

Fundamentals of Endovascular Techniques for Nurses

Wednesday, January 21, 2026

VI Training Center, "Residenz Am Schärme," Sarnen

This one-day intensive course teaches the principals of endovascular procedures. It is specifically aimed at nursing staff, both surgical and radiological. The focus lies primarily on practical training using flow models and real-life materials, but a theory lesson on techniques and materials is included as well.

Course content

- Knowledge of materials
- Puncturing techniques
- Catheterization techniques
- Ballooning, stenting, grafting
- Radiation safety
- Complication management

Program

09:30 – 10:00	Registration
10:00 – 10:15	Welcome and course objectives
10:15 – 10:45	Theory: Angiography basics, access, materials, radiation safety, complication management
10:45 – 11:15	Demonstration of endovascular techniques: puncture, introducer sheath insertion, Seldinger technique
11:15 – 12:45	Simulator training – cross-over maneuver, renal artery probing, passing of stenoses, use of balloons, deployment of stents, use of closure devices
12:45 – 13:45	Lunch
13:45 – 16:45	Simulator training – continued
16:45 – 17:15	Closing remarks, feedback

Course director

Prof. Edin Mujagic, University Hospital Basel