

12th Annual

JULY 24-25, 2020

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 ...2 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

Honored Guest Speakers:

Ricardo Mejia, MD, FAAD

Ken Washenik, MD, PhD, FISHRs

Carlos K. Wesley, MD

International World-Class Faculty

In collaboration with



SAINT LOUIS UNIVERSITY.

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

slu.edu/medicine/pase

Welcome!



Dr. Sam Lam

In 2018 we had the biggest turnout ever of any course in the 27-year history of Saint Louis University and was entirely sold out weeks before the course, and in 2019 we surpassed that number with a sold-out course making it the largest course in Saint Louis University's history. 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 for 11 years now, 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 Guatemala and Brazil, and this year we are targeting our live Skype lectureship to Belgium and Brazil to bring you the best and brightest individuals on the international stage. We are also adding an extensive advanced video lecture series that will be mailed to you after the completion of the course! 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 a short time that 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 12th year and we have perfected our training models as well as our curriculum. The 2019 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. 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, postoperative 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

All fees are denoted in U.S. Dollars (USD)

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

Advanced Video Lecture Series

As part of this course, after completion of the course to further enhance your education and development as a hair surgeon, physician attendees will receive a link to an online package of videos and video lectures by prominent surgeons from across the world.

Female Hairline Lowering	James E. Vogel, MD, FISHRS
Eyebrow Hair Transplant.....	Marc S. Dauer, MD
Beard and Body Hair Transplant	Jeffrey S. Epstein, MD, FISHRS
Scalp Micropigmentation	Sara L. Salas, MD
Understanding FUE Instrumentation.....	Arthur Tykocinski, MD, FISHRS
Implanters	Mauro Speranzini, MD
Oral Minoxidil Usage	Damkerng Pathomvanich, MD, FISHRS
Tissue Expanders, Flaps, & Reductions	Robert H. True, MD, MPH, FISHRS
Scalp Micropigmentation - Techniques and Safety	Greg Williams, MBBS, FRCS, FISHRS and Dawn Forshaw

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>

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!



www.ISHRS.org
 28th World Congress
 October 21-24, 2020 | Panama City, Panama
www.28thannual.org



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 Online at <http://slu.edu/medicine/pase>

CONTINUING EDUCATION: Saint Louis University School of Medicine designates this live activity for a maximum of: *19.5 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 *19.75 AMA PRA Category 1 Credit(s)*[™]. 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://slu.edu/medicine/pase>

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:

Ricardo Mejia, MD, FAAD

Ken Washenik, MD, PhD, FISHRS

Carlos K. Wesley, MD

International Skype Lecturers:

Ricardo Lemos, MD

Emorane Lupanzula, MD

Faculty:

Vance W. Elliott, MD, CCFP, FISHRS

Steven P. Gabel, MD, FACS, FISHRS

Michael S. Ramsey, MBA

Nicole E. Rogers, MD, FAAD, FISHRS

Lawrence Samuels, MD, FISHRS

Marie Schambach, MD

Robert H. True, MD, MPH, FISHRS

Kenneth L. Williams, Jr., DO, FISHRS

Video Faculty:

Marc S. Dauer, MD

Jeffrey S. Epstein, MD, FISHRS

Dawn Forshaw

David Josephitis, DO, FISHRS

Damkerng Pathomvanich, MD, FISHRS

Sara L. Salas, MD

Ronald L. Shapiro, MD, FISHRS

Mauro Speranzini, MD

Robert H. True, MD, MPH, FISHRS

Arthur Tykocinski, MD, FISHRS

James E. Vogel, MD, FISHRS

Greg Williams, MBBS, FRCS, FISHRS

Assistant Course Director:

Emina K. Vance, MD

Surgical Assistants Faculty:

Kathy Barile, RN

Diana Carmona

Stacy Castillo

Madelene Colon

Putrina Figueira-Collura

Theresa Hanson

Rita Kordon, RN

Tina Lardner

Hannah Mehsikomer

Aileen Ullrich, CMA

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

Physicians Schedule



Friday, July 24, 2020

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
8:40 am	ANESTHESIA FUE Scalp Anesthesia	S. Lam
9:00 am	Break & Exhibits	
9:30 am	DONOR REGION FUE vs. FUT Selection & Critical Thinking	R. 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	M. Schambach
10:45 am	RECIPIENT REGION How Hair Grows (Live Demo)	S. Lam
10:55 am	RECIPIENT REGION Recipient-Site Creation Instrumentation & Design	S. Lam
11:10 am	RECIPIENT REGION Recipient-Site Planning & Distribution	V. Elliott
11:35 am	GRAFT PREPARATION FUT Slivering & Dissection (Video)	A. Ullrich
11:40 am	GRAFT PREPARATION Graft Placement & FUE Graft Inspection (Video)	T. Lardner
11:50 pm	GRAFT PREPARATION FUT Graft Dissection & Slivering (Live 3D Dissection Demo)	E. Vance
12:05 pm	GRAFT PREPARATION FUT Graft Placement (Live Demo)	E. Vance
12:15 pm	PRACTICE Information about the International Society of Hair Restoration Surgery (ISHRS)	K. Williams
12:25 pm	PRACTICE Preparing for the ABHRS Exam & Ethics for the Hair Surgeon	K. Williams
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
5:40 pm	MEDICAL MANAGEMENT Everything You Need to Know for the Male & Female Patient	K. Washenik
6:00 pm	DERMATOLOGY Scalp Pathologies: Scarring & Non-Scarring Alopecias: What Every Surgeon Must Know	N. Rogers
6:15 pm	DERMATOLOGY Dermoscopy Fundamentals & How I Use It	N. Rogers
6:30-7:30 pm	Welcome Reception With Exhibitors - Serving St. Louis Favorites	

Saturday, July 25, 2020

6:45 am SIGN-IN & BREAKFAST

INTERNATIONAL SKYPE LECTURES

7:00 am	FUE Donor Management for Advanced Alopecia (Live from Belgium)	E. Lupanzula
7:20 am	Long-Hair FUT (Live from Brazil)	R. Lemos

LECTURES

7:40 am	DONOR MANAGEMENT Age & Norwood Specific Transplant Planning: Principles of Safety & Long-Range Decision Making	S. Gabel
7:55 am	DONOR MANAGEMENT Strip FUT Donor vs Recipient Density: Planning for Future Sessions	S. Gabel
8:10 am	DONOR MANAGEMENT FUE and Strip FUT Donor Considerations (Video)	R. Shapiro
8:30 am	DONOR MANAGEMENT FUE Donor Management: Planning for Future Sessions	R. True
8:45 am	SPECIAL SURGICAL TOPICS Temporal Hairline & Lateral Hump Reconstruction: Planning, Design, & Pitfalls	S. Lam
9:00 am	SPECIAL SURGICAL TOPICS Female Hair Loss & Hair Restoration	S. Lam
9:15 am	SPECIAL SURGICAL TOPICS Crown Hair Transplant	S. Lam
9:30 am	SPECIAL SURGICAL TOPICS Eyebrow Hair Transplant	S. Lam
9:45 am	SPECIAL SURGICAL TOPICS FUE Skin-Type Challenges, Complications, and Difficult Situations	R. True
10:00 am	Break & Exhibits	

LECTURES

10:30 am	PRACTICE FUE Operative Set Up and Time Flow (Video)	D. Josephitis
10:40 am	PRACTICE FUT Operative Set Up and Time Flow (Video)	K. Williams
10:50 am	PRACTICE Postoperative Care	R. True
11:00 am	SPECIAL SURGICAL TOPICS Body FUE Pearls, Pitfalls, Techniques	R. True
11:15 am	SPECIAL SURGICAL TOPICS FUE Other Applications: Scarring, Revisions, Etc.	R. True
11:30 am	SPECIAL SURGICAL TOPICS Difficult Cases	S. Lam & Physician Faculty
11:45 am	ANCILLARY MEASURES Storage Solutions & Graft Survival Studies	C. Wesley
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, FUT Donor Harvest, FUE Donor Harvest, Crown Design, Female Hairline Design, Dermoscopy, Business Development & Marketing GROUP B: Graft Placement: With Forceps & Implanters. GROUP C: Graft Preparation
2:00 pm	GROUP A: Graft Preparation GROUP B: Customized Learning Stations: Hairline, Recipient Site, FUT Donor Harvest, FUE Donor Harvest, Crown Design, Female Hairline Design, Dermoscopy, Business Development & Marketing GROUP C: Graft Placement: With Forceps & Implanters
3:00 pm	GROUP A: Graft Placement: With Forceps & Implanters GROUP B: Graft Preparation GROUP C: Customized Learning Stations: Hairline, Recipient Site, FUT Donor Harvest, FUE Donor Harvest, Crown Design, Female Hairline Design, Dermoscopy, Business Development & Marketing

4:00 pm Break & Exhibits

LECTURES

4:30 pm	SPECIAL SURGICAL TOPICS FUE Instrumentation & Punch Characteristics	K. Williams
4:40 pm	SPECIAL SURGICAL TOPICS Difficult Situations	N. Rogers
5:00 pm	GRAFT MANAGEMENT Critical Thinking "What Went Wrong?"	E. Vance
5:15 pm	ANCILLARY MEASURES Low-Level Laser Therapy (LLLT)/Photobiomodulation (PBM)	R. Mejia
5:25 pm	ANCILLARY MEASURES Frontiers of Regenerative Medicine (PRP, ACell, Stem Cells)	S. Lam
5:40 pm	PRACTICE Practice Management & Leadership	S. Lam
5:50 pm	PRACTICE Small Cases: How to Start Small but Think Big	N. Rogers
6:00 pm	PRACTICE Marketing 101 for a Hair Restoration Business	M. Ramsey
6:10 pm	PRACTICE How I Do It Physician Faculty Panel	S. Lam & Physician Faculty
6:30 pm	Closing Remarks & Adjourn	S. Lam & E. Vance

Assistants Schedule

Friday, July 24, 2020

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 (Video)
 8:00 am **PRACTICE & SETUP** Clean Procedure & Lab Etiquette (video) A. Ullrich
 8:10 am **TECHNIQUE** Principle of Slivering & Graft Dissection A. Ullrich
 8:15 am **TECHNIQUE** Trimming & Sorting A. Ullrich
 8:20 am **TECHNIQUE** Magnification & Instrumentation A. Ullrich
 8:25am **TECHNIQUE** Principle of Graft Placement T. Lardner
 8:35 am **TECHNIQUE** Placing Strategy T. Lardner
 8:40 am **TECHNIQUE** Magnification & Instrumentation T. Lardner
 8:50 am **TECHNIQUE** Principle of Graft Removal in FUE..... T. Lardner
 9:00 am **TECHNIQUE** FUE Graft Evaluation T. Lardner
 9:10 am **TECHNIQUE** Magnification & Instrumentation T. Lardner
 9:15 am **TECHNIQUE** Principle of Graft Placement using Implanters..... T. Lardner

9:25 am **LAB OBJECTIVES** Overview
 • Work Under the Microscope, Dissect Slivers to Produce Intact Follicular Units, Dissect Tissue to Produce Good Slivers, Keep Tissue Moist
 • Grasp Grafts Correctly, Insert Grafts Smoothly & at Correct Depth, Place Grafts on Either Side of the Head & Crown, Orient Hair Curl Correctly
 • Graft Removal: Hand-over-hand, Push-and-pull, Loading & Emptying Implanters..... E. Vance

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 & Slivering
 12:15 pm Lunch & Exhibits
 12:45 pm Demonstration: Graft Placement
 1:00 pm Graft Placement
 3:00 am Break & Exhibits

LECTURES

3:40 pm **CRITICAL THINKING** Graft Trimming & Sorting E. Vance & Faculty
 3:50 pm **CRITICAL THINKING** Round Table Discussion..... E. Vance & Faculty

HANDS-ON CADAVER LAB Assistant Faculty

4:00 pm Demonstration:
 • Graft Removal in FUE
 • Loading & Emptying Implanters
 4:15 pm Graft Removal in FUE & Loading Implanters (Rotations)
 5:00 pm Catchup Stations: Slivering, Dissection, Graft Placement, FUE Graft Removal, Implanters
 6:30-7:30pm Welcome Reception With Exhibitors - Serving St. Louis Favorites

Saturday, July 25, 2020

6:45 am Sign-In and Breakfast

LECTURES

7:00 am **CRITICAL THINKING** Quality Control in Graft Preparation & Placement..... E. Vance & Faculty

HANDS-ON CADAVER LAB Assistant Faculty

7:30 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

12:15 pm Lunch & Exhibits

LECTURES

12:45 pm **PRACTICE & SETUP** SA Role A. Ullrich
 1:30 pm **PRACTICE & SETUP** Postoperative Care..... A. Ullrich
 1:45 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
 2:30 pm **PRACTICE & SETUP** Office Setup Equipment and Instruments A. Ullrich
 2:45 pm **PRACTICE & SETUP** Setting Up the Office: What We Like and Why..... A. Ullrich
 3:00 pm Break & Exhibits

INTERNATIONAL VIDEO LECTURES

3:30 pm **PRACTICE & SETUP** FUE Surgical Flow M. Schambach
 3:40 pm **TECHNIQUE** Graft Implantation: Forceps or Implanters, When and Why M. Speranzini
 3:55 pm **TECHNIQUE** Long-Hair FUT R. Lemos
 4:05 pm **CRITICAL THINKING** Ask an Expert..... A. Ullrich

HANDS-ON CADAVER LAB Assistant Faculty

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

6:15 pm Round Table Discussion & Closing Remarks E. Vance & Assistant Faculty

6:30 pm Adjourn

