

Program Messages



Dr. Sam Lam

We have passed a great milestone of 10 years of educating the next generation of hair surgeons and are now going to celebrate our 11th year! Last year we had the biggest turnout ever of any course in the 27-year history of St. Louis University and was entirely sold out weeks before the course! For those who don't know about our program, we offer the most intense and comprehensive hands-on hair-transplant course that exists with extensive lectures and hands-on experience. I truly believe that impassioned lectures facilitate learning but are insufficient to fully grasp how to do hair restoration: the faculty must be able to see your hands

move to give you rapid feedback and correction on your technique. We offer you a significant amount of time, both structured and unstructured, in the world-class Zeiss laboratory to allow you to practice as long as you need until you feel confident. The unique live HD 3D and HD 2D lectures provide unparalleled experience. I have been leading this course now for a decade and I can say that I am still impressed with how unique the technology is at SLU's disposal for educating students. This past year we succeeded with our live Skype lectures from Korea and India, and this year we are targeting our live Skype lectureship to Brazil and Guatemala to bring you the best and brightest individuals on the international stage. We have one of the lowest faculty-to-student ratios in the industry and truly care about giving you a very customized and personalized coaching experience for you in and out of the lab. We hope that you can join us, and please bring your assistants (whether they are new to the field or established). Emina runs the most intense hands-on and critical thinking course, and your assistants will have an immersive experience that will give them the right footing to succeed with you. Your assistants will progress very fast in 3 days what would otherwise take them 6 months of in-house training to obtain. We look forward to seeing you for the first time and welcoming back our many return students who have seen the value in our course to return once again!



Dr. Emina Vance

I'm excited to welcome you to the most comprehensive training on graft preparation and placement designed both for surgical assistants and physicians. This is our 11th year and we have perfected our training models as well as our curriculum. The 2018 course was a great success! Every student left satisfied and inspired. In only a few days, we witnessed the transformation in students that would usually take 6 months if trained in a practicing office. Physicians who brought their assistants were overjoyed with their assistants' progress, and physicians who did not bring their assistants regretted not doing so.

The course is designed with a heavy focus on skill development and critical thinking. Its format allows for novice or experienced assistants and/or physicians to work side by side each other. Three days packed with information and over 15 hours of hands-on experience led by our world-class faculty make this course invaluable. The high-tech Zeiss lab equipped with stereo microscopes and fresh cadaver tissue allow students to spend hours practicing while receiving immediate feedback and guidance from highly experienced faculty. The didactic portion covers hair basics, different techniques of graft preparation and placement, post-operative care and most importantly critical thinking and quality control.

Hair restoration is a unique field in which correct graft preparation and placement are instrumental for the success of any practice. Having well-trained staff and knowing how to train staff to achieve consistent quality control are paramount goals for those who want to excel in the field of hair restoration. Whether you are a physician bringing your staff or are personally wanting to learn all aspects of hair restoration yourself, this is the course to attend!

Tuition Fees

Physicians:	\$1995
(\$200 Off for Returning Students!)	
Fellow/Resident/US Military:	\$1295
First Surgical Assistant:	\$1295
Second Surgical Assistant:.....	\$995
Three or more Surgical Assistants:.....	\$895



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 16 pre-recorded, comprehensive lectures covering medical and surgical hair restoration. In addition, you may earn 11.5 AMA PRA Category 1 Credits™ 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>

www.ISHRS.org

27th World Congress
November 13-17, 2019
Bangkok, Thailand

www.27thannual.org



The International Society of Hair Restoration Surgery (ISHRS) is the preeminent medical association in the hair restoration field composed of more than 1,200 members throughout 70 countries. The ISHRS is dedicated to achieving excellence in patient outcomes by promoting the highest standards of medical practice, medical ethics, and research in the medical hair restoration industry. The ISHRS provides continuing medical education to physicians specializing in hair transplant surgery. Among its CME Program, the annual ISHRS World Congress is a highlight of the year in which the latest techniques, treatments, and outcomes are shared, discussed and debated. It is not to be missed!



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 23.0 AMA PRA Category 1 Credit(s)™ for Physicians. 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 (ACCME) 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.

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.

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>

Friday Night Welcome Reception

Students are welcome to celebrate with us Friday night for a fun and unforgettable evening at no extra expense.

Course Director:

Samuel M. Lam, MD, FACS, FISHRS

Honored Guests:

Sharon A. Keene, MD, FISHRS

David S. Josephitis, DO, FISHRS

International Skype Lecturers:

Marie Andrée Schambach, MD

Mauro Speranzini, MD

Faculty:

Marco N. Barusco, MD, FISHRS

Steven P. Gabel, MD, FACS, FISHRS

Meena Singh, MD, FAAD

James A. Harris, MD, FACS, FISHRS

Nicole E. Rogers, MD, FAAD, FISHRS

Robert H. True, MD, MPH, FISHRS

Vance W. Elliott, MD, CCFP, FISHRS

Kenneth L. Williams, Jr., DO, FISHRS

Video Faculty:

Michael Ramsey

Ronald L. Shapiro, MD, FISHRS

Assistant Course Director:

Emina K. Vance, MD

Surgical Assistants Faculty:

Diana Carmona

Madalene Colon

Putrina Figueira-Collura

Rita Kardon, RN

Tina Lardner

Tereza O'Neil

Christine Reyes

Aileen Ullrich, MA

Faculty subject to change, for updates, please go to <http://pa.slu.edu>

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Practical Anatomy & Surgical Education
3839 Lindell Boulevard
St. Louis, Missouri, USA
63108-3413

11th Annual
Hair Transplant 360 Workshop

Comprehensive Hair Transplant Courses:
FUT & FUE Hands-on Course for Physicians
FUT & FUE Hands-on Course for Assistants

August 2-4, 2019 | <http://pa.slu.edu>



11th Annual

August 2-4, 2019

St. Louis, Missouri, USA

Hair Transplant 360 WORKSHOP

Comprehensive Hair Transplant Course: FUT & FUE Hands-on Course

Two Parallel Courses for Physicians & Staff

Sign Up Your Staff for The Intensive Hands-On Assistant Course!

- Newly Designed 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
- Unique Training Models

- Hairline Design
- Donor Harvest/Closure
- Recipient Site Creation
- Graft Dissection
- Graft Placement
- PRP, Laser, Etc.
- Crown Design
- Female Hairline Design
- Temporal Point Design
- Graft Calculation
- Marketing
- Consulting
- Medical Treatment
- Critical Thinking
- Quality Control
- FUE & FUT



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

Assistant Course Director:
Emina Vance, MD

and
International World-Class Faculty



In collaboration with:



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

<http://pa.slu.edu>

Friday, August 2, 2019

LECTURES

6:45 am	SIGN-IN and BREAKFAST
7:00 am	Laboratory Guidelines & Safety/ISHRS Introduction S. Lam
7:15 am	HAIR BASICS Scalp Anatomy Relevant for Every Hair Surgeon S. Gabel
7:35 am	HAIR BASICS Principles of Hair Transplantation S. Gabel
7:55 am	HAIRLINE DESIGN Simplified Macro Male Hairline Design: A Focus on Shape and Position V. Elliott
8:10 am	HAIRLINE DESIGN Live Demo of Male Hairline Design V. Elliott
8:25 am	ANESTHESIA FUT Scalp Anesthesia V. Elliott
8:45 am	ANESTHESIA FUE Scalp Anesthesia S. Lam
9:00 am	BREAK & EXHIBITS
9:30 am	DONOR REGION FUE vs. FUT Selection & Critical Thinking B. True
9:45 am	DONOR REGION FUT Graft Calculation & Planning S. Gabel
10:00 am	DONOR REGION FUT Donor Preparation, Tumescence, Harvesting & Closure V. Elliott
10:30 am	DONOR REGION FUE Donor Harvesting: Principles & Techniques J. Harris
10:45 am	RECIPIENT REGION How Hair Grows (Live Demo) S. Lam
11:00 am	RECIPIENT REGION Recipient-Site Creation Instrumentation & Design S. Lam
11:20 am	RECIPIENT REGION Recipient-Site Planning & Distribution V. Elliott
11:45 am	GRAFT PREPARATION FUT Slivering & Dissection (Video) A. Ullrich
11:50 am	GRAFT PREPARATION Graft Placement & FUE Graft Inspection (Video) T. Lardner
12:00 pm	GRAFT PREPARATION FUT Graft Dissection & Slivering (Live 3D Dissection Demo) E. Vance
12:15 pm	GRAFT PREPARATION FUT Graft Placement (Live Demo) E. Vance
12:25 pm	PRACTICE Information about the International Society of Hair Restoration Surgery (ISHRS) J. Harris
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	GROUP 1: FUT Donor Harvesting GROUP 2: FUE Donor Harvesting
4:30 pm	GROUP 1: FUE Donor Harvesting GROUP 2: FUT Donor Harvesting

LECTURES

5:30 pm	PRACTICE Patient Consultation (Live Demo) V. Elliott
6:00 pm	MEDICAL MANAGEMENT Finasteride for Men: Everything You Need to Know M. Singh
6:15 pm	MEDICAL MANAGEMENT Spironolactone, Finasteride, and Minoxidil for Women M. Singh
6:30-7:30 pm	Welcome Reception With Exhibitors - Serving St. Louis Favorites

Saturday, August 3, 2019

6:45 am	SIGN-IN & BREAKFAST
INTERNATIONAL SKYPE LECTURE	
7:00 am	FUE SPECIAL TOPICS Long-Hair FUE (Live from Guatemala) M. A. Schambach
LECTURES	
7:30 am	DONOR MANAGEMENT Age and Norwood Specific Transplant Planning: Principles of Safety & Long-Range Decision Making J. Harris
7:45 am	DONOR MANAGEMENT Strip FUT Donor vs Recipient Density: Planning for Future Sessions J. Harris
8:00 am	DONOR MANAGEMENT FUE and Strip FUT Donor Considerations (Video) R. Shapiro
8:20 am	DONOR MANAGEMENT FUE Donor Management: Planning for Future Sessions B. True
8:35 am	SPECIAL SURGICAL TOPICS Temporal Hairline & Lateral Hump Reconstruction: Planning, Design, & Pitfalls J. Harris
8:50 am	SPECIAL SURGICAL TOPICS Female Hair Loss & Hair Restoration S. Lam
9:05 am	SPECIAL SURGICAL TOPICS Crown Hair Transplant S. Lam
9:20 am	SPECIAL SURGICAL TOPICS Eyebrow Hair Transplant S. Lam
9:35 am	SPECIAL SURGICAL TOPICS FUE in African Patients: Pearls and Pitfalls B. True
9:45 am	SPECIAL SURGICAL TOPICS Tissue Expansion, Scalp Reduction, Scalp Lifts: What Every Hair Surgeon Should Know B. True
10:00 am	BREAK & EXHIBITS
LECTURES	
10:30 am	DERMATOLOGY Scalp Pathologies: Scarring & Non-Scarring Alopecias: What Every Surgeon Must Know M. Singh
10:45 am	DERMATOLOGY Dermoscopy Fundamentals & How I Use It N. Rogers
11:00 am	PRACTICE FUE Operative Set Up and Time Flow (Video) D. Josephitis
11:15 am	PRACTICE FUT Operative Set Up and Time Flow (Video) S. Keene
11:30 am	PRACTICE Postoperative Care B. True
11:45 am	ANCILLARY MEASURES Storage Solutions & Graft Survival Studies M. Barusco
12:00 pm	GRAFT MANAGEMENT Critical Thinking During Graft Preparation and Placement E. Vance
12:15 pm	PRACTICE Camouflaging Products & Procedures: What You Need to Know E. Vance
12:20 pm	PRACTICE General Office Setup: How to Select Instruments & Staff E. Vance
12:30 pm	LUNCH & EXHIBITS



HANDS-ON CADAVER LAB Physician & Assistant Faculty

1:00 pm	GROUP A: Customized Learning Stations: Hairline, Recipient Site, Strip FUT Donor Harvest, FUE Donor Harvest, Temporal Point & Eyebrow Design, Crown Design, Female Hairline Design GROUP B: Graft Placement: Manual & With Implanters. GROUP C: Graft Preparation
1:40 pm	GROUP A: Graft Preparation GROUP B: Customized Learning Stations: Hairline, Recipient Site, Strip FUT Donor Harvest, FUE Donor Harvest, Temporal Point & Eyebrow Design, Crown Design, Female Hairline Design GROUP C: Graft Placement: Manual & With Implanters
2:20 pm	GROUP A: Graft Placement: Manual & With Implanters GROUP B: Graft Preparation GROUP C: Customized Learning Stations: Hairline, Recipient Site, Strip FUT Donor Harvest, FUE Donor Harvest, Temporal Point & Eyebrow Design, Crown Design, Female Hairline Design
3:00 pm	BREAK & EXHIBITS
3:30 pm	Groups A, B, C Customized Learning Stations: Hairline, Recipient Site, Strip FUT Donor Harvest, FUE Donor Harvest, Temporal Point Design, Crown Design, Female Hairline Design, Eyebrow Design, Ask an Expert

LECTURES

5:00 pm	GRAFT MANAGEMENT Critical Thinking "What Went Wrong?" E. Vance
5:15 pm	ANCILLARY MEASURES Low-Level Laser Therapy M. Barusco
5:30 pm	ANCILLARY MEASURES Frontiers of Regenerative Medicine (PRP, ACell, ATP, Stem Cells) S. Lam
5:45 pm	PRACTICE How I Do It Physician Faculty Panel S. Lam & Physician Faculty
6:05 pm	PRACTICE Managing Complications Physician Faculty Panel S. Lam & Physician Faculty
6:30 pm	ADJOURN

Sunday, August 4, 2019

6:45 am	SIGN-IN & BREAKFAST
INTERNATIONAL SKYPE LECTURE	
7:00 am	FUE SPECIAL TOPICS Graft Implantation: Forceps or Implanters, When and Why (Live from Brazil) M. Speranzini
LECTURES	
7:30 am	PRACTICE Photography Basics & Set Up S. Lam
7:40 am	PRACTICE Practice Management & Leadership S. Lam
7:55 am	PRACTICE Marketing 101 for a Hair Restoration Business (Video) M. Ramsey
8:05 am	PRACTICE Preparing for the ABHRS Exam & Ethics for the Hair Surgeon M. Barusco
8:20 am	PRACTICE Small Cases: How to Start Small but Think Big N. Rogers
8:40 am	FUE SPECIAL TOPICS FUE Instrumentation & Punch Characteristics K. Williams
9:00 am	FUE SPECIAL TOPICS Body FUE Pearls, Pitfalls, Techniques B. True
9:15 am	FUE SPECIAL TOPICS FUE Complications and Difficult Situations B. True
9:30 am	BREAK & EXHIBITS
10:00 am	FUE SPECIAL TOPICS FUE Other Applications: Scarring, Revisions, Etc. B. True
10:30 am	SPECIAL SURGICAL TOPICS Difficult Situations N. Rogers
11:00 am	SPECIAL SURGICAL TOPICS Difficult Cases S. Lam & Physician Faculty
11:30 am	Closing Remarks & ADJOURN/FACILITIES CLOSE S. Lam

Friday, August 2, 2019

6:45 am	Sign-In & Breakfast
7:00 am	Welcome S. Lam
LECTURES	
7:15 am	Faculty Introduction, Course and Handout Overview E. Vance
7:30 am	HAIR BASICS Hair Anatomy & Principles of Hair Restoration E. Vance
7:45 am	PRACTICE & SETUP Surgery Overview E. Vance
8:00 am	PRACTICE & SETUP Clean Procedure & Lab Etiquette A. Ullrich
8:10 am	TECHNIQUE Principle of Slivering & Graft Dissection A. Ullrich
8:25 am	TECHNIQUE Trimming & Sorting A. Ullrich
8:35 am	TECHNIQUE Magnification & Instrumentation A. Ullrich
8:45 am	TECHNIQUE Principle of Graft Placement T. Lardner
9:00 am	TECHNIQUE Placing Strategy T. Lardner
9:10 am	TECHNIQUE Magnification & Instrumentation T. Lardner
9:20 am	LAB OBJECTIVES: E. Vance
<ul style="list-style-type: none"> • Graft Preparation: Work Under the Microscope, Dissect Slivers to Produce Intact Follicular Units, Dissect Tissue to Produce Good Slivers, Keep Tissue Moist • Graft Placement: Grasp Grafts Correctly, Insert Grafts Smoothly & at Correct Depth, Place Grafts on Either Side of the Head & Crown, Orient Hair Curl Correctly 	
9:30 am	Break & Exhibits

HANDS-ON CADAVER LAB Assistant Faculty

9:45 am	Demonstration: Microscope Adjustments, Dissection, Slivering
10:00 am	Hand-and-eye Coordination (inanimate model)
10:10 am	Dissection & Graft Preparation
12:30 pm	LUNCH & EXHIBITS
1:00 pm	Demonstration: Graft Placement
1:15 pm	Graft Placement
3:00 pm	BREAK & EXHIBITS

LECTURES

3:30 pm	CRITICAL THINKING Graft Preparation & Placement E. Vance & Faculty
4:00 pm	TECHNIQUE Principle of Graft Removal in FUE T. Lardner
4:10 pm	TECHNIQUE FUE Graft Evaluation T. Lardner
4:20 pm	TECHNIQUE Magnification & Instrumentation T. Lardner
4:30 pm	TECHNIQUE Principle of Graft Placement using Implanters T. Lardner
4:40 pm	LAB OBJECTIVES: Graft Removal (Hand-over-hand, Push-and-pull), Using Implanters T. Lardner

HANDS-ON CADAVER LAB Assistant Faculty

5:00 pm	Demonstration: • Graft Removal in FUE • Loading & Emptying Implanters
5:45 pm	Graft Removal in FUE & Loading Implanters (Rotations)
6:30 pm	Adjourn
6:30-7:30pm	Welcome Reception With Exhibitors Serving St. Louis Favorites

Saturday, August 3, 2019

6:45 am	Sign-In and Breakfast
LECTURES	
7:00 am	CRITICAL THINKING Quality Control in Graft Preparation & Placement E. Vance & Faculty
7:30 am	TECHNIQUE: Challenges in Graft Preparation A. Ullrich
7:45 am	TECHNIQUE: Challenges in Graft Placement & Extraction T. Lardner

HANDS-ON CADAVER LAB Assistant Faculty

8:00 am	Catchup Stations: Slivering, Dissection, Graft Placement, FUE Graft Removal, Implanters
9:30 am	BREAK & EXHIBITS
10:00 am	Catchup Stations: Slivering, Dissection, Graft Placement, FUE Graft Removal, Implanters
12:30 pm	LUNCH & EXHIBITS
LECTURES	
1:00 pm	PRACTICE & SETUP Surgical Assistant Role A. Ullrich
1:20 pm	PRACTICE & SETUP Postoperative Care A. Ullrich
1:40 pm	PRACTICE & SETUP Patient Positioning for Placement: Chair and Pillows A. Ullrich
2:00 pm	PRACTICE & SETUP Surgical Flow Chart: Who Does What in Surgery A. Ullrich
2:20 pm	PRACTICE & SETUP Office Setup, Equipment and Instruments A. Ullrich
2:40 pm	PRACTICE & SETUP Setting Up the Office: What We Like and Why A. Ullrich
3:00 pm	CRITICAL THINKING Ask An Expert A. Ullrich
3:15 pm	PRACTICE & SETUP Visiting Vendors: What We Like and Why A. Ullrich
3:30 pm	BREAK & EXHIBITS

HANDS-ON CADAVER LAB Assistant Faculty

4:00 pm	Catchup Stations: Slivering, Dissection, Graft Placement, FUE Graft Removal, Implanters
6:30 pm	Adjourn

Sunday, August 4, 2019

6:45am	Sign-In and Breakfast
LECTURES	
7:00 am	CRITICAL THINKING Round Table Discussion E. Vance & Faculty

HANDS-ON CADAVER LAB Assistant Faculty

7:30 am	Catchup Stations: Slivering, Dissection, Graft Placement, FUE Graft Removal, Implanters
10:00 am	BREAK & EXHIBITS
LECTURES	
10:30 am	CRITICAL THINKING Ask an Expert & Round Table Discussion E. Vance & Faculty
11:30 am	ADJOURN/FACILITIES CLOSE