthur Tykocinski, MD, FISHRS, Jerzy Kolasinski, MD, PhD, FISHRS, Robert H. True, MD, MPH, FISHRS, Mauro Speranzini, MD, James A. Harris, MD, FISHRS, Jean M. Devroye, MD, FISHRS, Conradin von Albertini, MD, Ken Washenik, MD, PhD, FISHRS



Awards are presented to WLSW Guest Surgeons.

L to R: Jerzy Kolasinski, MD, PhD, FISHRS, WLSW Co-Chair, Craig L. Ziering, DO, Maria Angelica Muricy, MD, Emorane Lupanzula, MD, Sungjoo Tommy Hwang, MD, PhD, FISHRS, Patrick Mwamba, MD, Arthur Tykocinski, MD, FISHRS and Ken Washenik, MD, PhD, FISHRS, ISHRS President



Polish surgeons recognized at the Finale Conclusion.

L to R: Victoria Ceh, ISHRS Executive Director, Ken Washenik, MD, PhD, FISHRS, ISHRS President, Arthur Tykocinski, MD, FISHRS, WLSW Chair, Jerzy Kolasinski, MD, PhD, FISHRS, WLSW Co-Chair, Wojciech Zielinski, MD, Artur Sandelewski, MD, Malgorzata Kolenda, MD, Slawomir Piertruszko, MD



Moderators receive awards.

L to R: Arthur Tykocinski, MD, FISHRS, WLSW Chair, Ron Shapiro, MD, Russell Knudsen, MBBS, FISHRS, Robert Haber, MD, FISHRS, Bessam Farjo, MBChB, FISHRS, William Rassman, MD, Jerzy Kolasinski, MD, PhD, FISHRS, WLSW Co-Chair, and Ken Washenik, MD, PhD, FISHRS, ISHRS President



World Live Surgery Workshop Faculty Members



Thank you to the many technicians who contributed to the workshop success!

Polish Assistants: Ewa Czerniak, Mariola Reszke, Hanna Rodykow, Malwina Stasiak, Natalia Wojcik. Assistants of the Guest Surgeons: Marie-Pierre Delier, Tina Lardner, Vivian de Mello, Daniela Ravlija, Danielle Rodrigues, Elizabeth Romero. Assistants for ISHRS: Laurie Gorham, Aileen Ullrich (*not pictured*)

2017 WORLD LIVE SURGERY WORKSHOP



ISHRS World Live Surgery Workshop Staff

L to R: Liz Grganto (Meeting Planner), Victoria Ceh (Executive Director), Melanie Stancampiano (Program Manager), Sheri Valskis (Project Manager)



The ISHRS acknowledges the support of the Mayor and the Salus Medical Center President.

Mr. Jerzy Terlecki, Mayor of Polanica Zdrój (photo on the left); Mr. Mateusz Wolfson, President, Salus Centrum Medyczne (photo on the right)



Plan your
2018 meeting
schedule!

2018 Qualifying Meetings for Member Educational Maintenance Requirement

As a reminder, there is an educational maintenance requirement for the membership categories **"Member"** and **"Fellow Member."** This does not apply to membership categories Associate Member, Resident Member, Emeritus Member, or Surgical Assistant Member.



EDUCATIONAL MAINTENANCE REQUIREMENTS

ISHRS Member and ISHRS Fellow Member membership categories must attend one ISHRS-approved meeting every 3 years, otherwise that member will be changed to Associate Member. The impacted member may revert back to their previous category after attendance at an ISHRS-approved meeting.

2018 QUALIFYING MEETINGS

March 8-10, 2018
ISHRS World Live Surgery Workshop: Dubai
Dubai, UAE
www.2018wlswdubai.org

August 2-5, 2018
Hair Transplant 360 Cadaver Workshop
& FUE Hands-On Workshop
St. Louis, Missouri, USA
<http://pa.slu.edu>

October 10-13, 2018
26th World Congress of the ISHRS
Hollywood, California, USA
www.26thannual.org

The qualifying meetings are also listed at
<http://www.ishrs.org/content/list-ishrs-approved-meetings-meet-additional-minimum-educational-requirement>.

Review of the 25th ISHRS World Congress Prague, Czech Republic • October 4–7, 2017

WEDNESDAY/OCTOBER 4

Nina Otberg, MD | Berlin, Germany; Nicole E. Rogers, MD, FISHRS | New Orleans, Louisiana, USA

On Tuesday, the day prior to the start of the 2017 ISHRS World Congress, the ABHRS primary exams and the ISHRS Executive Committee Meeting were held at the Corinthia Hotel in Prague. On Wednesday, courses and workshops began.

Basics Course chair, Dr. Mauro Speranzini (left), teaches a student at the Graft Preparation Station.



William Rassman, Henrique Radwanski, Piero Tesauo, Aman Dua, Jerry Cooley, Edward Ball, and Robert Haber.

The goal of the Basics Course was to teach newcomers in the field the basics of hair restoration surgery. An overview of both FUE and strip surgery was presented. A special focus was put on the importance of learning both strip surgery and follicular unit extraction, and on the importance to avoid donor depletion. The need for thorough patient examination and selection as well as anatomical landmarks of the scalp and the determination of the donor area, anesthesia, and graft holding solution were discussed in detail. Moreover, attendees learned about the possibilities and importance of medical treatment of pattern hair loss and about differential diagnosis and contraindications. The last two lectures of the morning focused on how to get started as a newcomer. The pros and cons of setting up a hair transplant clinic alone or starting by joining an existing clinic were discussed, and the basics of correct photo documentation were taught.

The hands-on training in the afternoon was divided into five different work stations. Attendees were able to practice designing a hairline, strip harvesting, graft preparation, FUE extraction, recipient site preparation, and graft placement on styrofoam heads and artificial tissue.

Drs. Craig Ziering (standing) and Ali Emre Karadeniz, chair and co-chair of the Advanced/Board Review Course, lead discussion in Prague.



the additional course faculty of Drs. Michael Vories, Carlos Puig, Daniel McGrath, Timothy Carman, Gholamali Abbasi, and Márcio Crisóstomo.

The Basics Course was divided in two parts: lectures in the morning and hands-on practical training in the afternoon. The Basics Course was chaired by Dr. Mauro Speranzini, co-chaired by Drs. Steven Gabel and Gregory Williams, and included additional course faculty of Drs.

Russell Knudsen, Nina Otberg,

Attendees were introduced to the process of the ABHRS exam. Basics of hair restoration surgery, such as patient selection and consultation, long-term surgery planning, strip technique, FUE technique, hairline design, medical treatment options, and prevention of further hair loss, were discussed and repeated. In addition, treatment strategies for advanced hair loss, flaps and scalp reductions, special techniques for crown placement, eyebrow transplantation, and transplantation into scar tissue were presented. An important focus was put on emergency situations and complications. The course was completed using three different cases as examples for the oral exam.

A new course offered this year was entitled, "Hair Loss Diagnosis for the Non-Dermatologist." It was organized by Dr. Ricardo Mejia and included a panel of physicians with expertise in diagnosing and treating hair loss disorders besides androgenetic alopecia that included Drs. Ivan Cohen, who spoke about alopecia areata, Nicole Rogers, who discussed cicatricial alopecias, Jennifer Krejci, who spoke about inflammatory scalp disorder/lumps and bumps, Aron Nusbaum, who covered dermoscopy, and Neil Sadick, who discussed diagnosing hair loss in women and PRP. Dr. Mejia wrapped up the discussion with a talk on scalp cancers.

The FUE Mini Course focused on teaching the key concepts and technical aspects of FUE and offered the attendees the opportunity for hands-on experience with different FUE devices. This course was chaired by Dr. Conradin von Albertini and co-chaired by Drs. Patrick Mwamba and David Josephitis. The pros and cons of manual versus motorized punches were discussed. The hands-on training included the use of a manual punch and three different motorized FUE punches (serrated, hybrid, and blunt).

A course on scalp micropigmentation (SMP) taught the concept, techniques, and marketing strategies of SMP. The course was chaired by Dr. Bessam Farjo, and additional faculty included Dr. Carlos Puig, Emma Furlong, and Milena Lardi.

The pre-conference day is traditionally also the day for the surgical assistant workshops. The Surgical Assistant Core Skills Workshop was divided in two parts: 40 minute lectures and a practical hands-on training. The workshop was chaired by Salome Vadachkoria and included the additional faculty of Sara Roberts, Aileen Ullrich, Brandi Watts, Tina Lardner, Anne Knudsen, and MaryAnn Parsley. The lectures focused on hair anatomy and physiology, graft handling (preparation, placement, FUE graft removal), and the use of implanters as well as on the importance and use of microscopes with a special focus on graft quality and staff ergonomics. Attendees had the opportunity to rotate between five workstations: tissue slivering, graft dissection, graft placement, FUE harvesting, and pearls of wisdom.

Students learn about manual FUE from Dr. Patrick Mwamba (left).



The Surgical Assistants Program continued in the afternoon with lectures on graft handling, patient care, and ergonomics. The program was chaired by Emma Vance, co-chaired by Dr. Ken Williams, and included the additional faculty of Anne Knudsen, Marie Pierre Delier, Vivian Cabral de Mallo, Shannon O'Brien, Milos Ognjenovic, Julita Krjewska, Dr. Michael Beehner, Dr. Mario Marzola, Aileen Ullrich, Cheryl Malit, Ilona Schur, Jana Shafer, Biljana Djordjevic, Katarzyna Konczalik, Sara Roberts, Brandi Watts, Tina Lardner, Salome Vadachkoria, Diana Carmona, Laureen Gorham, and Putrina Figueira. The workshop started with video presentations of different hair transplant clinics from Australia, Belgium, Brazil Canada, Germany, and Poland. The afternoon continued with different lectures on graft survival, focusing on preparation and placing techniques as well as holding media, patient care, ergonomics, and trichology. The workshop concluded with case discussions (quality control and interesting surgical cases).

THURSDAY/OCTOBER 5

Thomas W. Chu, MD **I** *Detroit, Michigan, USA*

Celebrating the ISHRS's Silver Jubilee, the 25th World Congress commenced with a warm welcome by Program Chair Jean Devroye. President Ken Washenik then gave his opening remarks, informing us that every two years the ISHRS performs a Practice Census Survey. According to the most recent survey, the ISHRS has undergone an expansion as the total market size for hair transplantation has increased 64% over the past 2 years, with total revenue increasing from \$2.5 to \$4.1 billion dollars per year. That 635,000 hair transplantation (HT) procedures were performed speaks to the success of our specialty and the satisfaction of our patients. Dr. Washenik reminded us that our journal, *Hair Transplant Forum International*, which is published every two months, is a "jewel" for the exchange of new ideas.

Dr. Dow Stough, ISHRS co-founder, welcomes attendees to the Silver Jubilee 25th World Congress.



Our next speaker was Dr. Dow Stough, co-founder and first president of the ISHRS, who was at the inaugural meeting in Dallas in 1993. He opened with a question: Why should you care about what happened 25 years ago at the initial ISHRS meeting in Dallas, Texas?" And he followed with

an answer: Because a group of pioneers from incongruous specialties, misfits to the medical establishment, broke new grounds and old rules. The founding members "pledged allegiance to no one, but dedicated themselves to hair restoration surgery." These surgeons, dermatologists, and even psychiatrists were in the Wild West (Dallas, Texas!). There was an energy at that meeting and a realization that no hair transplant surgeon is a lonely island, but that everyone is part of a continent, a piece of the Main, or more aptly, the Mane. The society's first meetings included workshops, didactic teaching, and international forums on hair restoration, and were among the first to bring live patient demonstration to general session meetings. The ISHRS has been built upon education, research (very difficult to conduct for hair),

and collegiality that consists of an international coalition, an esprit de corps, evident even at that initial meeting. Dr. Stough reminded us of a fourth reason why we do what we do: that SMILE on a patient's face.

Next, Dr. Devroye chaired a session that provided an overview of the preceding three days at the 2017 World Live Surgery Workshop (WLSW), which was held in Polanica, Poland, on follicular unit extraction (FUE). We were presented with a video compilation of various techniques demonstrated at the workshop by Drs. Arthur Tykocinski, Jerzy Kolasinski, James Harris, Mauro Speranzini, Robert True, and Conradin von Albertini. Dr. Kolasinski, co-chair of the 2017 WLSW, presented notable before-and-after cases. Dr. von Albertini, the future co-chair for the 2018 WLSW at Dubai, was anything but the humorless Swiss guy he said he was, and analogized the various FUE methods to the tools on a Swiss army knife. There is no one tool that fits all, just as there is not only one way to do FUE.

To clarify the ongoing FUE-punch debate, Dr. True led a study that analyzed graft characteristics and follicular transection rate from different types of FUE modalities, such as sharp, blunt, or hybrid punches, as well as robotic, motorized, or manual devices. It is worthy to note that some comparisons were made from the same patients as they underwent different types of FUE procedures on different days. His team collected 100 grafts from each surgeon at the live surgery demonstration, and out of those he sampled 25 grafts to photograph and analyze for various graft characteristics. He also collected transection rates for all the cases. He presented some preliminary findings and we look forward to the final published results. One can easily agree with Dr. Jim Harris when he said that it may not matter what type of punch and devices one uses, but that a proper technique must be used with deliberate care to minimize transection rates and most of all to respect the donor area and the aesthetic principle.

After a brief coffee break, we returned to the Hair Biology symposium, moderated by Dr. Francisco Jimenez. Dr. Claire Higgins, who trained with Dr. Colin Jahoda, gave us an overview of the current understanding of hair follicle formation with the dermal papilla as a command center that induces HF regeneration in the hair cycle. However, the in vitro cultured dermal papilla loses its inductive property, and therein lies the challenge of cloning HF from dermal papilla—the Holy Grail of hair research. On the other hand, Dr. Ralf Paus took a different approach. He believes that de novo folliculoneogenesis is too complex and commercially unfeasible to achieve at this time. The goal should be to use drugs to reverse the miniaturized hair ALREADY present and not creating new ones out of thin (h)air. Thomas Dawson saw the world of hair research divided into two camps: the Live Hair Club, focusing on the hair follicle, and the Dead Hair

Dr. Ralf Paus speaks about strategies to reverse hair miniaturization as part of the Hair Biology Symposium session.



Dr. Tom Dawson encourages conversation between those who study hair follicles and hair shaft characteristics.



and eponymous to THE classification. Dr. Van Neste spoke on initiation and modulation of hair growth with medical treatment and he elucidated the various current medical

Dr. Dominique Van Neste answers questions about his Norwood Lecture.



none of which conform to the ideal study design, which should include a large sample size that is randomized with no confounding factors. Dr. Jennifer Martinick showed us examples of spin doctors currently conducting the great cosmeceutical masquerade.

Dr. Harris moderated the session on FUE news. Dr. Maria Muricy presented FUE mega sessions (3,000 FUs in a day) as her first-choice procedure. Dr. Georgios Zontos, using advanced imaging, quantified transected grafts in three patients and found 65-100% regeneration. Dr. Harris also showed us his method of using hair mass index to guide FUE harvesting. Dr. Jae-Hyun Park studied 48 patients and observed 5 types of injuries in FUE. He concluded that FUE grafts are subject to injuries that do not occur in the strip harvest technique. Rounding up the session, Dr. Marie Schambach showed us the non-shaved FUE.

The last two sessions of the day delved further into the actual practice of FUE hair transplantation procedures: corrective procedures, moderated by Dr. Henrique Radwanski, and novel approaches to FUE, moderated by Dr. Harris. The last event of the day was a welcome reception where we met up with colleagues and old friends.

FRIDAY/OCTOBER 6

Nina Otberg, MD | Berlin, Germany; Chiara Insalaco, MD, PhD | Rome, Italy

Friday started with an hour of table discussions. Attendees had the opportunity to visit 39 different tables covering various aspects of hair restoration surgery. Each table had one or two table leaders with a special expertise in the field of discussion. Attendees were encouraged to visit different

Club, focusing on hair shaft (cosmeceuticals). He advocated for more dialogue between the two camps. The session ended with a lively Q&A and panel discussion.

Next, Dr. Sharon Keene moderated the general session on innovation and research.

Dr. Dominique Van Neste presented the Norwood Lecture, which was established in honor of Dr. O'Tar Norwood, the co-founder of the ISHRS

and eponymous to THE classification. Dr. Van Neste spoke on initiation and modulation of hair growth with medical treatment and he elucidated the various current medical treatments for hair loss. In her presentation on interpreting research results on emerging therapies, Dr. Keene admonished us not to be misled—to assess conflicts of interests and to peruse all data points if available. Dr. Harris presented current studies on platelet rich plasma (PRP) for hair growth,

tables, to ask questions, and to stimulate discussion.

I visited the table led by Dr. Chinmanat Tangjaturonrusamee on dermoscopy. We discussed different dermoscopy devices and the use of dermoscopy in the everyday hair clinic and in hair transplant consultations. Dr. Tangjaturonrusamee showed a lot of impressive clinical and dermoscopic pictures on her laptop, and she explained differential diagnosis.

The rest of the day was divided into 1-hour lectures in the morning and 1-hour lectures in the early afternoon, two blocks with 1.5-hour workshops in the morning and in the afternoon, and 1-hour poster session in the afternoon.

The morning lectures, moderated by Dr. Edwin Epstein, covered treatment options for androgenetic alopecia. Dr. Ken Washenik gave an overview of different treatment options and what's on the horizon and an update on the Post-Finasteride Syndrome controversy. Dr. Robert Haber introduced a study designed to find out the true incidence of sexual side effects under oral treatment with finasteride, and Dr. Epstein discussed the use, benefit, and possible side effects of topical finasteride. Attendees had the chance to choose between several morning workshops.

Workshop 101, "Female," focused on hair loss problems in women and special aspects of hair restoration and especially hairline design in women. (Workshop director: Dr. Paul Cotterill; additional faculty: Drs. Jeffery Epstein, Gorana Kuka-Epstein, Soohoo Park, Nicole Rogers, Alexandros Seidatan, and Seungkyu Shin.)

Workshop 102, "Difficult Cases," focused on problem cases such as burn victims, primary cicatricial alopecias, and extensive hair loss and different techniques how to address these problems, such as tissue expanders and flaps. (Workshop director: Dr. Sara Wasserbauer in place of Dr. Paul Rose; additional faculty: Drs. Gholamali Abbasi, Fernando Basto, Emorane Lupanzula, Anastasios Vekris, and Carlos Velasco de Aliaga.)

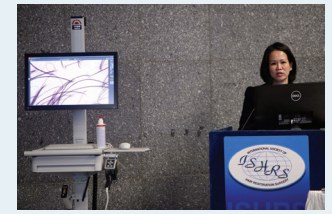
Workshop 103, "Dermoscopy," focused on the use of dermoscopy to diagnose different hair diseases and on its use in hair transplant consultations. Different devices were presented and discussed. Attendees had the opportunity for hands-on experience with the folliscope and fotofinder. (Workshop directors: Dr. Nina Otberg and Antonella Tosti; additional faculty: Drs. Alessandra Juliano, Ratchathorn Panchaprateep, and Chinmanat Tangjaturonrusamee.)

Workshop 104, "Storage Solutions & Bioenhancements," presented and discussed different additives, such as ATP, HypoThermosol, autologous plasma, and PRP, as a possibility to enhance graft survival and treatment outcome. (Workshop director: Dr. Jerry Cooley; additional faculty: Drs. Anil Garg and Calos Wesley.)

Discussion Table topics.



Dr. Tangjaturonrusamee presents one of many dermoscopic devices.



Attendees participate in one of many workshops offered on Friday.



Young Kim, Moonkyu Kim, Jae-Hyun Park, William Rassman, and Antonio Ruston.)

The afternoon lectures, moderated by Dr. Bradley Wolf, covered technical aspects of graft placement techniques and recipient area design and long-term planning. Faculty included Drs. Antonio Ruston, Kavish Chouhan, Sebastián Yriart, and Robert True. Attendees also had the chance to choose between several afternoon workshops.

Workshop 111, “Transgender and Eyebrows,” provided a wonderful overview on male and female body aesthetics, on the physical and psychological complexity of gender changes, and on different aspect of hair restoration surgery in transgender patients presented by Dr. Tony Mangubat. The second half of the workshop focused on eyebrow transplantation. A discussion was raised on the ideal extraction technique, general design principles, and a combination with permanent makeup. (Workshop directors: Drs. Marco Barusco and Antonio Mangubat; additional faculty: Drs. Jeffery Epstein, Hanieh Erdmann, and Henrique Radwanski.)

Workshop 113, “FUE Robotic-Assisted,” focused on the history and new developments in robotic hair restoration surgery. (Workshop director: Dr. Robert True; additional faculty: Drs. Robert Bernstein, Bessam Farjo, James Harris, Juan Maldonado, Paul Rose, Ken William, Craig Ziering, and Gabe Zingaretti.)

Workshop 114, “SMP,” focused on practical and technical aspects of scalp micropigmentation. (Workshop director: Dr. Timothy Carman; additional faculty: Dawn Forshaw, Milena Lardi, William Rassman, Antonio Ruston, and Ronald Shapiro.)

Workshop 115, “PRP,” was one of the most requested and attended workshops. (Workshop co-directors: Drs. Robin Unger and Carlos Puig; additional faculty: Drs. John Cole, Aditya Gupta, and Chiara Insalaco.) The use of concentrated platelets in regenerative medicine is an international consolidated technique and has led to an increase of studies and application in different medical fields with the goal of stimulating the tissue proliferation and the healing of damaged tissues. The workshop was very interactive. The main goal of the faculty was to exchange knowledge and practical techniques. Every aspect was discussed, such as to activate or not to activate the PRP, the method of injection, the frequency of the treatment, and the possible side effects. The message that the directors and the faculty wanted to give is that we don’t have an objective and standardized protocol, so there is not yet a right way or a wrong way to perform the PRP treatment. What is important instead is the use of good devices that produce a working PRP with the right amount of platelets (not less than 1 million/ μ l). Dr. Unger showed her great results with female patients. Drs. Insalaco and Cole talked about the study they

Workshop 105, “Implanters,” focused on the use of and the advantages and disadvantages of different kinds of implanters. (Workshop director: Dr. Mauro Speranzini; additional faculty: Drs. Conradin von Albertini, John Cole, Vance Elliott, Sungjoo (Tommy) Hwang, Dae

conducted over these past two years using a new method of activation, the sonication. The study they presented is the first one about the use of ultrasound to produce a pure PRP. Dr. Puig made an important introduction about the meaning of PRP and growth factors. Dr. Gupta presented all scientific studies about PRP versus placebo. Each one discussed the way they produce the PRP, and it was interesting to see how each had a different way to do it, but in the end, all had good results. The PRP topic is a very important subject, and we need further studies and hopefully a standardized protocol.

SATURDAY/OCTOBER 7

Henrique N. Radwanski, MD | *Rio de Janeiro, Brazil*

My morning began at the Implanter Session, directed by Dr. Mauro Speranzini. Due to high demand, this was its second version; the room was crowded with over 60 attendees. Dr. Speranzini began with a summary of a survey he took of 20 experts, showing the high popularity of this method of implantation when dealing with FUE grafts. Dr. Tommy Hwang described the evolution of the different types of implanters.

Next, each speaker dedicated their talk to specific issues regarding implanters. Dr. Conradin von Albertini showed his results from a study undertaken to assess injury to the grafts due to manipulation. He noted that no injury occurs in the loading phase, and only rarely from placing. His conclusion: implanters are very safe. Dr. Jae Park also explained how to avoid graft injury using sharp implanters. Next, Dr. Speranzini cited the advantages of using dull needle implanters (DNI): smaller sites, shorter learning curve, and the possibility of delegating part of the surgical procedure. Dr. Bill Rassman showed us his technique using the simple and inexpensive EZ graft implanter. Drs. Vance Elliott and Moonkyu Kim each emphasized why implanters are safer than forceps when dealing with FUE grafts. Finally, Dr. Tony Ruston introduced the KEEP system. He claimed it speeds up the implantation while resulting in earlier growth.

The general session began with a colorful introduction by Dr. Ken Washenik on CARF—the Cicatricial Alopecia Research Foundation—followed by a presentation on cicatricial alopecia by Dr. Antonella Tosti. An intriguing question was posed: Is there an environmental agent behind the growing number of frontal fibrosing alopecias?

The next session was moderated by Dr. Marcelo Pitchon, and four speakers, Drs. Ricardo Lemos, Akaki Tsilosani, Abdio Lemos, and Otavio Boaventura, presented their approach to Preview Long Hair (PLH) transplantation.

The Live Patient Viewing Session allowed us to observe results in over 20 patients, almost all of whom underwent the FUE procedure.

Following lunch, we returned to the auditorium for a “pot-

Dr. Antonella Tosti presents about the increasing incidences of Cicatricial Alopecia.



pourri” session moderated by Dr. Michael Beehner. Topics included use of topical anesthesia (Dr. Arvind Poswal), operative

risk and safe surgery (Dr. Kuniyoshi Yagyu), reducing facial edema (Dr. Bertram Ng), and follicular niche stimulation using adipose tissue (Dr. G. Kuka-Epstein).

A final and very dynamic session was dedicated to the discussion of when strip surgery is superior to FUE. Dr. Russell Knudsen stressed the importance of donor area preservation, and how a single linear scar might be preferable in certain patients. Dr. Paul McAndrews did some interesting mathematics, concluding that after three sessions (FUT vs FUE), the total area of scar tissue might sum up to 17x in the extraction procedure! Drs. Arthur Tykocinski and Sara Wass-

erbauer wrapped up the session with their approach using strip harvesting, and how they feel this is the best procedure in selected patients.

The last hour of the meeting, moderated by Drs. Knudsen and Ron Shapiro, was dedicated to discussing the highlights of the event.

The memorable Silver Jubilee Meeting of the ISHRS was over! The night closed with the Gala Dinner & Awards Ceremony at the Municipal House where elegant people celebrated the spirit of collegiality and friendship that has been the very essence of ISHRS events. ■

Dr. Russell Knudsen moderates a discussion about the advantages of strip surgery over FUE



ALERT REGARDING MISLEADING AND IMPROPER MESSAGING

ISHRS members are expected to avoid what can be universally considered as misleading and improper messages. The following are considered misleading and improper.

The International Society of Hair Restoration Surgery (ISHRS) understands the importance of the public being informed about hair restoration surgery and the causes and scientifically proven therapies for hair loss, and recognizes many patients are misled by false or confusing messages marketed by hair restoration surgeons.

Accordingly, the ISHRS developed the Improper Messaging list below to: (i) help protect patients seeking hair restoration surgery by providing a list of items that should raise red flags; and (ii) help its members avoid prohibited, improper, potentially misleading, and/or confusing messages and advertisements.

IMPROPER MESSAGING

- A. **Misrepresenting Credentials and Violating Intellectual Property Rights.** The following publications are fraudulent, mislead the public, and violate various state and federal laws:
 1. **Inaccurate Credentials.** Incorrectly claiming to be certified by the American Board of Hair Restoration Surgery (“ABHRS”) or claiming to be a member or Fellow of the ISHRS, and otherwise stating or suggesting any expertise in hair restoration surgery that is false.
 2. **Misrepresenting Photographs.** Publishing photographs of other physicians’ patients in any manner that states or suggests they are patients of the publishing practice.
 3. **Copyright/Trademark Violations in General.** Republishing or otherwise representing the photographs, publications, tradenames, logos, or other trademarks of another practitioner without permission in violation of the owner’s copyrights and/or trademarks.
 4. **ISHRS Trademark Violations.** Republishing or otherwise representing the ISHRS’s photographs, publications, name, logos and other trademarks in any manner inconsistent with the ISHRS’s Trademark Use Policy (e.g., use of Fellows Logo by non-Fellow members; use of Members Logo by anyone other than Full Members; any individual using the ISHRS’s Logo).
- B. **Improper Use of Staff.** The following practice may mislead the public and violate various state and federal laws.
 5. **Unauthorized Practice of Medicine.** Unlicensed, non-physicians performing surgical procedures.
 6. **Lack of Informed Consent.** Non-physicians participating in hair restoration procedures without the patient’s informed consent.
- C. **Misleading Language.** Use of the following terms and phrases in marketing by a hair restoration surgeon may mislead the public and violate various state and federal laws.
 7. “Scarless surgery”
 8. “No incision”
 9. “No touch”
 10. “No cutting”
 11. “Cloning”
 12. “Hair multiplication”
 13. “Non-invasive”
 14. “Eliminates the need for additional procedures”
 15. “Pain free”

**Members:
Check your
websites!**

CONGRATULATIONS FISHRS CLASS OF 2017!

Gholamali Abbasi, MD, FISHRS
Jerry Cooley, MD, FISHRS
Aman Dua, MBBS, MD, FISHRS
Andreas Finner, MD, FISHRS
Anil Garg, MBBS, MS, MCh, FISHRS
Moonkyu Kim, MD, PhD, FISHRS
Ratchathorn Panchaprateep, MD, PhD, FISHRS

Tania Pauls, MD, FISHRS
Alba Reyes, MD, FISHRS
Kayihan Sahinoglu, MD, FISHRS
Sanusi Umar, MD, FISHRS
Conradin von Albertini, MD, FISHRS
Georgios Zontos, MD, MSc, PhD, FISHRS



Since 2012, 118 members have earned the designation Fellow of the ISHRS, with the privilege to use the prestigious acronym "FISHRS" behind their name.

FISHRS was established to recognize members who meet exceptional educational criteria. In order to be considered, the hair restoration surgeon must accumulate a specific number of points in a system of various educational parameters that includes such accomplishments as serving in leadership positions, receiving American Board of Hair Restoration (ABHRS) certification, writing scientific papers, or teaching at scientific programs, among others.

It is a great honor for a member to achieve the FISHRS designation. This recognizes the surgeon who strives for excellence in this specialized field. To maintain this status, the surgeon must continue to meet established educational criteria over time.

We encourage all Physician Members to consider applying for Fellow status.

Qualifications and process can be found in the Members Only section of ISHRS website at:
<http://www.ishrs.org/members-only/ishrs-fellow-category>

The full list of Fellows may be found at:
<http://www.ishrs.org/content/fellows-fishrs-international-society-hair-restoration-surgery>

VALUE-ADD for ISHRS Members

PRAGUE WORKSHOPS RECORDED FOR MEMBERS TO VIEW

At the Prague Congress, there were 14 workshops organized by Drs. Sara Wasserbauer, Workshops Chair, and Jean Devroye, Program Chair.

When there are concurrent workshops covering so many wonderful topics, it is often difficult to decide which ones to attend. As a solution, five of the topics were repeated at the meeting and offered on two occasions. Further, we recorded the Workshops at the Prague World Congress and are making them available online after the meeting so members have the opportunity to view a single workshop or all of them.

This is a value-add for all ISHRS Physician members. There is no extra charge and is offered as an additional benefit of being an ISHRS member.

To view, go to the Members Only section of www.ishrs.org.

It is easy to navigate; simply click on the lectures or discussions you would like to view. Watch from your computer, tablet, or phone.

TOPICS

Female Difficult Cases / Dermoscopy / Storage Solutions & Bioenhancements / Implanters / Transgender & Eyebrows / FUE Robotic-Assisted / SMP–Scalp Micropigmentation / PRP–Platelet Rich Plasma





Celebrating Its 25th Year: A Look Back to Where It All Began



It has been a delightful experience to reflect on the first 25 years of the ISHRS and a privilege to communicate with so many pioneers and legends of our specialty. We are lucky to have the firsthand memories of so many who were there at the beginning. Thanks to all who have contributed. —BW

.....

Robert S. Haber, MD, FISHRS | *Beachwood, Ohio, USA*

Hard to believe at times that 25 years have elapsed since my first ISHRS meeting. My career began at the same time as the ISHRS, and we have both matured during that time. The parallels are myriad, for as the society has grown in members, so have my friendships. As the pendulum has swung between scalp reductions, strips, and FUE, so has my practice. And as the society has matured, I think so have I. Without question, the most memorable meeting location was Australia. I closed my practice for three weeks so I could visit properly, and did not regret doing so. The most controversial event was in Barcelona, when very strong words were exchanged by two well-respected members regarding the role of scalp reduction in our practices. Time established the “winner” of that exchange!

I have never even come close to missing a meeting. I schedule my entire year around them, and only a tragedy will keep me from attending in the future. Ironically, our success is also a problem. We pat ourselves on the back whenever a new attendance record is set, but personally I miss the smaller, more personal meetings, when it was possible to mingle with everyone. I hope whatever the future brings to the ISHRS, it remains able to create and foster the extraordinary deep international friendships that marked its earliest years.

.....

Bobby L. Limmer, MD, FISHRS | *Llano, Texas, USA*

The formative meeting of 1993 set in motion a process of international cooperation that has exceeded the expectations of many of us who attended. The sharing of experience and science through the ISHRS meetings did not exist in such a major way prior to that meeting. Textbooks, visitation to practitioner’s offices, personal communications, and occasional “World Congresses” constituted the sharing of experience and methods before 1993. All of us owe a debt of gratitude to Drs. O’Tar Norwood and Dow Stough who initiated that meeting and funded the substantial payment to reserve the Grand Kampinski site with their personal funds with no assurance of any preregistration. Thank you, O’Tar and Dow, from all of us.

The meeting brought together many, but certainly not all, who had practices that included hair transplantation. The most numerous among us were dermatologists who included hair restoration as part of a dermatology practice,

but there were many other specialties present. The group practices of Bosley and Medical Hair Restoration had members in attendance and a number of international practitioners were present. There was some jockeying for positions, power, prestige, and office— what else would you have expected in that? Those who entered the field of hair restoration after 1993 might not know that the collegiality and sharing characterizing the ISHRS was not so prevalent prior to the ISHRS. Competition, ego, and inflexible positions on specific procedures not uncommonly led to contentious confrontations at meetings, a phenomenon we seldom see today. While we may not agree on any number of issues, we have learned to let time and science sort it out, and we have an educational forum in the ISHRS to facilitate those exchanges. “Show me the science” should always remain our operating guide. As O’Tar stated, “There are few things so powerful as an idea whose time has come,” and 1993 was such a time from which we have all reaped great rewards.

.....

Robert H. True, MD, FISHRS | *New York, New York, USA*

I attended the first ISHRS meeting in Dallas in 1993. I had started doing hair restoration surgery three years before and my training was on the job and textbooks. I was excited to have the opportunity to be part of a “learning community” of my peers. In that first meeting, I heard lectures from many luminaries in the field including Dr. O’Tar Norwood. Dr. Norwood was a wonderful teacher. I gave a presentation at that meeting. It was a nerve-wracking experience for me; I wanted to give a good presentation and share something of value. I hoped I had, but was not certain.

I presented again the next year in Toronto and also the following year in Las Vegas and still wondered how my presentations were being received. In Las Vegas, I was sitting in the audience after my presentation and Dr. Norwood sat down next to me. He leaned over and told me that he had appreciated my presentation, saying he liked both the way I gave it and the content. He asked me about myself, my background, my family. He encouraged me to keep doing more observation and investigation and to publish and present my results. He said he was looking forward to my contributions. What a difference that conversation made to me! I was humbled and honored by his act of kindness, but I also felt a sense of reassurance that I was on the right track. I don’t

know if O'Tar even recalls the conversation, but I certainly will never forget it. Those few minutes changed my life.

Every meeting after that, I made a point of paying attention to new attendees. If I found their presentation interesting, I would go up to them and speak with them privately, thank them for their presentation, and welcome them to the society. I also volunteered for the Newcomers program every year since it was started. Through these encounters I established and have maintained long-term mentoring and collegial relationships with young colleagues from around the world. They have shared their cases and questions with me and as time has gone along, they have become bright lights in our professional community and I am learning from them.

This spirit of mutual support and encouragement is one of the greatest part of our society. For me this kind of sharing and support is the greatest aspect of the ISHRS. Thank you, Dr. Norwood.

.....

Walter P. Unger, MD | *Toronto, Ontario, Canada*

When Brad Wolf asked me to share some of my recollections from the 1993 meeting of the then "American Society of Hair Restoration Surgery" (ASHRS), I sadly found myself unable to remember any specific moment or moments despite trying to for over a week! However, I had no difficulty

remembering my general feelings about the meeting, which I found by far the most exciting one that I had ever gone to. So many attended, so many subjects were discussed, the discussions were so unusually "balanced"(!) between proponents and the "unconvinced" and so much information was therefore so thought-provoking!

I had not been one of the founders of the organization, but I came away one of its staunchest supporters. Most of you reading this were probably not there, but those of us who were there had been immersed in many quandaries that arose in the prior approximately 5 years: the pros and cons of "alopecia reductions"; tissue expansion; the new "follicular unit transplanting"; "megasesions" of over 1000!! grafts in a single(!!!) session; whether recipient area incisions should be "slits", "holes," or "slots" made with needles, punches, or lasers; were some women(!!) actually acceptable candidates for hair transplanting?; and on and on with other ideas. The 1993 meeting addressed them all—from the stage or in the halls of the meeting—and the ASHRS, today known as the International Society of Hair Restoration Surgery (ISHRS), continued to do the same. Those of you who were not there will never know just how lucky you are that we have the ISHRS, and I write this to remind you of that. My "hat goes off" to all the annual program chairs of the ISHRS since its inception, and all others who work so diligently every year to keep us up-to-date. ■



Hair Transplant Instruments

For the past 12 years, Ertip Medical has been a leading company for hair transplant and surgical instruments. Our FUE Motorised System helps improve FUE technique. We are CE certified and produce Sharp/Dull FUE motorised or manual punches. We aim to provide our customers with excellent service.

Ertip offers a basic Must Need Set or a Full Set for hair transplantation and specials for wholesalers. We offer fast, worldwide delivery service.

Ertip Medical instruments are

- ★ Made using the latest technology
- ★ Of the highest quality, and
- ★ Budget-friendly.

Check out our full product line online!



For more details about our instruments,
Halide Edip Adivar Mah. Akar Cad. No:38
Sisli 34382 ISTANBUL TURKEY

call us at +90 212 210 3220 & GSM +90 507765 6095

or visit our website at www.ertipmedical.com

Congratulations to the 2017 World Congress Planning Committee!

2017 World Congress Planning Committee

Jean M. Devroye, MD, FISHRS, Chair
 Craig L. Ziering, DO, FISHRS, Advanced/Board Review Course Chair
 Ali Emre Karadeniz, MD, Advanced/Board Review Course Co-Chair
 Mauro Speranzini, MD, Basics Course Chair
 Steven P. Gabel, MD, FISHRS, Basics Course Co-Chair
 Gregory Williams, MBBS, FISHRS, Basics Course Co-Chair
 Arthur Tykocinski, MD, FISHRS, Live Surgery Workshop Chair
 Jerzy R. Kolasinski, MD, PhD, FISHRS, Live Surgery Workshop Co-Chair
 Francisco Jimenez, MD, FISHRS, Live Patient Viewing Chair
 Conradin von Albertini, MD, Live Patient Viewing Co-Chair
 Konstantinos Anastassakis, MD, PhD, M&M Conference Chair
 Robert T. Leonard, Jr., DO, FISHRS, Newcomers Chair
 Emina Vance, Surgical Assistants Chair
 Ken L. Williams, Jr., DO, FISHRS, Surgical Assistants Co-Chair
 Sara M. Wasserbauer, MD, FISHRS, Workshops Chair
 Marcelo Pitchon, MD, Immediate Past Chair
 Marco Barusco, MD, FISHRS, Committee Member
 Anil Garg, MBBS, MS, MCh, Committee Member
 Dae-Young Kim, MD, PhD, FISHRS, Committee Member
 Emorane C. Lupanzula, MD, Committee Member
 Maria A. Muricy, MD, Committee Member
 Paul T. Rose, MD, JD, FISHRS, Committee Member
 Bradley R. Wolf, MD, FISHRS, Committee Member



President Ken Washenik congratulates Jean Devroye for his efforts in chairing the 2017 World Congress.



Members of the 2017 World Congress Committee

L to R: Maria Muricy, Emina Vance, Executive Director Victoria Ceh, Konstantinos Anastassakis, Robert Leonard, Sara Wasserbauer, Marcelo Pitchon, Bradley Wolf, Francisco Jimenez, Greg Williams, Conradin von Albertini, Jean Devroye, Mauro Speranzini, Jerzy Kolasinski, Emorane Lupanzula, Arthur Tykocinski, Ken Williams, Ali Emre Karadeniz, Steven Gabel, President Ken Washenik



The many technicians who participated on the Course Prep Team

THANK YOU to the 2017 Course Prep Team and their Physicians! Diana Carmona of Dr. Timothy Carman's office; Brandi Watts of Dr. Jerry Cooley's office; Shannon O'Brien of Dr. Vance Elliott's office; Sara Roberts, Sam Gaffey, Arita Kastrati, Jo Beth Rhoden-Brown and Sonia Sidhu of Dr. Bessam and Nilofer Farjo's office; Aileen Ullrich of Dr. Steven Gabel's office; Tina Lardner of Dr. Jim Harris' office; Anne Knudsen of Dr. Russell Knudsen's office; Emina Vance of Dr. Sam Lam's office; Biljana Djordjevic of Dr. Michael May's office; Putrina Figueira of Dr. Nicole Rogers' office; Cheryl Malit and Charlotte Mejia of Dr. Robin Unger's office; Salome Vadachkoria of Dr. Vazha Vadachkoria's office; Lil Carr and MaryAnn Parsley of Dr. Mark Waldman and William Parsley's office; Laurie Gorham of Dr. Ken Washenik's office and Ilona Schur of Dr. Georgios Zontos' office.



ISHRS Meeting Staff

L to R: Jule Uddfolk (Meeting & Exhibits Manager), Melanie Stancampiano (Program Manager), Davin Ayarzagotia (Administrative Coordinator), Victoria Ceh (Executive Director), Amy Hein (Meeting Planner), Katie Masini (Membership Manager & Registrar), Kimberly Miller (HQ & Administrative Manager). Not pictured: Sheri Valskis (Project Manager)

ISHRS Leadership & Committees

25 SILVER JUBILEE

October 4-7, 2017 / Prague, Czech Republic



ISHRS 2016-2017 Board of Governors

Front Row, L to R: Arthur Tykocinski, Sungjoo Tommy Hwang, Ken Washenik, Kuniyoshi Yagyu, Francisco Jimenez, Victoria Ceh (Executive Director).

2nd Row, L to R: Nilofer Farjo, Melvin Mayer, Robert Leonard, Kapil Dua.

3rd Row, L to R: Paul McAndrews, Marcelo Pitchon, Robert True, Sharon Keene.

Back Row L to R: Jean Devroye and James Harris.



Global Council of Hair Restoration Surgery Societies



ISHRS 2016-2017 Executive Committee

L to R: Arthur Tykocinski, (Treasurer), Sungjoo Tommy Hwang (Vice President), Ken Washenik (President), Kuniyoshi Yagyu (Immediate Past President), Francisco Jimenez (Secretary).



ISHRS Past Presidents and Victoria Ceh

Executive Director Victoria Ceh being celebrated by the ISHRS Past Presidents for approximately 20 years of service to the ISHRS. L to R: Ken Washenik, Russell Knudsen, Paul Straub, Kuniyoshi Yagyu, Carlos Puig, Sheldon Kabaker, Bessam Farjo, Victoria Ceh, Mario Marzola, Daniel Rouso, Robert Haber, E. Antonio Mangubat, Vincenzo Gambino, Sharon Keene, Jennifer Martinick, William Parsley, Jerry Cooley, Paul Cotterill, Robert Leonard, Edwin Epstein.

2017 Research Grant Recipients

Congratulations to the 2017 Research Grant recipients!



Sexual Dysfunction Among Finasteride Users and Non-user Controls. A Multi-center Office Based Population Study

Robert S. Haber, MD, FISHRS



Transcriptomics to Promote Hair Induction

Gregory Williams, MBBS, FISHRS (pictured), Claire A. Higgins, PhD

Growth Characteristics of Paired and Unpaired Micrografts in FUT Using a Semisolid Medium Based In Vitro Assay

Walter Krugluger, MD, Markus Horacek, MD, Karl Stiefsohn, MD, Karl Moser, Claudia Moser, Katharina Laciak



Use of Cell-Enriched Emulsified Adipose-Derived Tissue Stromal Vascular Fraction in Treating Scarring Alopecia and/or Alopecia Areata

Ken L. Williams, Jr., DO, FISHRS (pictured), Robert W. Alexander, MD, DMD, Robert Niedbalski, DO, FISHRS, Marco Barusco, MD, FISHRS, Ryan Welter, MD, PhD



Functional Genetic Variants in the 3'-Untranslated Region of Sulfotransferase Isoform 1A1 (SULT1A1) and Their Effect on Minoxidil Applications for the Treatment of Hair Loss

Anastasios Vekris, MD (pictured), Georgios Emmanouil, Aggeliki Rapti

2017 Awards and Recognition



2017 GOLDEN FOLLICLE AWARD EDWIN S. EPSTEIN, MD, FISHS

For outstanding and significant clinical contributions related to hair restoration surgery



2017 PLATINUM FOLLICLE AWARD JEAN M. DEVROYE, MD, FISHS

For outstanding achievement in basic science or clinically-related research in hair pathophysiology or anatomy as it relates to hair restoration



2017 DISTINGUISHED ASSISTANT AWARD ANNE KNUDSEN, RN

Presented to a surgical assistant for exemplary service and outstanding accomplishments in the field of hair restoration surgery

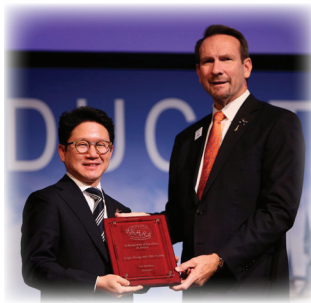


OFFICER & OUTGOING BOARD MEMBERS

Dr. Ken Washenik accepts the President's Award from Dr. Kuniyoshi Yagyu, Immediate Past President.



Dr. Arthur Tykocinski accepts a plaque for his service as Treasurer (2015-2017).



Dr. Sungjoo Hwang accepts a plaque for his service as Vice President (2016-2017).



Dr. Ken Washenik thanks Dr. Robert Leonard, Jr. for his service as a Past President on the Board of Governors, 2015-2017.



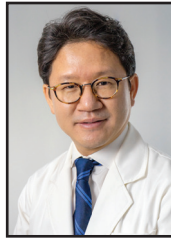
LAST MAN STANDING CLUB RECEIVES 25 YEAR PINS!

L to R: Paul Cotterill, Mario Marzola, Paul Straub, Ivan Cohen, John Gillespie, Bessam Farjo, Bob Haber, Russell Knudsen, Bob Leonard, Ed Epstein

2017–2018 ISHRS Board of Governors



Congratulations to the 2017–2018 ISHRS Board of Governors!



President
Sungjoo Hwang, MD, PhD, FISHRS
Seoul, Korea
Term expires: Oct. 2018



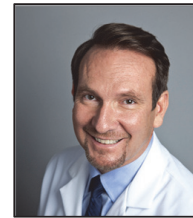
Vice President
Arthur Tykocinski, MD, FISHRS
São Paulo, Brazil
Term expires: Oct. 2018



Secretary
Francisco Jimenez, MD, FISHRS
Canary Islands, Spain
Term expires: Oct. 2018



Treasurer
Paul J. McAndrews, MD, FISHRS
Pasadena, CA, USA
Term expires: Oct. 2019



Immediate Past President
Ken Washenik, MD, PhD, FISHRS
Beverly Hills, CA, USA
Term expires: Oct. 2018



Jean M. Devroye, MD, FISHRS
Brussels, Belgium
1st Term expires: Oct. 2018



Kapil Dua, MBBS, MS, FISHRS
New Delhi, India
1st Term expires: Oct. 2019



Nilofer P. Farjo, MBChB, FISHRS
Manchester, United Kingdom
1st Term expires: Oct. 2018



James A. Harris, MD, FISHRS
Denver, CO, USA
2nd Term expires: Oct. 2019



Melvin L. Mayer, MD, FISHRS
San Diego, CA, USA
2nd Term expires: Oct. 2019



Ricardo Mejia, MD
Jupiter, FL, USA
1st Term expires: Oct. 2020



Marcelo Pitchon, MD
Belo Horizonte, Brazil
1st Term expires: Oct. 2019



Robert H. True, MD, MPH, FISHRS
New York NY, USA
2nd Term expires: Oct. 2020

Two Voting Past Presidents:



Sharon A. Keene, MD, FISHRS
Tucson, AZ, USA
Term expires: Oct. 2018



Paul C. Cotterill, MD, FISHRS
Toronto, Ontario, Canada
Term expires: Oct. 2019



2017 World Congress Prague

25 SILVER JUBILEE



ASIAN HAIR RESTORATION SURGERY MEETING

&

LIVE SURGERY WORKSHOP

6th AAHRS in conjunction with 3rd CAHRS

MAY 11TH-13TH, 2018

BEIJING CONTINENTAL GRAND HOTEL, BEIJING, CHINA

TWO DIDACTIC DAYS OF SCIENTIFIC PROGRAM

- Basic Science
- Research and Development
- Advanced in hair transplantation
- Hair transplantation in the Mainland China

ONE FULL DAY OF LIVE SURGERY

- Eyebrow and eyelash
- Asian Hairline
- Woman Hair transplantation
- FUE and much more

AAHRS & CAHRS FACULTY

Damkerng Pathomvanich, MD

Wen-Yi Wu, MD

Kenichiro Imagawa, MD

Ju Fang Zhang, MD

INVITED SPEAKERS:

Walter P. Unger, MD **USA**

Mario Marzola, MBBS **AUSTRALIA**

John P. Cole, MD **USA**

Russell G. Knudsen, MBBS **AUSTRALIA**

Jennifer Martinick, MD **AUSTRALIA**

Ken Washenik, MD **USA**

Carlos J. Puig, MD **USA**

Richard Shiell, MBBS **AUSTRALIA**

Francisco Jimenez, MD **SPAIN**

Jean M. Devroye, MD **BELGIUM**

Parsa Mohebi, MD **USA**

Piero Tesauro, MD **ITALY**

Call for Abstract, submit to asianhairmeeting@gmail.com Deadline for submission is February 15, 2018

10th Annual

August 2-5, 2018 St. Louis, Missouri, USA

Hair Transplant 360 WORKSHOP

**Comprehensive
Hair Transplant Course
& FUE Hands-On Course**

- New, Expanded Course Format
- 3 Information Packed Days
- Latest High-Definition Live 3D Lectures and Surgery Dissection
- Extensive, Hands-on Cadaver Workshop with Low Student-to-Faculty Ratio
- Fast-Track Stand Alone or Combined Full-Day FUE Course



- ▶ Hairline Design
- ▶ Donor Harvest/Closure
- ▶ Recipient Site Creation
- ▶ Graft Dissection
- ▶ Graft Placement
- ▶ Crown Design
- ▶ Female Hairline Design
- ▶ Temporal Point Design
- ▶ Graft Calculation
- ▶ Marketing
- ▶ Consulting
- ▶ Medical Treatment
- ▶ Critical Thinking Day
- ▶ Quality Control
- ▶ FUE

In collaboration with:



An offering through:
Practical Anatomy & Surgical Education
Department of Surgery
Saint Louis University
School of Medicine

<http://pa.slu.edu>

Course Director:
Samuel M. Lam, MD, FACS, FISHRS

International World Class Faculty

Assistant Course Director:
Emina Karamanovski Vance, MD



WORLD LIVE SURGERY WORKSHOP

We welcome you to join us for this global event.

Share your experiences and learn from your colleagues about innovative state of the art hair transplantation techniques and approaches.

Observe live surgical cases from some of the world's outstanding surgeons and participate in exciting discussions and debates.



A sophisticated and highly intellectual program awaits you. You will return to your practice with new ideas, practical tips that you can implement immediately, and a revived enthusiasm for the refined art and science of our beloved field of hair transplant surgery!

Sign-up now for early interest.

CHAIR: Conradin von Albertini, MD | Switzerland | CO-CHAIR: Bessam K. Farjo, MBChB, FISHRS | U.K.

WWW.2018WLSWDUBAI.ORG

Classified Ads

Seeking Hair Transplant Physician and Technicians

Anderson Center for Hair in Atlanta, Georgia is looking for a full-time hair restoration physician, and full-time technicians. We are a state-of-the-art, brand-new boutique center. We perform one procedure per day, with emphasis on quality, ethics, and natural results...not quantity. On-the-job training available for physicians. Technicians will require experience, with references required. Outstanding, friendly working environment, salary, benefits, insurance, 401k, vision, dental, etc.

Please email your résumé to: jobs@andersonhsc.com.

Seeking Hair Transplant Technicians

The Paragon Hair Clinic in Southlake and Mansfield, Texas is currently looking for full-time technicians with planting experience, minimum speed requirement of 600 grafts per hour. We are a multiple case practice per day utilizing FUT and FUE (motorized and robotic). Required 90-day trial/training period.

Please email your résumé to: careers@markbisharamd.com

ARTAS™ System for Sale

Brand-new, state-of-the-art ARTAS robotic hair transplantation system for sale. The system upgradable to the new version.

This never before used ARTAS system includes: ARTAS robotic system, ARTAS chair, software, controls. Selling price is \$200,000.00 US. We are willing to negotiate and accept reasonable offers.

Please call Dr. AL-Saadon at 226-402-1084 or email dr_kalsaadon@outlook.com

2015 ARTAS™ with Chair for Sale

2015 ARTAS for sale with chair. Used 3 times. Perfect condition. Originally \$250,000. Asking \$175,000 or best offer. Here is your chance to own a mint robotic hair transplant device at a 30% savings!

Email: artasforsale@gmail.com

For Sale SmartGraft Machine

Brand-new hair restoration SmartGraft Machine, used twice for demonstration only. The machine was purchased end of December 2016 and has not been used since end of January 2017. This is an excellent opportunity to take advantage of the benefits of no scalpel/no suture FUE hair transplants with no visible linear scars.

Seller is motivated and is ready to negotiate to advance the sale of the SmartGraft.

For further information, please contact: Yochai2706@gmail.com or 1-561-479-8118

For Sale Canadian HT Clinic

FOR SALE: Firmly established and fully equipped Canadian Hair Transplant Clinic located in Winnipeg, Manitoba, Canada. No significant competition in the area. Willing to train new owner, if necessary.

Contact (204) 489-2694. Website: www.hairtransplantcanada.com

Los Angeles: Hair Transplant Surgeon

Busy Beverly Hills practice is seeking an additional full time experienced hair transplant surgeon. We provide one of the most aggressive compensation and benefits packages with ownership opportunity.

Please contact immediately: jobs@calihairloss.com; 1-888-930-0554

Los Angeles: Top Pay FUE Harvester

Busy Beverly Hills practice is seeking an additional full-time licensed Physician Assistant to perform FUE harvesting. Must be proficient in hand-held non-robotic FUE harvesting. We provide one of the most aggressive compensation and benefits packages.

If you are a top performer, please contact us immediately: jobs@calihairloss.com; 1-888-930-0554

Seattle Hair Transplant Surgeon

Retiring physician is looking to bring on a replacement hair transplant surgeon, practice is very busy, outgoing physician can train the right candidate, opportunity to make \$500,000+yr.

Please contact: DrCrawshaw@advancedhair.com; 1-425-449-8185

Calendar of Hair Restoration Surgery Events

<http://www.ishrs.org/content/upcoming-events>

DATES	EVENT/VENUE	SPONSORING ORGANIZATION(S)	CONTACT INFORMATION
FEB 16-18, 2018	HAIRCON 2018 <i>Mahabalipuram, off Chennai, India</i>	Association of Hair Restoration Surgeons, India ahrsindia.org	Dr. K. Ramachandran haircon2018@gmail.com
* MAR 8-10, 2018	ISHRS World Live Surgery Workshop <i>Dubai, UAE</i>	International Society of Hair Restoration Surgery www.2018WLSWDubai.org	info@ishrs.org
MAR 17, 2018	The Present & Future of Hair Restoration Surgery and Medicine <i>London, United Kingdom</i>	British Association of Hair Restoration Surgery	Liz De Pass, BAHRS Administrator office@bahrs.co.uk
MAR 27-30, 2018 MAY 22-25, 2018	University Diploma of Scalp Pathology and Surgery <i>Paris, France</i>	University of Paris VI Coordinators: P. Bouhanna, MD, and M. Divaris, MD www.hair-surgery-diploma-paris.com	Dr. Pierre Bouhanna, Course Director sylvie.gaillard@upmc.fr
MAY 11-13, 2018	6th Asian Hair Restoration Surgery Meeting & Live Surgery Workshop <i>Beijing, China</i>	Asian Association of Hair Restoration Surgery in conjunction with 3rd CAHRS	www.aahrsasia.org
MAY 25-27, 2018	4th Latin American Workshop of FUE <i>Westin Camino Real Resort, Guatemala City, Guatemala</i>	Paraguayan Society of Hair Restoration Surgery	http://workshop-latc.com
JUN 9-10, 2018	8th International Congress of the KSHRS <i>Seoul, Korea</i>	Korean Society of Hair Restoration Surgery	www.kshrs.org or kshrs@naver.com
* AUG 2-5, 2018	Hair Transplant 360 Cadaver Workshop & FUE Hands-On Workshop <i>St. Louis, Missouri, USA</i>	Saint Louis University School of Medicine, Practical Anatomy & Surgical Education In collaboration with the International Society of Hair Restoration Surgery	info@ishrs.org
AUG 22-25, 2018	7th Congress of the ABCRC <i>Wish Resort Golf Convention, Foz do Iguassu, Brazil</i>	Brazilian Society of Hair Restoration Surgery – ABCRC	Additional details available in January 2018
SEP 12, 2018	Pre-Congress on Hair Transplantation <i>The Nile Ritz, Cairo, Egypt</i>	Organized by the International Society of Hair Restoration Surgery At the 4th International Congress of the Aesthetic Academy of Egypt (AAEg), Sept. 12-14, 2018	info@aeegy.org
* OCT 10-14, 2018	26th World Congress of the ISHRS <i>Hollywood, California, USA</i>	International Society of Hair Restoration Surgery www.26thannual.org	info@ishrs.org
OCT 14-16, 2018	ISHRS Regional Workshop: Scalp Micropigmentation <i>Walnut Creek, California, USA</i>	International Society of Hair Restoration Surgery Hosted by: Sara Wasserbauer, MD, FISHRS	info@californiahairsurgeon.com

*2018 meetings that qualify for the ISHRS member educational maintenance requirement

REMINDER

ISHRS full **Members** and **Fellow Members** are required to attend 1 ISHRS-approved meeting every 3 years to maintain their member category.

ISHRS WORLD CONGRESS SCHEDULE

26TH WORLD CONGRESS

October 10-14 2018
Hollywood, California | USA

27TH WORLD CONGRESS

November 13-17, 2019
Bangkok | Thailand

28TH WORLD CONGRESS

October 21-25, 2020
Panama City | Panama

Vision: To establish the ISHRS as a leading unbiased authority in medical and surgical hair restoration.

Mission: To achieve excellence in medical and surgical outcomes by promoting member education, international collegiality, research, ethics, and public awareness.

2017–18 Board of Governors

President **I** Sungjoo (Tommy) Hwang, MD, PhD, FISHRS
 Vice President **I** Arthur Tykocinski, MD, FISHRS
 Secretary **I** Francisco Jimenez, MD, FISHRS
 Treasurer **I** Paul J. McAndrews, MD, FISHRS
 Immediate Past President **I** Ken Washenik, MD, PhD, FISHRS
 Kapil Dua, MD, FISHRS
 Jean Devroye, MD, FISHRS
 Nilofer P. Farjo, MBChB, FISHRS
 James A. Harris, MD, FISHRS
 Melvin L. Mayer, MD, FISHRS
 Ricardo Mejia, MD
 Marcelo Pitchon, MD
 Robert H. True, MD, MPH, FISHRS
 Sharon A. Keene, MD, FISHRS
 Paul C. Cotterill, MD, FISHRS

2016–17 Chairs of Committees

American Medical Association (AMA) House of Delegates (HOD) and
 Specialty & Service Society (SSS) Representative **I** Carlos J. Puig, DO, FISHRS
 (Delegate) **I** Paul T. Rose, MD, JD, FISHRS (Alternate Delegate)
 Annual Giving Fund Chair **I** John D.N. Gillespie, MD, FISHRS
 World Congress Scientific Program Committee **I** Jean Devroye, MD, FISHRS
 Audit Committee **I** Robert H. True, MD, MPH, FISHRS
 Bylaws and Ethics Committee **I** Gregory Williams, MBBS, FISHRS
 Communications & Public Education Committee **I**
 Ken Washenik, MD, PhD, FISHRS
 CME Committee **I** Paul C. Cotterill, MD, FISHRS
 Regional Workshops Subcommittee **I** Bessam K. Farjo, MBChB, FISHRS
 Subcommittee Best Practices Project **I** Paul C. Cotterill, MD, FISHRS
 Core Curriculum Committee **I** Anthony J. Mollura, MD
 Fellowship Training Committee **I** Robert P. Niedbalski, DO, FISHRS
 Finance Committee **I** Arthur Tykocinski, MD, FISHRS
 FUE Advancement Committee **I** James A. Harris, MD, FISHRS
 International Relations Committee **I** Bessam K. Farjo, MBChB, FISHRS
 Membership Committee **I** Ken L. Williams, Jr., DO, FISHRS
 Nominating Committee **I** Francisco Jimenez, MD, FISHRS
 Past-Presidents Committee **I** Sharon A. Keene, MD, FISHRS
 Pro Bono Committee **I** Edwin S. Epstein, MD, FISHRS
 Scientific Research, Grants, & Awards Committee **I** Carlos J. Puig, DO, FISHRS
 Surgical Assistants Committee **I** Emina Vance
 Surgical Assistants Awards Committee **I** Emina Vance
 Ad Hoc Committee on Database of Transplantation Results on Patients
 with Cicatricial Alopecia **I** Jeff Donovan, MD, PhD, FISHRS
 Ad Hoc Committee on Issues Pertaining to the Unlicensed Practice of
 Medicine **I** Sharon A. Keene, MD, FISHRS
 Ad Hoc Committee on PRP **I** Carlos J. Puig, DO, FISHRS
 Ad Hoc Committee on Regulatory Issues **I** Paul T. Rose, MD, JD, FISHRS
 Subcommittee on European Standards **I** Gregory Williams, MBBS, FISHRS
 ISHRS Representative to CEN/TC 403
 Task Force on Finasteride Adverse Event Controversies **I**
 Edwin S. Epstein, MD, FISHRS

Global Council of Hair Restoration Surgery Societies

Membership proudly includes:

American Board of Hair Restoration Surgery
 American Society of Hair Restoration Surgery
 Argentine Society of Hair Recovery
 Asian Association of Hair Restoration Surgeons
 Association of Hair Restoration Surgeons-India
 Australasian Society of Hair Restoration Surgery
 Brazilian Society of Hair Restoration Surgery (ABCRC)
 British Association of Hair Restoration Surgery
 French Hair Restoration Surgery Society
 German Society of Hair Restoration Surgery
 Hair Restoration Society of Pakistan
 Hellenic Academy of Hair Restoration Surgery
 Ibero Latin American Society of Hair Transplantation (SILATC)
 International Society of Hair Restoration Surgery
 Italian Society for Hair Science and Restoration
 Japanese Society of Clinical Hair Restoration
 Korean Society of Hair Restoration Surgery
 Paraguayan Society of Hair Restoration Surgery
 Polish Society of Hair Restoration Surgery
 Swiss Society for Hair Restoration Surgery
 Thai Society of Hair Restoration Surgery



Editorial Guidelines for Submission and Acceptance of Articles for the *Forum* Publication

- Articles should be written with the intent of sharing scientific information with the purpose of progressing the art and science of hair restoration and benefiting patient outcomes.
- If results are presented, the medical regimen or surgical techniques that were used to obtain the results should be disclosed in detail.
- Articles submitted with the sole purpose of promotion or marketing will not be accepted.
- Authors should acknowledge all funding sources that supported their work as well as any relevant corporate affiliation.
- Trademarked names should not be used to refer to devices or techniques, when possible.
- Although we encourage submission of articles that may only contain the author's opinion for the purpose of stimulating thought, the editors may present such articles to colleagues who are experts in the particular area in question, for the purpose of obtaining rebuttal opinions to be published alongside the original article. Occasionally, a manuscript might be sent to an external reviewer, who will judge the manuscript in a blinded fashion to make recommendations about its acceptance, further revision, or rejection.
- Once the manuscript is accepted, it will be published as soon as possible, depending on space availability.
- All manuscripts should be submitted to forumeditors@ishrs.org.
- A completed Author Authorization and Release form—sent as a Word document (not a fax)—must accompany your submission. The form can be obtained in the Members Only section of the Society website at www.ishrs.org.
- All photos and figures referred to in your article should be sent as **separate** attachments in JPEG or TIFF format. Be sure to attach your files to the email. Do NOT embed your files in the email or in the document itself (other than to show placement within the article).
- Images should be sized no larger than 6 inches in width and should be named using the author's last name and figure number (e.g., TrueFigure1).
- Please include a contact email address to be published with your article.

Submission deadlines:

February 5 for March/April 2018 issue
 April 5 for May/June 2018 issue
 June 5 for July/August 2018 issue
 August 5 for September/October 2018 issue
 October 5 for November/December 2018 issue

Please note new submission address:
forumeditors@ishrs.org

Classified Advertising Guidelines for Submission

To place a Classified Ad in the *Forum*, email cduckler@ishrs.org. In your email, include the text of what you'd like your ad to read. You should include specifics in the ad, such as what you offer, the qualities you're looking for, and how to respond to you.

Classified Ads cost \$100 per insertion for up to 75 words. You will be invoiced for each issue in which your ad runs. The *Forum* 2017 Advertising Rate Card can be found at the following link:

<http://www.ishrs.org/content/advertising-and-sponsorship>

Submit your Classified Ad to:
cduckler@ishrs.org





INTERNATIONAL SOCIETY OF HAIR RESTORATION SURGERY

*When Award Winning
Hair Transplant Surgeons Meet*

SAVE THE DATE



ISHRS 26TH
WORLD
CONGRESS

OCTOBER 10-14
HOLLYWOOD
LOEWS HOLLYWOOD HOTEL
www.ISHRS.org

HAIR TRANSPLANT FORUM INTERNATIONAL

International Society of Hair Restoration Surgery

303 West State Street

Geneva, IL 60134 USA

Forwarding and Return Postage Guaranteed



2018
WLSW
DUBAI
MARCH 8-10
DUBAI HEALTHCARE CITY

INTERNATIONAL SOCIETY OF
ISHRS
HAIR RESTORATION SURGERY

WORLD LIVE SURGERY WORKSHOP
www.2018WLSWDUBAI.ORG

SIGN-UP NOW



INTERNATIONAL SOCIETY OF
ISHRS
HAIR RESTORATION SURGERY

2018

ISHRS 26TH
WORLD
CONGRESS

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

SAVE THE DATE **OCTOBER 10-14**
HOLLYWOOD
LOEWS HOLLYWOOD HOTEL
www.ISHRS.org