



European Society of
Anaesthesiology and
Intensive Care

Hospital Name

Clinica Universidad de Navarra

Hospital Address

Av. Pio XII, 36
Pamplona 31008
Spain

Department Profile: (a brief description max 100 words)

Clinica Universidad de Navarra (CUN) is the main hospital associated with the School of Medicine at the University of Navarra. Our Intensive Care Unit is mixed ICU, surgical and medical ICU with 12 beds. Anesthesiologist involved in Critical Care at Clinica Universidad de Navarra are well trained ICU, as well as, in transthoracic echocardiography (TTE), Transesophageal Echocardiography (TEE), lung, abdominal and vascular ultrasound in critical care. Therefore, ultrasound has a key role in the daily clinical decision-making process in our unit. At CUN, kidney, liver and cardiac transplants are performed. We are a host centre for the On-line Assessment for the EDAIC part I exam since 2014. We are currently performing more than 10 research projects. Our field of interest is Cardiac Surgery-associated Acute Kidney Injury and hemodynamic management in Septic Shock patients. We are participating in Andromeda-2 trial, an international multicentre trial on Septic Shock patients. We are also leading a multicenter national study in cardiac surgery looking for new risk factors associated with AKI.

Does the Host Centre offer

- hands-on training (will provide patient care/have direct patient contact)
- observership (will not provide patient care with direct patient contact)

Observership subject to the following legal requirements/prerequisites

For candidates who are from countries which are not members of the EU

Hands-on practice subject to the following legal requirement/prerequisites:

For candidates who are from countries which are members of the EU

Anaesthesia Subspecialty or Intensive Care Medicine training for foreign Trainees are offered (Hands-on training only):

- Cardiac
- Thoracic
- Vascular Surgery
- Intensive Care Medicine

- Other

Anaesthesia Subspecialty or Intensive Care Medicine training for foreign Trainees are offered (Observership only):

- Cardiac
- Thoracic
- Vascular Surgery
- Intensive Care Medicine
- Other

Educational activities offered

- Departmental lectures
- Skill training sessions (TTE, TOE, USGRA, etc)
- One-to-one teaching
- Simulation

Research activity offered

- Clinical research

Sample publications (1-3)

1. A simple algorithm for differential diagnosis in hemodynamic shock based on left ventricle outflow tract velocity-time integral measurement: a case series. J Mercadal, X Borrat, A Hernández, A Denault, W Beaubien-Souligny, D González-Delgado, M Vives, Spanish Critical Care Ultrasound Network Group. *Ultrasound J.* 2022 Aug 24;14(1):36. 2. Diploma on Basic Echocardiography training and competencies for Intensive Care and Emergency medicine: Consensus document of the Spanish Society of Anesthesiology and Critical Care (SEDAR) and the Spanish Society of Emergency Medicine (SEMES). Vives M, et al. *Rev Esp Anestesiología y Reanimación (Engl Ed)* . 2021 Mar;68(3):143-148. 3. Hydroxyethyl starch and acute kidney injury in high-risk patients undergoing cardiac surgery: A prospective multicenter study. Nagore D, Candela A, Bürge M, Monedero P, Tamayo E, Alvarez J, Murie M, Wijeyesundera DN, Vives M, Spanish Perioperative Cardiac Surgery Research Group. *J Clin Anesth* . 2021 Oct; 73:110367.

Preferred exchange programme (Duration)

- 3 months

Specific months:

- March
- April
- May
- October
- November

Language requirements of an attending trainee:

english

Languages spoken in the department

spanish and english

Is accommodation available for an attending trainee (hospital facilities, useful links)?

Yes

Remarks and comments:

Our department can offer hands-on training on critical care ultrasound including basic transthoracic echocardiography and or advanced transesophageal echocardiography (TEE), lung ultrasound, abdominal ultrasound and vascular ultrasound for critical care patients. TEE training can also be performed in cardiac surgery.