#### **VASCULAR ACCESS TRAINING FOR EXTERNAL FELLOWS**

# **General information**

Center: GEV - Grupo de Estudos Vasculares, Porto
Supervisor: Dr. Norton de Matos, Dr. Loureiro, Mr. Sousa
Specialty: Vascular surgery, angiology, and nephrology

Duration: 1-2 months

Language: Portuguese, English

Costs: -

## **Training opportunities**

	Cases per year	Observer	Assistant	Operator
Duplex ultrasound				
Vessel mapping	200	$\boxtimes$		$\boxtimes$
Surveillance	200	$\boxtimes$		$\boxtimes$
Complications	1000	$\boxtimes$		$\boxtimes$
Outpatient clinic				
Vascular access creation	200	$\boxtimes$		$\boxtimes$
Vascular access complications	1000	$\boxtimes$		$\boxtimes$
Interventions				
Central venous catheters				
Endovascular interventions	700	$\boxtimes$	$\boxtimes$	
Arteriovenous access creation	100		$\boxtimes$	
Arteriovenous access revision	500	$\boxtimes$	$\boxtimes$	

#### Additional information:

Vascular access out-patient clinic: 5 days per week Vascular access operating room: 5 days per week

This private clinic is high-volume vascular access center serving 3000 patients (30% of Portuguese hemodialysis units). All interventions are done in hybrid operating rooms. External fellows can follow patients from the outpatient clinic to the operating room and share training opportunities with one local vascular surgery resident.

### Background knowledge / skills required:

- Basic skills in vascular surgery, angiology, and duplex ultrasound.
- Medical licence validated by the Portuguese Medical Association for the training period.

### <u>Previous fellows</u>

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