



ADVANCED PRINCIPLES IN HEMODIALYSIS

EDTNA/ERCA ACCREDITED PROGRAM



NIPRO

| *i*MEP
MECHELEN-BELGIUM

Gain a more advanced understanding of hemodialysis and its complexities while also exercising the skills necessary to resolve complications and elevate patient care.

Hemodialysis is a complex medical process in which many levels of expertise can be reached. With this advanced training, we offer nurses a deeper knowledge of relevant topics, such as understanding the physical processes taking place inside the dialyzer, recognizing allergic reactions, and responding to serious complications.

Practice and simulation exercises are key factors in further enhancing skills, particularly when it comes to vascular access. This is a study that is divided into several difficulties, where advanced knowledge and abilities are necessary to ensure proper assessment, follow-up, and cannulation.

This 2-day program on advanced principles in hemodialysis is a mix of theory and practice, and is accredited by EDTNA/ERCA. Trainings are led by an experienced and qualified instructor in a professional, state-of-the-art educational facility. Learners will receive an official EDTNA/ERCA certificate upon completion of the program.

Program content

- Parameters of a dialyzer's performance (theory)
- Allergic reactions (theory)
- Advanced ultrasound training (theory & practice)
- Crisis Resource Management (theory)
- Microsimulation (exercise)
- Scenario-based simulation training (practice)

If you wish to receive more information about a specific training topic, please consult the iMEP brochure on the dedicated topic or contact a member of the iMEP team.

Meet our experts!



Roland Van Dam
(Education Solutions Specialist)



Niel Grumiaux
(Education Solutions Specialist)



Erika Naito
(Simulation Operation Specialist)



Prof. Jan Tordoir
(Vascular Surgeon)

What will you gain?

You will know...

- the performance parameters of dialyzers
- allergic responses during hemodialysis
- B-mode and color doppler mode used in ultrasound
- the maturation process of an arteriovenous fistula (AV-Fistula)
- the complications of an AV-Fistula
- the principles of Crisis Resource Management (CRM)

You will be able to...

- use ultrasound for cannulating an advanced-level AV-Fistula
- assess the maturation of an AV-Fistula and refer to a doctor when needed
- detect and recognize complications of an AV-Fistula and refer to a doctor when needed
- apply CRM in urgent and real-life situations to improve teamwork and reduce medical errors

Who should attend?

- Experienced dialysis nurses:
 - With more than three years of work experience
 - Who want to develop and enhance their cognitive, technical, and non-technical skills to an advanced level for leading a nursing team
 - Who want to join or establish a vascular access team
- Highly recommended for nurses who attend to have a basic knowledge and practical experience of cannulating an arteriovenous fistula or graft

Additional information

- Use of the iMEP building and its facilities
- Use of coffee, tea, and water facilities
- Education, mentoring, and support by experienced trainer(s)
- Ballpoint pen and notebook
- Reference book – “*Handbook on ultrasound for vascular access examination: From the specialist to the nurse*”
- Official EDTNA/ERCA certificate of completion
- Parking spaces on-site

Duration:

8,5 hours split
over 2 days

Day 1: 1,5 hours

Day 2: 7 hours

Fee

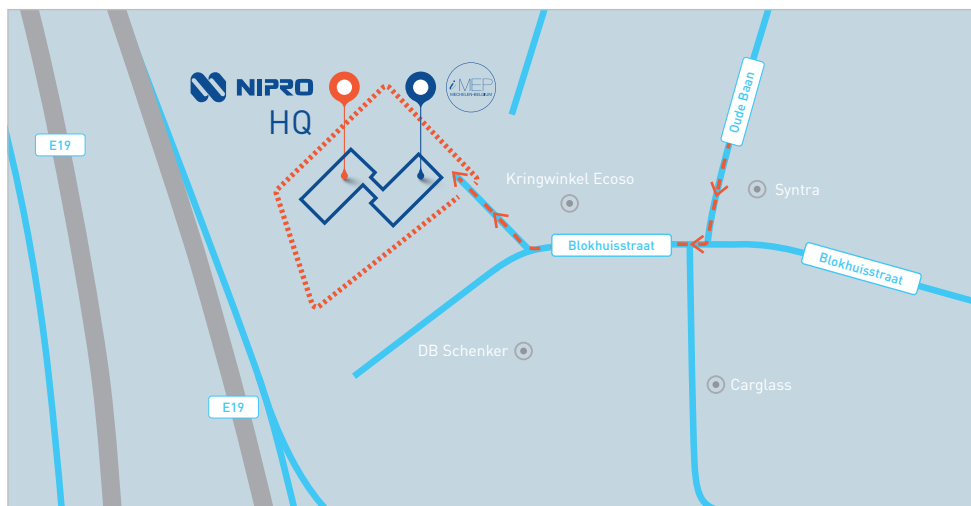
1,250 €/Person

4-16 Learners

Curious to learn more?

Ready to plan your next training event?

Let us organize a guided tour! imep@nipro-group.com



From Antwerp or Brussels

→ From E19, take exit 9 Mechelen-Noord

From Antwerp: Go straight at the traffic light onto Blarenberglaan

From Brussels: Keep left towards Mechelen Noord and continue through the traffic light. At the next traffic light, turn right onto Blarenberglaan

→ At the roundabout, take the first exit

→ Turn right at the T-junction (Oude Baan)

→ Turn right again at next T-junction (Blokhuistraat)

→ The Nipro entrance is on the right side at the end of the road

