Bridging Technology and Art in Hair Restoration Surgery

Detailed Program

**Who Will Benefit from Attending?**

- Experienced hair restoration surgeons
- Physicians with an interest in hair restoration surgery who are new to the field
- Surgical Assistants, Technicians, and Other Office Personnel employed by ISHRS Physician Members
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Cordial Support

The ISHRS gratefully acknowledges the following corporate supporters of its 21st Annual Scientific Meeting for their generosity.

Silver:

Bronze:
TUES/WED

http://www.ishrs.org/AnnualMeeting.html

DAY-BY-DAY PROGRAM

TUESDAY/OCTOBER 22, 2013

9:00AM-6:00PM ISHRS Chartered Tour: The Best of the California Wine Country with Picnic Luncheon at Péju Winery (ticket required) – must be age 21 or older

3:00PM-7:00PM Registration

3:00PM-8:00PM Speaker Ready Room

3:00PM-6:00PM ISHRS Executive Committee Meeting (invitation only)

7:00PM-10:00PM Ancillary Meeting: ABHRS Board of Directors Meeting (invitation only)

WEDNESDAY/OCTOBER 23, 2013

6:30AM-5:30PM Registration (in Market Street Foyer), with 5:30pm-9:00pm Extended Hours for Exhibit Only Check-In

6:30AM-6:00PM Speaker Ready Room

8:00AM-4:15PM Advanced/Board Review Course (ticket required)

8:30AM-6:00PM Basics Course (ticket required)

9:00AM-12:00PM FUE Hands-On Courses 403, 404, 405 (ticket required)

9:30AM-4:00PM Surgical Assistants Program (ticket required)

9:30AM-3:30PM ISHRS Board of Governors Meeting (invitation only)

2:00PM-5:00PM FUE Hands-On Courses 406, 407, 408 (ticket required)

2:00PM-5:30PM Posters Set-up by Poster Owners

4:00PM-9:00PM Exhibitors Set-up

6:00PM-9:00PM Ancillary Meeting: ABHRS Recertification Exam

7:00PM-10:30PM ISHRS Chartered Tour: San Francisco by Night! With a Visit to Yoshi’s Jazz Club (ticket required) – must be age 21 or older

ABHRS Recertification Exam

DATE: Wednesday/October 23, 2013
TIME: 6:00PM-9:00PM
LOCATION: Marina Room

For those ABHRS Diplomates who were board certified in 2003 or 2004, in order to maintain certification you must register/apply for the Recertification Exam. The Recertification Exam is also being offered on January 25, 2014, from 1:00PM-4:00PM, in Houston, Texas. For those interested in first time certification, the next primary exam will take place on January 25, 2014, in Houston, Texas.

For further information and to register, contact:
Peter B. Canalia, JD, Executive Director
American Board of Hair Restoration Surgery (ABHRS)
8840 Calumet Avenue, Suite 205, Munster, IN, 46321, USA
Tel: 1-219-836-5858; Fax: 1-219-836-5525
E-mail: abhrs@sbcglobal.net
www.abhrs.org

Note: This information is being printed as a courtesy. The ISHRS is a separate organization than the ABHRS. All questions and registrations for the ABHRS should be directed to the ABHRS.
THURSDAY / OCTOBER 24, 2013

6:30AM-6:30PM  Registration

6:30AM-6:30PM  Poster Viewing

7:00AM-6:00PM  Speaker Ready Room

7:00AM-8:30AM  Newcomers Orientation Breakfast (ticket required)

7:45AM-9:15AM  Continental Breakfast

7:45AM-7:30PM  Exhibits

9:30AM-12:30PM  Surgical Assistants Hands-on Cadaver Workshop: Graft Preparation and Placement (ticket required)

9:00AM-6:00PM  GENERAL SESSION

9:00AM-9:13AM  WELCOME TO THE 21ST ANNUAL SCIENTIFIC MEETING

LEARNING OBJECTIVE
Describe program goals.

9:00AM-9:05AM  5 Program Chair Welcome & Announcements
Robert H. True, MD, MPH

9:05AM-9:13AM  8 President’s Address
Carlos J. Puig, DO

9:13AM-10:30AM  STATE OF THE ART
HAIR RESTORATION SURGERY

LEARNING OBJECTIVE
Review the state of the art in hair restoration surgery for both donor strip harvesting and follicular unit extraction.

PART I: HAIR RESTORATION VIA DONOR STRIP HARVESTING

9:13AM-9:15AM  2 Moderator Introduction
Robert S. Haber, MD

9:15AM-9:32AM  17 State of the Art: Hair Restoration via Donor Strip Method
Victor Hasson, MD

9:32AM-9:37AM  5 Top 10 Characteristics
Arthur Tykocinski, MD

9:37AM-9:41AM  4 Commentary
Bobby L. Limmer, MD

9:41AM-9:51AM  10 Q&A

9:52AM-9:54AM  2 Moderator Introduction
Robert S. Haber, MD

9:54AM-10:11AM  17 State of the Art: Hair Restoration via Extraction Harvesting
James A. Harris, MD

10:11AM-10:16AM  5 Top 10 Characteristics
José Lorenzo, MD

10:16AM-10:20AM  4 Commentary
John P. Cole, MD

10:20AM-10:30AM  10 Q&A

10:30AM-10:50AM  Coffee Break

10:50AM-11:34AM  RESEARCH STUDIES

LEARNING OBJECTIVE
Describe various research projects on the subject of hair and how they may impact therapies or treatments for hair loss.

10:50AM-10:52AM  2 Moderator Introduction
Mario Marzola, MBBS

10:52AM-10:59AM  7 FUE vs. FUT: Comparison Study in 2 Patients of FU Growth
Michael L. Beehner, MD

10:59AM-11:06AM  7 Utilizing the HairCheck Device to Assess the Preservation of Hair Mass after Hair Restoration Utilizing Strip, Dull Punch FUE and Robotic FUE Graft Harvest Techniques
James A. Harris, MD

11:07AM-11:14AM  7 Graft Counts of FUE and Traditional "Strip" Surgeries: A Surgical Technique Comparison
Sara M. Wasserbauer, MD

11:14AM-11:24AM  10 CST Evaluation of Donor and Recipient Areas Before and After FUT and FUE
John P. Cole, MD

11:24AM-11:34AM  10 Q&A

http://www.ishrs.org/AnnualMeeting.html
visiting with old friends and meeting new contacts

Last year we planned the membership business meeting to take place over the lunch, and nobody could hear the business meeting because everyone was busy talking at the tables! We recognize the importance in leveraging the time at the meeting by visiting with old friends and meeting new contacts. This is the reason we are offering this informal networking lunch. The price is simply to cover the cost of the meal.
2:00PM-3:10PM  
**CICATRICIAL ALOPECIA AND NON-ANDROGENETIC ALOPECIA**

**LEARNING OBJECTIVES**
- Discuss the diagnosis and treatment of non-androgenetic alopecia.
- Discuss the role of hair transplants in non-androgenetic alopecia.

2:00PM-2:09PM  
**Moderator Introduction**
Jeffrey C. Donovan, MD, PhD

2:09PM-2:39PM  
**CICATRICIAL ALOPECIA: WHAT YOU SHOULD KNOW ABOUT THE MANY DIFFERENT TYPES**

_Featured Guest Speaker:_
Vera H. Price, MD, FRCP(C)  
*Department of Dermatology*
*University of California at San Francisco*

2:39PM-2:46PM  
**Comparison of the Results of Hair Restoration Surgery in Cicatricial Alopecias Induced by Inflammatory Diseases with Cicatricial Alopecias Induced by Traumatic Events**
Ramin Rabbani, MD

2:47PM-2:54PM  
**Introduce a New Clinical Pattern of Lichen Planopilaris, It Is a Pitfall If Implanted Because the Disease May Flare Up, and Result in Disaster**
Gholami Abbasi, MD

2:54PM-3:00PM  
**When is Traction Alopecia in Black Women ‘Transplantable’?**
Jeffrey C. Donovan, MD, PhD

3:00PM-3:10PM  
**Q&A**

3:12PM-4:00PM  
**POST FINASTERIDE SYNDROME SESSION**

_Panel:_ Robert M. Bernstein, MD,  
Edwin S. Epstein, MD, Wayne J. G. Hellstrom, MD,  
Dow B. Stough, MD, Ken Washenik, MD, PhD

**LEARNING OBJECTIVES**
- Review the latest studies on the efficacy and safety of finasteride 1 mg in androgenetic alopecia.
- Discuss possible adverse events relating to the use of finasteride, including claims of persistent sexual dysfunction, and concerns relating to prostate cancer.

3:12PM-3:22PM  
**Moderator Introduction**
Edwin S. Epstein, MD

3:22PM-3:47PM  
**Post Finasteride Syndrome Update: Urologist’s Perspective**

_Featured Guest Speaker:_
Wayne J.G. Hellstrom, MD, FACS  
*Professor, Chief, Section of Andrology, Department of Urology, Tulane University School of Medicine*

3:47PM-4:00PM  
**Q&A**
5:00PM-6:00PM  Recipient Sites and Cosmesis

LEARNING OBJECTIVES
• Compare and contrast different surgeons’ approaches to the cosmetic aspects of the hair transplant procedure, including designing hairlines, in order to improve one’s own skills.
• Discuss the surgical approaches to hair transplantation in special situations: advancing the female hairline and HT in eyebrows.

5:00PM-5:02PM  2 Moderator Introduction
Sharon A. Keene, MD

5:02PM-5:12PM  10 Making Less Look Like More
Antonio S. Ruston, MD

5:12PM-5:22PM  10 State of the Art Recipient Sites and Graft Placement
Bradley R. Wolf, MD

5:22PM-5:32PM  10 Cosmesis in Hair Restoration Surgery? Does It Matter?
Jennifer H. Martinick, MBBS

5:32PM-5:39PM  7 Keys to Obtaining Aesthetic Results in Eyebrow Transplants: A Review of over 500 Procedures
Jeffrey S. Epstein, MD

5:40PM-5:47PM  7 Female Hairline Extension Technique
Bertram M. Ng, MBBS

5:47PM-6:00PM  13 Q&A

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

DATE: THURSDAY 1 OCTOBER 24, 2013
TIME: 6:00PM-7:30PM
FEE: No extra fee required.
LOCATION: ISHRS Exhibit Hall in the Pacific Concourse

JOIN US in the Exhibit Hall to socialize and unwind after an invigorating first day of the meeting. The Welcome Reception is a great opportunity to spend time talking with exhibitors and reviewing their products and services in a relaxed atmosphere. Cocktails and hors d’oeuvres will be served.

This event is open to all meeting attendees, their guests, and exhibitors.
## FRIDAY/OCTOBER 25, 2013

<table>
<thead>
<tr>
<th>Time</th>
<th>Event</th>
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<tbody>
<tr>
<td>6:00AM-6:00PM</td>
<td>Speaker Ready Room</td>
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<tr>
<td>6:30AM-6:00PM</td>
<td>Registration</td>
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<td>6:30AM-6:00PM</td>
<td>Poster Viewing</td>
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<tr>
<td>7:00AM-8:30AM</td>
<td>Workshops 201, 202, 203, 204, 205 (ticket required)</td>
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<tr>
<td>8:15AM-9:15AM</td>
<td>Continental Breakfast</td>
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<tr>
<td>8:15AM-5:30PM</td>
<td>Exhibits</td>
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<tr>
<td>9:00AM-5:35PM</td>
<td>GENERAL SESSION</td>
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<tr>
<td>9:00AM-9:52AM</td>
<td>ANATOMY AND BASIC SCIENCE</td>
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<td><strong>LEARNING OBJECTIVE</strong></td>
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<td></td>
<td>Discuss new concepts of scalp and eyelash anatomy and the effect of aging on male scalp hair.</td>
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<tr>
<td>9:00AM-9:02AM</td>
<td>2 Moderator Introduction</td>
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<td></td>
<td>Damkerng Pathomvanich, MD</td>
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<tr>
<td>9:02AM-9:09AM</td>
<td>7 Study of Temple Pattern and Fronto-Temporal Point in Asian Men without Male Pattern Baldness</td>
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<td>Rangsit Sittiwangkul, MD</td>
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<td>9:09AM-9:16AM</td>
<td>7 Miniaturization in the Donor</td>
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<td>Christian Bisanga, MD</td>
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<tr>
<td>9:17AM-9:25AM</td>
<td>8 Anatomy and Arrangement of Human Eyelashes Useful and Practical in Eyelash Transplantation</td>
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<td>Sheida Abbasi</td>
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<td>9:25AM-9:32AM</td>
<td>7 Temporal Points – Their Importance and Impact on a Youthful Appearance and as a Prognosis for Baldness</td>
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<td>Antonio S. Ruston, MD</td>
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<td>9:33AM-9:42AM</td>
<td>9 The Phenotype of Hairline Evolution</td>
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<td>William R. Rassman, MD</td>
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<td>9:42AM-9:52AM</td>
<td>10 Q&amp;A</td>
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<td>9:52AM-10:00AM</td>
<td>Break for hotel to roll-in coffee into General Session</td>
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<tr>
<td>10:00AM-10:40AM</td>
<td>GENERAL MEMBERSHIP BUSINESS MEETING &amp; SERVICE AWARDS</td>
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<td>10:45AM-11:45AM</td>
<td>NORWOOD LECTURE</td>
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<td><strong>LEARNING OBJECTIVE</strong></td>
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<td>Review the latest developments in hair follicle cloning, regeneration, and other prospective developments and discuss their relevance to clinical practice.</td>
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<td>10:45AM-10:48AM</td>
<td>3 Moderator Introduction</td>
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<td>Bessam K. Farjo, MBChB</td>
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<td>10:48AM-11:18AM</td>
<td>30 NORWOOD LECTURE</td>
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<td>Hair Follicle Cloning, Regeneration, and Other Prospective Developments for the Transplant Clinic – Where Are We Now?</td>
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<td>Featured Guest Speaker</td>
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<td>Colin Jahoda, MD, PhD</td>
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<td>Professor, School of Biological and Biomedical Sciences, Durham University, U.K.</td>
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<tr>
<td>11:18AM-11:23AM</td>
<td>5 Q&amp;A</td>
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<tr>
<td>11:23AM-11:30AM</td>
<td>7 Multi-Centre, International, Randomized Investigation as to the Efficacy of Adipose Derived Mesenchymal Stem Cells for Stimulating Hair Growth in Androgenic Hair Loss Patient</td>
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<td>Ryan J. Welter MD, PhD</td>
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<tr>
<td>11:30AM-11:40AM</td>
<td>10 Highlights from the 7th World Congress for Hair Research</td>
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<td>Nilofer P. Farjo, MBChB</td>
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<td>11:40AM-11:45AM</td>
<td>5 Q&amp;A</td>
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<td>11:45AM-12:00PM</td>
<td>Break for hotel to set the room for lunch symposium, attendees can visit the exhibits</td>
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[http://www.ishrs.org/AnnualMeeting.html](http://www.ishrs.org/AnnualMeeting.html)
12:00PM-2:00PM  Lunch Symposia 211, 212, 213, 214 (ticket required)
   For all registered attendees except exhibitors. No extra fee required, but you must sign-up for the symposium of your choice during the registration process.

2:15PM-3:18PM  ADVANCING THE FUE TECHNIQUE

LEARNING OBJECTIVES
- Describe the various techniques and instruments that can be used for FUE including their advantages and disadvantages.
- Evaluate donor area safety in FUE procedures.
- Discuss techniques to reduce follicle transection rates in FUE procedures.

2:15PM-2:17PM  2 Moderator Introduction
Ken Williams, DO

2:17PM-2:24PM  How Image Processing in FUE Harvesting Can Be Used in Calculating the Reduction of Skin Trauma by Injecting Normal Saline
Georgios Zontos, MD, PhD, MSc, BSc

2:24PM-2:31PM  Controlling FUE Transection Rate with Difficult Scalp Character
Juyong Kim, MD

2:32PM-2:39PM  Overshooting the Safe Donor Zone in Mega Session of FUE Technique
Suneet Soni, MD

2:39PM-2:46PM  The Use of a Suction Apparatus to Improve Wound Healing of FUE Sites
Paul T. Rose, MD, JD

2:46PM-2:53PM  Unfavorable Results with FUE Technique. Have We Come Full Circle?
Tejinder Bhatti, MD

2:54PM-3:01PM  Vacuum Assisted Follicle Extraction Device (VAFED), an Innovative Device for FUE with Negligible Follicle Transection and Easy to Learn Methodology
Anil K. Garg, MS, MCh

3:01PM-3:08PM  Electrolysis Assisted Follicular Unit Extraction (An Innovation in Hair Harvesting)
Shahin Gholami, MD

3:08PM-3:18PM  10 Q&A

3:20PM-4:05PM  ENHANCING DONOR MANAGEMENT IN STRIP HARVESTING

LEARNING OBJECTIVE
Describe the various techniques that can be used to improve donor area healing in FUT including their advantages and disadvantages.

3:20PM-3:22PM  2 Moderator Introduction
Henrique N. Radwanski, MD

3:22PM-3:28PM  The Roles of Injected Steroid in Donor Strip Wound Healing
Bertram M. Ng, MBBS

3:28PM-3:35PM  Efficacy and Safety of Low Dose Enalapril in Minimizing Linear Donor Scars from Hair Restoration Surgery
Prapote Asawaworarit, MD

3:36PM-3:42PM  Partial Trichophytic Closure - A Calculated Approach in Performing Double Edged Trichophytic Closure for Improving the Appearance of Scalp Scar
Parsa Mohebi, MD

3:42PM-3:48PM  Novel Application of Hyaluronidase on Scalp Laxity
Wen-Yi Wu, MD

3:48PM-3:55PM  The Use of a Long Acting Anesthetic to Diminish Post Operative Pain in Hair Transplant Patients
Paul T. Rose, MD, JD

3:55PM-4:05PM  10 Q&A

4:05PM-4:20PM  POSTER OVERVIEW SESSION

LEARNING OBJECTIVE
Review key points relating to a variety of studies and surgical pearls regarding hair restoration surgery.

4:05PM-4:20PM  15 Poster Overview
Robert S. Haber, MD

4:20PM-4:50PM  Poster Inquiry Session during Coffee Break

4:50PM-5:35PM  HAIRLINE DESIGN PANEL

LEARNING OBJECTIVE
Compare and contrast different surgeons’ approaches to designing hairlines and temporal points.

4:50PM-5:35PM  45 Moderator Introduction and Hairline Panel
Russell G. Knudsen, MBBS
Surgeon Designers: Kapil Dua, MD, Russell G. Knudsen, MBBS & Mauro Speranzini, MD

6:00PM-8:00PM  ISHRS & ABHRS M&M Conference (ticket required)

8:00PM-9:30PM  President’s Annual Giving Fund Reception (ticket required)

http://www.ishrs.org/AnnualMeeting.html
**SATURDAY/ OCTOBER 26, 2013**

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<th>Time</th>
<th>Event</th>
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<tr>
<td>6:45AM-8:30AM</td>
<td>Continental Breakfast</td>
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<tr>
<td>7:00AM-4:30PM</td>
<td>Registration</td>
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<td>7:00AM-3:45PM</td>
<td>Speaker Ready Room</td>
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**7:00AM-8:00AM** **BREAKFAST WITH THE EXPERTS**

No extra fee. Open to all attendees on a first-come, first-served basis. This is an informal session for small groups to discuss a specific topic as noted on the list. The round tables in the General Session room will be labeled with a topic and table leader’s name. Get your breakfast from the Exhibit Hall and then sit at the table of your choice to have “breakfast with an expert.” You may sit at any table you like and rotate to as many tables as you wish.

NEW THIS YEAR! At the half-way point, an announcement will be made so attendees can switch to another table if they choose. The table leader will repeat any mini-presentations or opening remarks about the topic.

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

1. **Advances in Hair Biology**
   Ken Washenik, MD, PhD

2. **Beard FUE**
   Robert H. True, MD, MPH

3. **How to Perform Cross-Sectional Trichometry**
   Bernard Cohen, MD

4. **Proper Use of Minoxidil**
   Robert T. Leonard, Jr., DO

5. **Eyebrow Restoration**
   Sara M. Wasserbauer, MD

6. **Surgical Hairline Advancement**
   Jeffrey S. Epstein, MD

7. **Peri-Operative Risk Management**
   Scott A. Boden, MD & Kuniyoshi Yagyu, MD

8. **The Art & Pitfalls of Internet Consultation**
   Carlos J. Puig, DO

9. **Hyaluronidase in Hair Transplantation**
   Sungjoo Tommy Hwang, MD, PhD

10. **Implanters**
    Tseng-Kuo Shiao, MD

11. **Chinese-Speaking Table: Pearls for Asian Hair Transplantation**
    Wen-Yi Wu, MD

12. **Korean-Speaking Table: Total Hairline Correction in Low Grade Hair Loss**
    Jaehyun Jung, MD

13. **Spanish-Speaking Table: FUE**
    José Lorenzo, MD

14. **Surgical Assistant Table: Maximizing Team Efficiency**
    Emina Karamanovski

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<tr>
<td>7:00AM-12:40PM</td>
<td>Poster Viewing</td>
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<td>7:30AM-2:00PM</td>
<td>Exhibits Viewing</td>
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<td>8:15AM-5:00PM</td>
<td>GENERAL SESSION</td>
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<td>8:15AM-9:00AM</td>
<td><strong>DIFFICULT CASES I</strong></td>
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Panel: Alan J. Bauman, MD, Jerry E. Cooley, MD, Daniel E. Roussos, MD, and James E. Vogel, MD

**LEARNING OBJECTIVES**
- Discuss challenging and atypical cases and treatment options.
- Recognize surgical limitations in marginal candidates and develop appropriate treatment plans for these patients.

8:15AM-9:00AM **45 Moderator Introduction and Difficult Cases I Panel**
James E. Vogel, MD

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<tr>
<td>9:00AM-9:30AM</td>
<td>Poster Awards</td>
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<td>9:03AM-10:20AM</td>
<td><strong>ADVANCES IN HAIR BIOLOGY</strong></td>
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**LEARNING OBJECTIVES**
- Demonstrate understanding of basic biology of molecular influences on follicular behavior.
- Describe effect of ATP on follicle viability.
- Review the results of platelet growth factors and porcine urinary bladder matrix in wound healing and hair growth.

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<tr>
<td>9:35AM-10:10AM</td>
<td><strong>MODERATOR INTRODUCTION 1</strong></td>
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<tr>
<td>9:10AM-9:40AM</td>
<td><strong>ADVANCES IN HAIR BIOLOGY LECTURE</strong></td>
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Extra-follicular Environmental Modulation of Hair Regeneration

Featured Guest Speaker
Cheng-Ming Chuong, MD, PhD
Professor of Pathology, Chair of Graduate Committee, University of Southern California
The Advances in Hair Biology Lectureship is generously supported by a grant from BOSLEY.

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<td>9:40AM-9:47AM</td>
<td><strong>Q&amp;A</strong></td>
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| 9:47AM-9:57AM | **Scalp Biofilm, Hair Loss and Associated Chronic Diseases**
    John E. Frank, MD

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| 9:58AM-10:10AM| **Bioenhancements of Hair Transplantation**
    Jerry E. Cooley, MD

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<td><strong>Q&amp;A</strong></td>
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<td>10:20AM-10:45AM</td>
<td><strong>Coffee Break</strong></td>
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### Day-by-Day Program

#### 10:45AM-11:48AM  Diagnostic Aids and Treatment Outcome Assessments with a Focus on FPHL

**LEARNING OBJECTIVES**
- Compare and contrast methods for measuring results of medical and surgical hair restoration.
- Review clinical evidence for the effect of low level laser light therapy.
- Discuss proper hormonal evaluation in female pattern hair loss (FPHL).

<table>
<thead>
<tr>
<th>Time</th>
<th>Session</th>
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</table>
| 10:45AM-10:47AM | 2 Moderator Introduction  
Francisco Jimenez, MD |
| 10:47AM-10:54AM | 7 The Clinical Utility of the Hair Check Device  
Russell G. Knudsen, MBBS |
| 10:54AM-11:01AM | 7 Tools for Monitoring Patients on Medical Therapy  
Bernard P. Nusbaum, MD |
| 11:02AM-11:09AM | 7 Dermoscopy is a Valuable Aid in Diagnosing Female Hair Loss and Guiding Treatment  
Alessandra Juliano, MD |
| 11:09AM-11:17AM | 8 The Effect of Cold Laser Therapy on Hair Mass as Measured by Cross Sectional Diameter  
Sara M. Wasserbauer, MD |
Shelly A. Friedman, DO |
| 11:28AM-11:38AM | 10 Hormonal Evaluation of Female Pattern Hair Loss  
Sharon A. Keene, MD |
| 11:38AM-11:48AM | 10 Q&A |

#### 11:50AM-12:00PM  Advanced Surgical Videos I

**LEARNING OBJECTIVES**
- Compare methods to improve donor closure in FUT.
- Describe approaches to reduce post operative cosmetic problems.
- Discuss FUE as an approach to repairing poor results.

<table>
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<th>Time</th>
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| 11:50AM-11:52AM | 2 Moderator Introduction  
Carlos J. Puig, DO |
| 11:52AM-11:57AM | 5 How to Minimize Hair Angle Alteration in Wide Donor Wound  
Dae-young Kim, MD |
| 11:57AM-12:02PM | 5 Arrow Shape Laxometer  
Viroj Vong, MD |
| 12:03PM-12:08PM | 5 Composite Graft for Incomplete Donor Site Closure Due to High Tension  
Ji-sup Ahn, MD, PhD |

#### 10:45AM-11:48AM  FUT Donor Management

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#### 12:00PM-1:00PM  Improving Cosmesis

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<th>Time</th>
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| 12:08PM-12:13PM | 5 An Alternate Technique from Shaving the Recipient Area  
Sara Kotai, MBBS |
| 12:14PM-12:19PM | 5 The "No-Shave FUE Technique": A Method to Improve Patient Satisfaction with FUE Procedures  
Marco N. Barusco, MD |
| 12:19PM-12:24PM | 5 How I Do a Preevaluation Test in FUE and How I Calculate My Transection Rate  
Emre A. Karadeniz, MD |
| 12:25PM-12:30PM | 5 How I Correct Too Low Hairline Using FUE  
Yi-Jung I. Lin, MD |

#### 12:30PM-2:00PM  Lunch on Your Own

<table>
<thead>
<tr>
<th>Time</th>
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<tr>
<td>12:40PM-12:40PM</td>
<td>10 Q&amp;A</td>
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</tbody>
</table>
| 12:45PM-1:45PM | 10 FUE Research Committee Meeting  
(Invitation only) |
| 12:40PM-2:00PM | 10 Posters Dismantle |
| 2:00PM-7:00PM | 10 Exhibits Dismantle |

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http://www.ishrs.org/AnnualMeeting.html
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<tbody>
<tr>
<td>2:00PM-2:45PM</td>
<td><strong>DIFFICULT CASES II: REPAIR</strong></td>
<td>Panel: Robert M. Bernstein, MD, Sheldon S. Kabaker, MD, Russell G. Knudsen, MBBS, and James E. Vogel, MD</td>
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<td><strong>LEARNING OBJECTIVES</strong></td>
<td>• Discuss challenging and atypical cases and treatment options.</td>
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<td>• Explain when to consider flaps and expanders over grafting techniques.</td>
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<tr>
<td>2:00PM-2:45PM</td>
<td><strong>Moderator Introduction and</strong></td>
<td>Moderator Introduction and Difficult Cases II Panel</td>
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<td><strong>Difficult Cases II Panel</strong></td>
<td>James E. Vogel, MD</td>
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<tr>
<td>2:48PM-3:35PM</td>
<td><strong>ADVANCED SURGICAL VIDEOS II</strong></td>
<td><strong>LEARNING OBJECTIVES</strong></td>
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<td>• Compare and contrast different surgeons’ approaches to and devices for graft implantation.</td>
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<td>• Describe the various techniques that make the FUE process more efficient.</td>
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<tr>
<td>2:48PM-2:50PM</td>
<td><strong>Moderator Introduction</strong></td>
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<td><strong>John P. Cole, MD</strong></td>
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<td>2:50PM-2:55PM</td>
<td><strong>New Stick-and-Place Shiao Micro-Implanter</strong></td>
<td>Tseng-Kuo Shiao, MD</td>
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<td>2:55PM-3:00PM</td>
<td><strong>Novel Implanter Technique that Enables More than 1600 Grafts in 1 Hour with Dense Packing</strong></td>
<td>Jae Hyun Park, MD</td>
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<td>3:00PM-3:05PM</td>
<td><strong>Importance of Depth Control when Transplanting Hairs and the Best Way How to Use the New OKT (Optimally Kept Transplanter) Implanter</strong></td>
<td>Kun Oc, MD</td>
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<tr>
<td>3:06PM-3:11PM</td>
<td><strong>FUE Hair Transplant Using NeoGraft and Implanter Pens</strong></td>
<td>Michael W. Vories, MD</td>
</tr>
<tr>
<td>3:11PM-3:16PM</td>
<td><strong>How to Achieve 2000+ Grafts Per Day by Combining Motorized FUE with Implanter Pens</strong></td>
<td>Conradin von Albertini, MD</td>
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<tr>
<td>3:17PM-3:22PM</td>
<td><strong>My Performance in Large FUE Sessions</strong></td>
<td>Luis R. Trivellini, MD</td>
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<tr>
<td>3:22PM-3:27PM</td>
<td><strong>Graft Harvesting in FUE Giga Session (&gt;3500 FU grafts)</strong></td>
<td>Kavish Chouhan, MD</td>
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<td>3:27PM-3:35PM</td>
<td><strong>Q&amp;A</strong></td>
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<td>3:35PM-5:00PM</td>
<td><strong>LIVE PATIENT VIEWING</strong></td>
<td><strong>LEARNING OBJECTIVE</strong></td>
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<td>Assess the results of real live patients from a variety of cases that utilized different approaches and techniques.</td>
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<tr>
<td>3:35PM-3:40PM</td>
<td><strong>Overview of LPV Cases</strong></td>
<td>Jerry Wong, MD</td>
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<td>3:40PM-3:40PM</td>
<td><strong>Adjourn Main Meeting in General Session Room</strong></td>
<td>Robert H. True, MD</td>
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<tr>
<td>3:40PM-5:00PM</td>
<td><strong>Live Patient Viewing</strong></td>
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<td>5:00PM</td>
<td><strong>Meeting Adjourns</strong></td>
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<td>4:30PM-5:30PM</td>
<td><strong>CME Committee Meeting</strong></td>
<td>(invitation only)</td>
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<td>7:00PM-12:00AM</td>
<td><strong>Gala Dinner/Dance &amp; Awards Ceremony</strong></td>
<td>(ticket required)</td>
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<tr>
<td>12:00AM-2:00AM</td>
<td><strong>After Hours Jam Session</strong></td>
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**SUNDAY/OCTOBER 27, 2013**

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<tr>
<td>8:30AM-2:30PM</td>
<td><strong>ISHRS Chartered Tour: Magical Marin: Majestic Muir Woods &amp; Sparkling Sausalito with Lunch in Sausalito</strong></td>
<td>(ticket required)</td>
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**OPTIONAL OFFERING • ISHRS REGIONAL WORKSHOP**

Beautiful Brows

Sunday-Monday 1 October 27-28, 2013

A separate ISHRS Regional Workshop has been organized to take place after the Annual Meeting by Dr. Sara Wasserbauer at her clinic in Walnut Creek, California, which is approximately a 30 minute drive outside of San Francisco. This Live Surgery Workshop on eyebrow transplantation was purposely designed at this time so those interested could extend their stays.

The Workshop will take place Oct. 27-28, 2013, and there is a separate fee and registration process. There is limited seating. Additional details with registration link are available at www.eyebrowworkshop.com
Advancing the Art and Science of Hair Restoration

Register Today!
www.ISHRS.org

ISSUES 21ST ANNUAL SCIENTIFIC MEETING
October 23-26
Hyatt Regency San Francisco