

15th ANNUAL
HAIR TRANSPLANT
360 WORKSHOP

JULY 19-20, 2024

ST. LOUIS, MISSOURI, USA

**Comprehensive Hair Transplant Course:
Linear-Strip Excision (LSE) & FUE Hands-on Course**

Two Parallel Courses for Physicians & Staff

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

- Hairline Design
- Donor Harvest
- 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 & LSE



Course Directors:

Samuel M. Lam, MD, FACS, FISHS

Steven Gabel, MD, FACS, FISHS

Assistant Course Director:

Aileen Ullrich, MA

Honored Guests:

Jean Devroye, MD, FISHS

Parsa Mohebi MD, FISHS

And International World-Class Faculty

slu.edu/medicine/pasw

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

SAINT LOUIS



UNIVERSITY.

In collaboration with



Welcome!



Sam Lam, MD, FACS, FISHS

I ran my first, and perhaps only, course in Fort Lauderdale sponsored by QMP/Marina Medical in which I gave all 18 lectures and ran the entire cadaver lab. I am so glad that I had that experience, which was recorded for posterity in video format and which I hope will help beginner students who take the St. Louis course. In addition, that course was a fertile ground for me to experiment with new ideas of lecturing and lab work that would have a direct impact on my St. Louis students. First and foremost, I learned that completely fresh tissue was the new gold standard for cadaver use, as compared with fresh frozen, which is what we used in the past and even before that was preserved tissue. I also have migrated from separated scalps back to full heads. These two components have been translated back to St. Louis in measurable ways to enhance student learning. Also, I have formulated new ways of teaching students on podium that I have shared

with my co-director Steve Gabel and key faculty members, and which have also been recorded in my new textbook, Hair Transplant 101 (QMP). Finally, Steve and I have reconceptualized how we have approached the International Skype lecturer and will be now flying that lecturer from abroad for a more intimate experience for students who will partake of that knowledge throughout the entire course rather than for a 20-minute slice of time. Our international lecturer for 2024 will be Jean Devroye, MD, FISHS, the pioneer behind the state-of-the-art WAW device, which I personally use and love. He will be added to the impressive line-up of faculty including our other honored guest Parsa Mohebi, MD, FISHS from Los Angeles. We have prepared the 2024 syllabus early this year and are ready to blow your minds with another excellent outing in 2024! Join us! Sign up early and don't miss it!



Steven Gabel, MD, FACS, FISHS

I am again delighted to serve as the co-director of the 2024 Hair Transplant 360 Workshop. Each year the course gains in popularity because of the outstanding didactic lectures and hands-on portion of the course. The course is designed for both the beginner and intermediate hair restoration physician to learn new information and increase knowledge of important, cutting-edge topics. We have lined up our faculty who are experts in the field of hair restoration surgery who will be giving lectures and providing small group instruction in the laboratory. The course will demonstrate various techniques in follicular unit excision (FUE) with a variety of motorized devices to learn from as well as removal of donor hair via the linear strip method. We will have several stations set up in the laboratory to learn how to make sites and how to use forceps and implanters for graft placement.

In 2024, we are honored to have as our guest lecturers, Jean Devroye, MD, FISHS from Brussels and Parsa Mohebi, MD, FISHS from California, who will be giving lectures on various aspects of FUE donor harvesting. Combined, they have years of experience in the field of hair restoration surgery and are pioneers in the development of instrumentation for FUE donor harvesting.

The workshop has been designed to provide a comprehensive program in hair restoration surgery, and we look forward to seeing you in 2024..

Aileen Ullrich, MA



We would like to extend a warm welcome for you to join us at the Hair Transplant 360 hands-on Surgical Assistants' Workshop in 2024. We designed this program to teach not only the key aspects of assisting in both Linear Strip Excision (LSE) and Follicular Unit Excision (FUE) procedures but also to provide practical value for the entire hair restoration team.

Key principles of graft survival are taught and then applied under the direct supervision of our experienced faculty in the hands-on cadaver lab using real scalp tissue. This format aids participants in developing good habits that can be easily transferred to the clinic environment. Attendees are introduced to various techniques of graft preparation and placement using a variety of instrumentation including implanters and forceps. Seasoned faculty provide real-time feedback as they guide students in building new and improving upon existing skills. Interactive-group

discussions expose participants to the complexity of hair restoration surgery, encourage them to think critically, and foster open communication among team members.

Year after year students choose to attend this course because of its excellent reputation. Many have found such value in the workshop that they return repeatedly and recommend the course to their colleagues as well. We are so grateful for your enthusiasm and happy to share with you our passion for hair restoration.

Physicians, we encourage you and your assistants to join us, as we are confident that you will leave with a greater depth of knowledge, improved skill sets, and a team mindset focused on improvement.

We hope to see you in Saint Louis in 2024!



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
slu.edu/medicine/pase***

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.

To register or to find information on the course, accreditation, or the course credit designation, please visit our website: <http://slu.edu/medicine/pase>



Practical Anatomy and Surgical Education
Attn: Course Coordinator
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Phone: (314) 977-7400
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Website: <http://slu.edu/medicine/pase>

Course Director:

Samuel M. Lam, MD, FACS, FISHRS

Course Co-Director:

Steven Gabel, MD, FACS, FISHRS

Honored Guests:

Jean Devroye, MD, FISHRS

Parsa Mohebi MD, FISHRS

Faculty:

Marco N. Barusco, MD, FISHRS

Kenneth Buchwach, MD

Vance W. Elliott, MD, FISHRS

David Josephitis, DO, FISHRS

Nicole E. Rogers, MD, FAAD, FISHRS

Paul T. Rose, MD, JD, FAAD, FISHRS

Larry Samuels, MD

Marie Schambach, MD, FISHRS

Video Faculty:

Juliana Guida

Christina Smith

Mauro Speranzini, MD

Emina K. Vance

Assistant Course Director:

Aileen Ullrich, MA

Surgical Assistants Faculty:

Joy Alin

Susana Andrade

Laura Burdine

Lisa Kozak

Tina Lardner

June Pally

Nancy Rayas

Al Romero

Travis Wilson

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

Tuition Fees

Physicians:

\$3500

\$400 off Early Bird Registration
by February 1st

Fellow/Resident/US Military:

\$1950

Surgical Assistants:

\$2250

\$200 off Early Bird Registration
by February 1st

*Early bird discount only applicable if paid in full by February 1, 2024. All fees are denoted in U.S. Dollars (USD)
If cancellation is received prior to June 28, 2024, you will receive a 90% refund of your registration fee.
Please note that it will take 5-10 business days for the refund to be posted back to your account.*

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
FUE vs. LSE Donor Considerations	Ronald L. Shapiro, MD, FISHRS
Correcting Facelift Scars, Emergency Medical Management, How to Build A Hair-Transplant Business, Planning Hair-Transplant Cases for Beginners, Recipient-Site Planning & Design, Surgical Hairline Lowering.....	Mario Marzola, MBBS

Suggested Viewing

ISHRS On-Demand Basics Bundle Enduring Material, Online Format

For those new to hair restoration surgery, it is highly encouraged that you take this self-paced, online learning program prior to the Workshop. It is an excellent primer and will enable you to get the most out of the Workshop. It was developed by the CME Committee of the International Society of Hair Restoration Surgery and includes pre-recorded, comprehensive lectures covering medical and surgical hair restoration. It includes over 80 lectures for a combined 24 hours of education. You can watch the full bundle or click through to the topics as you choose.

The fee is \$299 for members of the ISHRS, \$395 for member applicants, and \$449 for non-members.

For the list of lectures and to order, go to: <https://ishrs.org/basics-course/>

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

Physicians

Friday, July 19, 2024

6:45 am SIGN-IN and BREAKFAST

LECTURES

7:00 am	Introduction & Laboratory Guidelines	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 & S. Lam	
8:30 am	ANESTHESIA Linear-Strip Excision (LSE) and FUE Anesthesia.....	S. Lam	
9:00 am	BREAK & EXHIBITS		
9:30 am	DONOR REGION FUE vs. LSE Selection & Critical Thinking.....	M. Schambach	
9:45 am	DONOR REGION Graft Calculation & Planning	S. Gabel	
10:00 am	DONOR REGION LSE 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 MANAGEMENT LSE Slivering & Dissection (Video)	A. Ullrich	
11:40 am	GRAFT MANAGEMENT Graft Placement & FUE Graft Inspection (Video).....	T. Lardner	
11:50 pm	GRAFT MANAGEMENT Graft Quality & Survival (Video)	E. Vance	
12:00 pm	PRACTICE Information about the International Society of Hair Restoration Surgery (ISHRS)		
	PRACTICE Preparing for the American Board of Hair Restoration Surgery (ABHRS) Exam & Ethics for the Hair Surgeon		M. Barusco
12:15 pm	LUNCH & EXHIBITS		

HANDS-ON CADAVER TISSUE LABPhysician Faculty

1:00 pm	Hairline Design	
2:00 pm	Recipient-Site Creation	
3:00 pm	Break & Exhibits	
3:30 pm	GROUP 1: LSE Donor Harvesting	GROUP 2: FUE Donor Harvesting
4:30 PM	GROUP 1: FUE Donor Harvesting	GROUP 2: LSE Donor Harvesting

LECTURES

5:30 pm	DERMATOLOGY Dermoscopy Fundamentals & How I Use It.....	N. Rogers
5:45 pm	MEDICAL MANAGEMENT Medical Management for Male and Female Hair Loss.....	D. Josephitis
6:00 pm	MEDICAL MANAGEMENT Regenerative Medicine	S. Gabel
6:15 pm	Patient Consultation (Live Demo).....	V. Elliott
6:30 pm	Adjourn – Shuttles to Hotels	

NOTE:

Please go to: slu.edu/medicine/pase
for new safety guidelines to be implemented during workshops.

Physicians

Saturday, July 20, 2024

6:45 am SIGN-IN & BREAKFAST

LECTURES

7:00 am	HONORED GUEST LECTURE Evolution of Punch Design.....	J. Devroye
7:20 am	HONORED GUEST LECTURE Concepts and Techniques of Utilizing Implanters in Hair Restoration Surgery.....	P. Mohebi
7:40 am	DONOR MANAGEMENT Age and Norwood Specific Transplant Planning: Principles of Safety & Long-Range Decision Making .	S. Gabel
7:55 am	DONOR MANAGEMENT FUE vs. LSE Decision-Making	S. Lam
8:10 am	DONOR MANAGEMENT FUE Donor Math	P. Rose
8:30 am	DONOR MANAGEMENT FUE Donor Management: Planning for Future Sessions.....	M. Schambach
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.....	M. Schambach
10:00 am	BREAK & EXHIBITS	

LECTURES

10:30 am	PRACTICE FUE Operative Set Up and Time Flow (Video).....	D. Josephitis
10:40 am	PRACTICE LSE Operative Set Up and Time Flow (Video)	M. Barusco
10:50 am	PRACTICE Postoperative Care.....	S. Gabel
11:05 am	SPECIAL SURGICAL TOPICS Beard & Body Hair FUE Pearls, Pitfalls, Techniques	M. Schambach
11:20 am	SPECIAL SURGICAL TOPICS Difficult Cases	S. Lam & Physician Faculty
11:35 am	ANCILLARY MEASURES Storage Solutions & Graft-Survival Studies	S. Lam
11:50 am	GRAFT MANAGEMENT Critical Thinking During Graft Preparation and Placement (Video)	E. Vance
12:00 pm	LUNCH & EXHIBITS	

HANDS-ON CADAVER TISSUE LAB Physician Faculty

1:00 pm Customized Learning Station Rotations: Hairline, Recipient Site, LSE Donor Harvest, FUE Donor Harvest, Crown Design, Temple Design, Eyebrow Design, Female Hairline Design & Dermoscopy, Business Development & Marketing; Graft Placement: With Forceps & Implanters.

4:00 PM Break & Exhibits

LECTURES

4:30 pm	SPECIAL SURGICAL TOPICS FUE Instrumentation & Punch Characteristics	S. Gabel
4:40 pm	SPECIAL SURGICAL TOPICS Difficult Situations	N. Rogers
5:00 pm	GRAFT MANAGEMENT Critical Thinking "What Went Wrong?" (Video)	E. Vance
5:15 pm	DERMATOLOGY Scalp Pathologies: Scarring & Non-Scarring Alopecias: What Every Surgeon Must Know	N. Rogers
5:40 pm	PRACTICE Practice Management & Leadership	S. Lam
5:50 pm	PRACTICE Small Cases: How to Start Small but Think Big.....	N. Rogers
6:10 pm	PRACTICE How I Do It Physician Faculty Panel	S. Lam & Physician Faculty
6:30 pm	Closing Remarks & ADJOURN..... S. Lam	

Friday, July 19, 2024

7:00 am Welcome S. Lam

LECTURES

7:15 am Introduction and Handout Overview A. Ullrich
7:55 am **HAIR BASICS** Hair Loss & Hair Anatomy E. Vance
8:10 am **HAIR BASICS** Principles of Hair Restoration & Graft Survival E. Vance
8:25 am **TECHNIQUE** Principle of Slivering & Graft Dissection A. Ullrich
8:30 am **TECHNIQUE** Trimming & Sorting A. Ullrich
8:35 am **TECHNIQUE** Magnification & Instrumentation A. Ullrich
8:40 am **TECHNIQUE** Principle of Graft Placement T. Lardner
8:45 am **TECHNIQUE** Placing Strategy T. Lardner
8:50 am **TECHNIQUE** Magnification & Instrumentation T. Lardner
8:55 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 J. Pally
9:30 am **PRACTICE & SETUP** Surgical Flow Chart: Who Does What in Surgery A. Ullrich
9:35 am **PRACTICE & SETUP** Clean Procedure & Lab Etiquette A. Ullrich
9:45 am Break & Exhibits

HANDS-ON CADAVER LAB

10:15 am Demonstration: Graft Placement with forceps & implanters Assistant Faculty
10:30 am Graft Placement & Loading Implanters Assistant Faculty
12:00 pm Lunch & Exhibits
1:00 pm Demonstration: Slivering & Graft Dissection Assistant Faculty
1:10 pm Adjust microscopes Assistant Faculty
1:20 pm Hand-and-eye Coordination (Inanimate Model) Assistant Faculty
1:30 pm Graft Dissection, Trimming and Sorting, Slivering Assistant Faculty
2:30 pm Break & Exhibits

HANDS-ON CADAVER TISSUE LAB Assistant Faculty

10:15 am Demonstration: Graft Placement with Forceps & Implanters
10:30 am Graft Placement & Loading Implanters
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2:30 pm Break & Exhibits

HANDS-ON CADAVER TISSUE LAB Assistant Faculty

3:00 pm Catchup Stations: Slivering, Dissection, Graft Placement, FUE Graft Removal, Implanters
5:00 pm Round Table Discussion: Tips, Pearls & Insights
6:00 pm Adjourn –Shuttles to Hotels

Saturday, July 20, 2024

6:45 am Sign-In and Breakfast

LECTURES

- 7:00 am **CRITICAL THINKING** Round Table Discussion..... A. Ullrich & Faculty
- 7:30 am **CRITICAL THINKING** Quality Control in Graft Preparation & Placement..... E. Vance & Faculty
- 7:40 am **CRITICAL THINKING** Graft Trimming & Sorting E. Vance & Faculty
- 7:50 am **CRITICAL THINKING** Graft Placement E. Vance & Faculty

HANDS-ON CADAVER TISSUE 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

11:45 am Lunch & Exhibits

LECTURES

- 1:00 pm **HAIR BASICS** Hair Transplant History: Looking Back A. Romero
- 1:10 pm **HAIR BASICS** Postoperative Healing and Timeline..... A. Ullrich
- 1:20 pm **PRACTICE & SETUP** Comparing Postoperative Care: How we do it A. Ullrich & Faculty
- 1:40 pm **PRACTICE & SETUP** Office Setup Equipment and Instruments E. Vance
- 1:50 pm **TECHNIQUE** Slivering, cutting, placing, FUE graft removal: How we do it (Video) A. Ullrich & Faculty
- 2:00 pm Break & Exhibits

HANDS-ON CADAVER TISSUE LAB Assistant Faculty

2:30 pm Catchup Stations: Slivering, Dissection, Graft Placement, FUE Graft Removal, Implanters

INTERNATIONAL VIDEO LECTURES

- 4:00 pm **TECHNIQUE** Graft Implantation: KEEP For Graft Placement: Dr. Tony Ruston J. Guida
- 4:10 pm **TECHNIQUE** Graft Implantation: Forceps or Implanters, When and Why Dr. M. Speranzini
- 4:30 pm **PRACTICE & SETUP** Virtual Visit: Dr. Parsa Mohebi's Office (California)..... C. Smith
- 4:40 pm **PRACTICE & SETUP** FUE Surgical Flow Dr. M. Schambach
- 4:50 pm **TIPS & TRICKS** Velcro for Long Hair FUE Dr. M. Schambach
- 5:00 pm Round Table Discussion & Closing Remarks A. Ullrich & Assistant Faculty
- 6:00 pm Adjourn