

# ADVANCED VASCULAR SUTURING TECHNIQUES

10 – 12  
DECEMBER  
2025

OPEN SURGERY  
RESIDENTS

INTENSIVE  
HANDS-ON  
AND SIMULATED  
PRACTICE



## TRAINING OBJECTIVES

- 1 Integrate theoretical knowledge from e-learning into practical skills
- 2 Acquire and refine aortic (3/0 & 4/0) and smaller (6/0) TT/TL anastomosis techniques using various simulators
- 3 Improve smoothness, regularity, and speed in vascular suturing

## TEACHING & TECHNICAL RESSOURCES

- E-learning platform
- Open-surgery simulators (basic and advanced levels) with force sensors
- Surgical tools and suture materials
- Video materials for feedback and tips

## TEACHING METHODS

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

## ASSESSMENT METHODS

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

## PREREQUISITES

Basic knowledge of vascular surgery techniques & prior exposure to vascular surgery procedures is recommended.

Vascular residents from 1<sup>st</sup> year aiming to improve their suturing skills.

## ORGANISATION & ACCESS ARRANGMENTS

- Access upon registration confirmation
- Limited to 6 participants per session
- 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

## REGISTRATIONS

Accommodation and transportation costs are the responsibility of the participant.

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

## I WEDNESDAY 10.12

|                |                                                                                   |                                                                                                                                                                                                                           |
|----------------|-----------------------------------------------------------------------------------|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| 13:00<br>13:30 |  | <b>Welcome</b><br>Gepromed                                                                                                                                                                                                |
| 13:30<br>14:00 |  | <b>Opening lectures</b>                                                                                                                                                                                                   |
| 14:00<br>16:00 |  | <b>Masterclass with clinical cases</b><br>Sponsored by an industrial in endovascular surgery                                                                                                                              |
| 16:00<br>18:00 |  | <b>Initial assessment</b> <ul style="list-style-type: none"><li>- E-to-E anastomosis on a plexiglas plate</li><li>- E-to-E anastomosis on a basic-level mannequin</li><li>- High speed suturing with smoothness</li></ul> |
| 18:00<br>18:30 |  | <b>Debriefing</b>                                                                                                                                                                                                         |

## I THURSDAY 11.12

|                |                                                                                     |                                                                                                                                                                                                                                                                                                           |
|----------------|-------------------------------------------------------------------------------------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| 08:00<br>08:15 |    | <b>Welcome</b><br>Gepromed                                                                                                                                                                                                                                                                                |
| 08:15<br>08:30 |    | <b>Briefing</b>                                                                                                                                                                                                                                                                                           |
| 08:30<br>12:00 |   | <b>Supervising training</b> <ul style="list-style-type: none"><li>- E-to-E aortic anastomosis on a basic-level mannequin</li><li>- Patch and E-to-E iliac anastomosis on a basic-level mannequin</li><li>- High speed suturing with smoothness</li></ul>                                                  |
| 12:00<br>13:30 |  | <b>Lunch</b>                                                                                                                                                                                                                                                                                              |
| 13:30<br>17:30 |  | <b>Supervising training</b> <ul style="list-style-type: none"><li>- Aortic graft replacement on a basic-level mannequin</li><li>- Aortic graft replacement on an advanced-level mannequin</li><li>- E-to-S anastomosis on a basic-level mannequin</li><li>- High speed suturing with smoothness</li></ul> |
| 17:30<br>18:00 |  | <b>Debriefing</b>                                                                                                                                                                                                                                                                                         |
| 19:00          |  | <b>Dinner: Restaurant Le Tigre</b><br>5 rue du Faubourg National, 67000 Strasbourg                                                                                                                                                                                                                        |

## I FRIDAY 12.12

|                |                                                                                     |                                                                                                                                                                                                                                                          |
|----------------|-------------------------------------------------------------------------------------|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| 07:45<br>08:00 |  | <b>Welcome</b><br>Gepromed                                                                                                                                                                                                                               |
| 08:00<br>08:15 |  | <b>Briefing</b>                                                                                                                                                                                                                                          |
| 08:15<br>10:15 |  | <b>Supervising training</b> <ul style="list-style-type: none"><li>- E-to-E aortic anastomosis on a basic-level mannequin</li><li>- Patch and E-to-E iliac anastomosis on a basic-level mannequin</li><li>- High speed suturing with smoothness</li></ul> |
| 10:15<br>12:15 |  | <b>Final assessment</b> <ul style="list-style-type: none"><li>- E-to-E aortic anastomosis on a basic-level mannequin</li><li>- Patch and E-to-E iliac anastomosis on a basic-level mannequin</li><li>- High speed suturing with smoothness</li></ul>     |
| 12:15<br>13:00 |  | <b>Feedback, debriefing and conclusion</b><br>Thank you for participating!                                                                                                                                                                               |

## YOU NEED MORE TO BE CONVINCED? HERE ARE OUR ADDS-ON!

- + Performance-Driven Program
- + 1 hour of training = 300 performance points evaluated
- + 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

## OUR EDUCATIONAL TEAM

A team of experienced vascular surgeons and a dedicated team:

Pr. Nabil CHAKFÉ  
Dr. Vincenzo VENTO

Mrs. Cassandre AYMARD  
Mrs. Ilona BELLANOVA  
Mrs. Annik BORCOS  
Mrs. Louanne BOURDON  
Mrs. Wissal LACHEGUR  
Dr. Nicole NEUMANN  
Mr. Dominique STEIMER

## CONTACT

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