Training in Minimally Invasive Surgery (MIS)

Advanced Course

Upper GI Surgery

Fundoplication · Sleeve Gastrectomy · Gastric Bypass

Friday, January 22 - Saturday, January 23, 2027
SFU Research and Simulation Center, Vienna

Minimally invasive upper gastrointestinal surgery demands precise dissection, confident tissue handling, and advanced suturing and stapling skills. This advanced course offers focused, hands-on training in laparoscopic fundoplication, sleeve gastrectomy, and gastric bypass.

Designed for surgical trainees and surgeons with previous laparoscopic experience, the course builds on fundamental MIS skills. Medical students with appropriate prior training are also welcome. Lectures with video demonstrations are combined with extensive practical exercises supervised by experienced tutors.

Over two days, participants will explore the essential operative steps of hiatal dissection and repair, fundoplication, gastric mobilization and sleeve formation, gastric pouch creation, and gastrointestinal reconstruction.

Participants will have the opportunity to practice **intracorporeal and extracorporeal suturing and knot tying**, as well as **tissue dissection using ultrasonic and/or high-frequency electrosurgical devices**. Practical training on laparoscopic simulators and procedure-specific models will allow participants to rehearse individual operative steps and refine their technique, with attention to safe tissue handling, stapling techniques, and common technical pitfalls.

Upon completion, participants will receive a certificate of attendance documenting their training in advanced minimally invasive upper GI surgery.

Continuing Medical Education (CME)

DFP accreditation by the Austrian Medical Chamber is being applied for. The number of DFP credits will be announced upon approval.

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SIGMUND FREUD PRIVATE UNIVERSITY VIENNA

Barmherzige Schwestern

Program

Advanced Course · Upper GI Surgery

Friday, January 22, 2027

09:30	Registration
10:00	Welcome and introduction
10:15	**Laparoscopic fundoplication** Lecture and video: hiatal dissection, esophageal mobilization, crural repair, and fundoplication.
10:50	**Laparoscopic sleeve gastrectomy** Lecture and video: gastric mobilization, sleeve calibration, and stapling technique.
11:25	**Laparoscopic gastric bypass** Lecture and video: gastric pouch creation, reconstruction, and anastomotic techniques.
12:00-13:00	Lunch break
13:00-18:00	**Supervised hands-on training** Rotating stations: fundoplication and crural repair; sleeve gastrectomy; gastric bypass and anastomotic techniques; intracorporeal and extracorporeal suturing and knot tying; tissue dissection using ultrasonic and/or high-frequency electrosurgical devices. Small-group training with individualized tutor feedback.

Saturday, January 23, 2027

09:00-12:00	**Advanced procedural training** Supervised practice in fundoplication, sleeve gastrectomy, and gastric bypass, including gastric pouch creation, gastrojejunostomy, and jejunojejunostomy. Further practice in suturing, knot tying, and energy-device tissue dissection.
12:00-13:00	Lunch break
13:00-15:30	**Individualized practical training** Repeat selected modules according to individual learning needs, with tutor feedback and discussion of technical pitfalls.
15:30	Final discussion and presentation of course certificates

Venue

Sigmund Freud University (SFU)
Research and Simulation Center
Walcherstrasse 11a
1220 Vienna

Course Fee

Physicians: **EUR 1,000.00**
Students: **EUR 750.00**

Registration

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