

# ENDOVASCULAR & OPEN SURGERY - RESIDENTS

Advanced Endovascular and Vascular Suturing Techniques – Intensive Hands-On and Simulated Practice



## DURATION

e-learning  
2.5 days in person



## MAXIMUM CAPACITY

4 participants per session to ensure personalized guidance and optimal learning quality



## TRAINING VALIDATION

Certificate of attendance with individual performance report including metrics & progression



## TARGET AUDIENCE

Vascular residents from 2<sup>nd</sup> year aiming to improve their suturing and endovascular skills



## FEES

1800€ excl. VAT per resident

Accommodation & transportation costs are the responsibility of the participant.



## SESSIONS

September 9-11, 2026    November 25-27, 2026



## PREREQUISITES

Basic knowledge of vascular surgery techniques. Prior exposure to vascular surgery procedures is recommending.



## REGISTRATIONS

To register, please visit the following page:  
<https://www.gepromed.com/en/courses>



## OBJECTIVES OF THIS TRAINING

- × Understand the role of simulation in vascular surgery.
- × Acquire & refine aortic (3/0 & 4/0) and smaller (6/0) TT/TL anastomosis techniques using various simulators.
- × Improve smoothness, regularity & speed in vascular suturing.
- × Plan surgical interventions using sizing techniques.
- × Safely handle medical devices.
- × Simulate vascular and endovascular procedures.

## TRAINING RESOURCES AT YOUR DISPOSAL

- × e-learning platform
- × Open-surgery simulators (basic & advanced levels) with force sensors
- × Endovascular simulators (basic & advanced levels) with specific patient cases
- × Surgical tools & suture materials

## ORGANISATION & ACCESS ARRANGMENTS

**Access upon registration confirmation.** Limited number of participants for practical reasons.

### Accessibility for people with disabilities:

This training is accessible to people with disabilities. Please contact us in advance to discuss your specific needs and ensure appropriate accommodations are provided.

## ASSESSMENTS METHODS

- × Initial, intermediate & final practical assessments
- × Tracking of suturing quality (distance from edge, spacing, wall thickness adaptation)
- × Measurement of smoothness, regularity & timing
- × Final report with metrics & tracking interpretations

## TEACHING METHODS

- × Preparatory e-learning modules
- × Clinical case-based masterclass
- × Hands-on simulation training
- × Video-based debriefings & interactive feedback sessions

## ADD-ONS

- + Performance-Driven Program
- + 1 hour of training = 100 performance stitches assessed
- + Long-term monitoring via satellite tracking
- + Detailed metrics: regularity, suture quality, tracking interpretation based on image analysis
- + Personalized report delivered at the end of the course

# PROGRAM

Advanced Endovascular and Vascular Suturing Techniques – Intensive Hands-On and Simulated Practice

PRE-TRAINING  
E-LEARNING

## DAY 1

- 15:30  **WELCOME**  
Welcome to Gepromed
- 16:00  **INTRODUCTION TO THE TRAINING PROGRAM & TOUR OF THE PREMISES**
- 16:30  **QUIZ & FEEDBACK SESSION ON KEY LEARNING GAPS**  
  - × Detection of key learning gaps through the e-learning modules
  - × Discussion of sizing approaches & comparison with industry practices alongside experts
- 17:30  **LECTURE**  
On an industry-specific product by a surgical expert
- 18:00  **WELCOME RECEPTION**

## DAY 2

- 07:30  **WELCOME**  
Welcome to Gepromed
- 07:45  **SIZING OF 2 CASES** *Switch halfway through the time slot*  
For P1 and P2
- 08:45  **ATRAUMATIC SUTURING**  
For P3 and P4
- 08:45  **AORTIC ANASTOMOSIS** *Switch halfway through the time slot*  
For P1 and P2
- 10:15  **BASICS SKILLS IN ENDO**  
For P3 and P4
- 10:15  **AORTIC & ILIAC ANASTOMOSES** *Switch halfway through the time slot*  
For P1 and P2
- 11:45  **EVAR PROCEDURE: 1<sup>ST</sup> EASY CASE**  
For P3 and P4
- 11:45  **GENERAL DEBRIEFING**  
and Individual debriefing
- 12:05  **LUNCH BREAK & MANAGEMENT OF ASSESSMENTS**
- 12:50  **AORTIC & ILIAC ANASTOMOSES** *Switch halfway through the time slot*  
For P1 and P2
- 14:20  **EVAR PROCEDURE: 2<sup>ND</sup> EASY CASE**  
For P3 and P4
- 14:20  **SIZING OF 2 CASES** *Switch halfway through the time slot*  
For P1 and P2
- 15:20  **ATRAUMATIC SUTURING**  
For P3 and P4
- 15:20  **AORTIC & ILIAC ANASTOMOSES** *Switch halfway through the time slot*  
For P1 and P2
- 16:50  **EVAR PROCEDURE: 1<sup>ST</sup> MEDIUM CASE**  
For P3 and P4
- 16:50  **BREAK & GENERAL DEBRIEFING**
- 17:10  **AORTIC & ILIAC ANASTOMOSES** *Switch halfway through the time slot*  
For P1 and P2
- 18:40  **EVAR PROCEDURE: 2<sup>ND</sup> MEDIUM CASE**  
For P3 and P4
- 19:00  **DINNER**

## DAY 3

- 07:45  **WELCOME**  
Welcome to Gepromed
- 08:00  **SIZING OF 2 CASES** *Switch halfway through the time slot*  
For P1 and P2
- 09:00  **ATRAUMATIC SUTURING**  
For P3 and P4
- 09:00  **AORTIC & ILIAC ANASTOMOSES** *Switch halfway through the time slot*  
For P1 and P2
- 10:30  **BASICS SKILLS IN ENDO**  
For P3 and P4
- 10:30  **AORTIC & ILIAC ANASTOMOSES** *Switch halfway through the time slot*  
For P1 and P2
- 12:00  **EVAR PROCEDURE: 1<sup>ST</sup> HARD CASE**  
For P3 and P4
- 12:00  **LUNCH BREAK & MANAGEMENT OF ASSESSMENTS**
- 12:45  **AORTIC & BI-ILIAC ANASTOMOSES**  
P1 with help from P3 *Switch halfway through the time slot*  
P2 with help from P4
- 14:15  **EVAR PROCEDURE: 2<sup>ND</sup> HARD CASE**  
P1 with help from P4 *Switch halfway through the time slot*  
P2 with help from P3
- 14:15  **EVAR PROCEDURE: 2<sup>ND</sup> HARD CASE**  
P1 with help from P4 *Switch halfway through the time slot*  
P2 with help from P3
- 15:45  **DEBRIEFING, CONCLUSION**