PROGRAM MESSAGES



Dr. Sam Lam

This marks our sixth year in teaching hair restoration in a passionate, compassionate, technical, artistic, and thoughtful way. Our emphasis on offering a course that has equally strong lectures and laboratory has proven ideal for the optimal learning experience. I have witnessed during our extensive laboratory time that a low student-to-faculty ratio and critical feedback allow for a very rapid learning curve that is unmatched in the industry. I like to say that, at the end of the weekend, you will have so much hands-on time that you will feel "full" and not need or desire any more. Our state-of-the-art lectures feature a unique Avatar three-dimensional live projection of surgical dissection and hairline design, which provide an unparalleled learning experience. In addition, our "my surgical technique" videos offer a comprehensive and invaluable perspective on the surgical process, especially for the neophyte. We have an entire day dedicated to FUE (follicular unit extraction) the hottest trend in hair transplant, including extensive laboratory time. Finally, our Sunday morning is a critical thinking day filled with practical information and experts' discussion that will round your knowledge and that really no one should miss. Emina and I truly look forward to having another spectacular year with world-class faculty and in-depth, intimate learning and hands-on time with you. We sincerely hope it will be a life-changing experience that will shape your future practice.



Dr. Emina Karamanovski

As we were preparing the curriculum for this year's workshop, I reflected on the evolution of this course and the impact we have made in the past five years. On numerous occasions I have heard our students comment on how much they have enjoyed the course and the value they have gained. I'm proud to say that our course offers unmatched, comprehensive didactic lectures and extensive hands-on practice with critical feedback. In addition, our course gives physicians the opportunity to learn and practice graft preparation and placement, the two most important skills required for quality control and a successful practice.

Every year we improve our workshop by integrating the latest developments in the industry. Considering the limited training material available for technicians and the slow "in-office" learning process, we have developed a curriculum that condenses months and years of learning into a very short time. Our high-tech, real-tissue laboratory experience and in-depth curriculum are as valuable to a novice technician as much as to experienced assistants who want to learn new or improve existing skills. I have assembled a great faculty who is both experienced and passionate about hair restoration, and we are looking forward to sharing our expertise and enthusiasm in teaching with you.

SUGGESTED VIEWING

ISHRS Basics in Hair Restoration Surgery Lecture Series

Enduring Material, Online Format.

For those new to hair restoration surgery, it is highly encouraged that you view this online lecture series prior to the Workshop. It is an excellent primer and will enable you to get the most out of Workshop. It was developed by the CME Committee of the International Society of Hair Restoration Surgery and includes 15 pre-recorded, comprehensive lectures covering medical and surgical hair restoration. In addition, you may earn 9.5 AMA PRA Category 1 Credits TM from successful completion of this enduring material via the ISHRS.

The fee is $450 for non-members of the ISHRS and $350 for member-applicants.

For the list of lectures, viewing requirements, and to order, go to:
http://www.ishrs.org/content/basics-lecture-series

REGISTER ON-LINE AT: http://pa.slu.edu

Select: Continuing Medical Education (Hands-On Cadaver Workshops)
Select: 2014 Workshop Schedule
Find Course of Interest to gain access to complete course information.
This workshop will be held at the PASE Learning Center at 3839 Lindell Boulevard, St. Louis, MO 63108

Physician Option 1: $1995
Full Hair-Transplant Course (includes FUE Course) – BEST VALUE

Physician Option 2: $1295
**FUE Course on Saturday Only (includes Critical Thinking Day on Sunday)

Fellow/Resident/US Military Option 1: $1295
Full Hair-Transplant Course (includes FUE Course) – BEST VALUE

Fellow/Resident/US Military Option 2: $995
**FUE Course on Saturday Only (includes Critical Thinking Day on Sunday)

$795 Surgical Assistant Fee ($595 Discounted Fee for 2nd and 3rd Assistants in office to register)

***You are only eligible to take the FUE day as a standalone course if you have had a minimum of 2 years experience in hair restoration or have taken a basic hair-transplant course in the past. Because this course skips over important aesthetic, technical, ethical, and judgment issues that are central to being a safe and effective hair-transplant physician, the course directors have established the above prerequisite for prospective, enrolling students.*



St. Louis Attractions

St. Louis offers lively attractions throughout the city for visitors of any age. Forest Park is less than 4 miles from Practical Anatomy and Surgical Education and offers the Art Museum, Science Center, Zoo, Jewel Box greenhouse, History Museum, 7.5-mile biking, jogging and skating path and lakes all for FREE. The downtown riverfront is a short cab ride from the hotels and offers attractions including the Old Cathedral, Gateway Arch and the Jefferson National Expansion Memorial and Museum.

Register On-Line at: http://pa.slu.edu

CONTINUING EDUCATION: *Saint Louis University School of Medicine designates this live activity for a maximum of 29.0 AMA PRA Category 1 Credit(s)™ for Physicians*
A certificate of attendance will be issued for Surgical Assistants. The certificate will reflect the activity was approved for AMA Credits. It is the responsibility of the participant to understand their boards CE approval process.
Physicians should only claim credit commensurate with the extent of their participation in the activity.

ACCREDITATION: Saint Louis University School of Medicine is accredited by the Accreditation Council for Continuing Medical Education to provide continuing medical education for physicians.
The education the participant gains through our CME activities does not satisfy training requirements to perform the surgery.
Practical Anatomy and Surgical Education, Attn:
Course Coordinator, 3839 Lindell Blvd., St. Louis, MO 63108 USA
Phone: (314) 977-7400 Fax: (314) 977-7345 | E-mail: pa@slu.edu Website: http://pa.slu.edu

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Practical Anatomy and Surgical Education
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St. Louis, MO 63108-3413 | USA

6th Annual
Hair Transplant 360 Workshop
Comprehensive Hair Transplant Course & FUE Hands-On Course
October 23-26, 2014 | http://pa.slu.

An offering through
Practical Anatomy and
Surgical Education
Center for Anatomical
Science and Education
Department of Surgery

SAINT LOUIS UNIVERSITY

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

In collaboration with

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

6th Annual

Hair Transplant 360 Workshop

Comprehensive Hair Transplant Course & FUE Hands-On Course





Course Director:
Samuel M. Lam, MD, FACS

Physician Faculty:
Marco N. Barusco, MD
Vance Elliott, MD
James A. Harris, MD, FACS
Lawrence E. Samuels, MD
Robert H. True, MD, MPH
Ken L. Williams, Jr., DO
William D. Yates, MD, FACS

Assistant Course Director:
Emina Karamanovski, MD

Assistant Faculty:
Tina Lardner
Aileen Ullrich
Shellie Henderson
Brandi Burgess

October 23-26, 2014
St. Louis, MO | USA

To learn more or to register - visit http://pa.slu.edu



PHYSICIANS
Course Schedule

Thursday, October 23, 2014

6:45 am Sign-in and Breakfast
7:15 am Laboratory Guidelines & Safety/ISHRS Introduction ..... S. Lam
7:30 am Principles of Hair Restoration & Scalp Anatomy ..... M. Barusco
7:45 am Medical Management of Hair Loss ..... S. Lam
8:00 am How Hair Grows with Live 2DHD Demo ..... V. Elliott
8:15 am Hairline Design with Live 3DHD Demo ..... M. Barusco
9:00 am Break & Exhibits
9:30 am Donor Evaluation & Graft Calculation Planning ..... W. Yates
9:45 am Anesthesia Considerations: How I Do It & Practical Tips ..... V. Elliott
10:15 am Donor Harvesting & Closure with Video/Live 3DHD Demo ..... V. Elliott
10:40 am Graft Dissection with Live 3DHD Demo ..... A. Ullrich
10:55 am Recipient-Site Size, Pattern, and Execution for the Hairline & Midscalp ..... V. Elliott
11:10 am Graft Placement with Live 3DHD/2DHD Demo ..... T. Lardner
11:25 am Graft Survival & Quality Control ..... E. Karamanovski
11:40 am Consultation with Live & 2DHD Demo ..... V. Elliott
12:10 pm Video Hair Transplant From Start to End ..... M. Barusco
12:30 pm Lunch & Exhibits

HANDS-ON CADAVER LAB Physician Faculty

1:00 pm Hairline Design
2:00 pm Recipient Site Creation
3:00 pm Break & Exhibits
3:30 pm Donor Harvesting & Closure
4:30 pm Graft Placement

5:30 pm Adjourn

Friday, October 24, 2014

6:45 am Sign-in and Breakfast
7:15 am History of Hair Restoration: What you need to know ..... L. Samuels
7:25 am Photography Principles ..... S. Lam
7:30 am Scalp Pathologies: Scarring & Non-Scarring Alopecias: What Every Surgeon Must Know ..... W. Yates
7:45 am The African Patient: Hair Loss & Hair Restoration ..... W. Yates
8:00 am Female Hair Loss & Hair Restoration with Live 3DHD Demo ..... S. Lam
8:20 am Crown Hair Restoration ..... S. Lam
8:35 am Temporal Hairline & Lateral Hump Reconstruction: Planning, Design, & Pitfalls ..... J. Harris
8:50 am Frontiers of Regenerative Medicine (PRP, ACell, ATP, etc.) ..... S. Lam
9:05 am Low Level Laser Therapy ..... S. Lam
9:15 am Hairpieces & Camouflaging Products for Hair Transplants ..... E. Karamanovski
9:30 am Break & Exhibits
10:00 am Non-Virgin Donor Planning & Harvesting Techniques ..... V. Elliott
10:20 am Eyebrow Hair Transplant ..... W. Yates
10:30 am Difficult Situations ..... W. Yates
10:50 am Storage Media ..... M. Barusco
11:00 am Surgical Operative Flow ..... E. Karamanovski
11:10 am Postoperative Care ..... R. True
11:20 am Guidelines for Your First Hair Transplant Case ..... V. Elliott
11:30 am Donor vs Recipient Density: Planning for Future Sessions ..... J. Harris
11:45 am Video Narration Case Study FUT ..... K. Williams
12:30 pm Lunch & Exhibits

HANDS-ON CADAVER LAB Physician Faculty

1:00 pm Customized Learning Stations: Basic Options: Hairline, Recipient Site, Donor Harvest, Ask an Expert
Advanced Options: Temporal Point, Crown, Female Hairline, Eyebrow Design
2:30 pm Break & Exhibits
3:00 pm Customized Learning Stations (Continued)
4:30 pm Slivering & Graft Dissection

6:00 pm Adjourn

Saturday, October 25, 2014

6:45 am Registration and Continental Breakfast
7:15 am Laboratory Guidelines & Safety/ISHRS Introduction ..... S. Lam
7:30 am FUE Basics ..... K. Williams
7:45 am FUE Instrumentation ..... K. Williams
8:00 am FUE Manual with Video and Live 3DHD Demo ..... J. Harris
8:15 am FUE vs. Strip Harvest: Selection & Critical Thinking ..... R. True
8:30 am FUE: My Experience with FUE devices – NeoGraft, Safe System and Cole PCID ..... K. Williams
9:00 am FUE: My Experience with ARTAS Robotic FUE ..... J. Harris
9:15am FUE: "How I Do It" ..... M. Barusco
9:30 am Break & Exhibits
10:00 am FUE Donor Management ..... R. True
10:15 am FUE Other Applications: Scarring, Revisions, Etc. ..... R. True
10:30 am FUE Round Table ..... S. Lam & Physician Faculty
10:55 am Video Narration Case Study FUE ..... K. Williams
11:15 am Use of Implanters in Hair Restoration ..... J. Harris
11:30 am Practice Management & Marketing ..... S. Lam
11:40 am Office Setup & Staff Management ..... E. Karamanovski
12:10 pm Body FUE Pearls, Pitfalls, Techniques ..... R. True
12:30 pm Lunch & Exhibits

HANDS-ON CADAVER LAB Physician Faculty

1:00 pm FUE Lab and Concurrent Customized Learning Stations: Basic options: Hairline, Recipient Site, Donor Harvest, Ask an Expert
Advanced Options: Temporal Point, Crown, Female Hairline, Eyebrow Design
2:30 pm Break & Exhibits
3:00 pm FUE Lab and Customized Learning Stations (Continued)

5:30 pm Adjourn

Sunday, October 26, 2014

7:00 am Sign-in and Continental Breakfast
7:30 am Hairline Naturalness Using PASSO: Critical Thinking ..... V. Elliott
7:50 am Difficult Cases Physician Faculty Panel ..... S. Lam & Physician Faculty
9:00 am Managing Complications Physician Faculty Panel ..... S. Lam & Physician Faculty
9:30 am Break & Exhibits
10:00 am How I Do It Physician Faculty Panel ..... S. Lam & Physician Faculty
11:00 am Managing Difficulties During Graft Preparation Assistant Faculty Panel ..... A. Ullrich & Assistant Faculty
11:45 am Managing Difficulties During Graft Placement Assistant Faculty Panel ..... T. Lardner & Assistant Faculty
12:15 pm Postoperative Care and Managing Complications Assistant Faculty Panel ..... E. Karamanovski & Assistant Faculty
1:00 pm Adjourn / Box Lunches To Go





SURGICAL ASSISTANTS
Course Schedule

Thursday, October 23, 2014

6:45 am Sign-In and Breakfast
7:15 am History of Hair Restoration & Safety/ISHRS Introduction ..... E. Karamanovski
7:30 am Principles of Hair Restoration & Hair Anatomy ..... E. Karamanovski
7:40 am Hair Loss Progression and Management ..... E. Karamanovski
7:50 am Video – Surgery Overview ..... E. Karamanovski
8:00 am SA Role: Overview ..... T. Lardner
8:10 am SA Role 1: Setting Up For Graft Preparation ..... B. Burgess
8:20 am Graft Preparation: Slivering ..... B. Burgess
8:30 am Graft Survival ..... E. Karamanovski
8:40 am Graft Preparation: Graft Dissection ..... A. Ullrich
8:50 am Clean Procedure and Lab Etiquette ..... A. Ullrich
9:00 am Break & Exhibits

HANDS-ON CADAVER LAB Assistant Faculty

9:30 am Microscope Guidelines & Basic Hand Movements: Inanimate Model ..... Assistant Faculty
10:00 am Slivering Cadaver Tissue ..... Assistant Faculty
12:30 pm Lunch & Exhibits

HANDS-ON CADAVER LAB Assistant Faculty

1:00 pm Dissecting Cadaver Tissue ..... Assistant Faculty
2:00 pm Slivering Cadaver Tissue ..... Assistant Faculty
3:00 pm Break & Exhibits

3:30 pm What I Learned From The Lab (interactive) ..... E. Karamanovski
3:45 pm Instrumentation for Graft Preparation and Proper Hand Movements ..... S. Henderson
4:00 pm Dissection Workflow and How to Increase Your Efficiency ..... S. Henderson
4:10 pm Why Do We Like Thin Slivers ..... B. Burgess
4:20 pm Graft Preservation: Cooling and Storage Solutions ..... B. Burgess
4:30 pm Graft Sorting & Counting: Examples ..... A. Ullrich
4:40 pm Graft Dissection: Challenges & Pearls ..... A. Ullrich
4:50 pm Graft Calculation and How To Estimate Total Yield ..... E. Karamanovski
5:00 pm Discussion ..... Assistant Faculty
5:30 pm Adjourn

Friday, October 24, 2014

6:45 am Sign-In and Breakfast

HANDS-ON CADAVER LAB Assistant Faculty

7:15 am Slivering & Graft Dissection ..... Assistant Faculty
9:30 am Break & Exhibits

10:00 am What I Learned From The Lab (interactive) ..... E. Karamanovski
10:10 am Graft Placement Principles ..... T. Lardner
10:20 am Graft Placement: Instrumentation & Proper Hand Movements ..... T. Lardner
10:30 am Graft Placement Challenges in Regards to Site Type and Location ..... T. Lardner
10:40 am SA role 2: Graft Placement (Flow & Team Communication) ..... A. Ullrich
10:50 am Patient Positioning For Placement: Chair and Pillows ..... A. Ullrich
11:00 am Graft Placement: Challenges And Pearls ..... B. Burgess
11:10 am Final Check – Proper Depth, Location, and Curl ..... B. Burgess
11:20 am Hair Curl: What, How and Why & Eyebrow: Challenges & Pearls ..... A. Ullrich
11:40 am Caring For Instruments ..... A. Ullrich
11:50 am Recipient Sites Direction: Hairline, Mid-scalp, Vertex, Temporal Points ..... S. Henderson
12:00 pm OR etiquette ..... S. Henderson
12:10 pm Poor Results: What Went Wrong ..... E. Karamanovski
12:20 pm Discussion ..... Assistant Faculty
12:30 pm Lunch & Exhibits

HANDS-ON CADAVER LAB Assistant Faculty

1:00 pm Graft Placement ..... Assistant Faculty
3:00 pm Break & Exhibits

3:30 pm Ergonomics and Visit Exhibitors for Instrument Instructions ..... T. Lardner
4:30 pm Ask an Expert: Practice Management ..... T. Lardner
5:30 pm Adjourn

Saturday, October 25, 2014

6:45 am Sign-In and Breakfast

HANDS-ON CADAVER LAB Assistant Faculty

7:15 am Graft Placement ..... Assistant Faculty
9:30 am Break & Exhibits

10:00 am What I Learned From The Lab (interactive) ..... E. Karamanovski
10:10 am From Consultation To Surgery: What, When and Why ..... A. Ullrich
10:20 am SA Role 3: Donor Shaving and Donor Preparation ..... A. Ullrich
10:30 am Surgical Flow: Who Does What ..... A. Ullrich
10:50 am SA Role 4: Donor Harvesting (strip and FUE) ..... E. Karamanovski
11:00 am Proper Graft Handling During Extraction ..... T. Lardner
11:10 am Post Operative Care: What, When and Why ..... B. Burgess
11:20 am Post Operative Care: Instructions ..... B. Burgess
11:30 am Post Operative Care: What To Expect ..... B. Burgess
11:40 am Follow-up Challenges: Bleeding, Dislodged Grafts, Cyst, Ingrown Hair ..... S. Henderson
11:50 am Staff Planning: Number of Assistants, Timing and Roles ..... S. Henderson
12:00 pm Your First Case ..... S. Henderson
12:15 pm Open Table Discussion .....
12:30 pm Lunch & Exhibits

HANDS-ON CADAVER LAB Assistant Faculty

1:00 pm Proper Graft Handling During Extraction/Improve Your Technique & Catch-Up Stations ..... Assistant Faculty
3:00 pm Break & Exhibits
3:30 pm Improve Your Technique & Catch-Up Stations

5:30 pm Adjourn

Sunday, October 26, 2014

7:30 am Sign-In and Breakfast
8:00 am Round Table Discussion ..... E. Karamanovski & Assistant Faculty
8:30 am Quiz
9:00 am Round Table Discussion: Quiz Overview ..... E. Karamanovski & Assistant Faculty
10:00 am Break & Exhibits
11:00 am Managing Difficulties during Graft Preparation Assistant Faculty Panel ..... A. Ullrich & Assistant Faculty
11:45 am Managing Difficulties During Graft Placement Assistant Faculty Panel ..... T. Lardner & Assistant Faculty
12:15 pm Postoperative Care and Managing Complications Assistant Faculty Panel ..... E. Karamanovski & Assistant Faculty
1:00 pm Adjourn/Box Lunches to Go