



# FUNDAMENTAL PRINCIPLES IN HEMODIALYSIS

EDTNA/ERCA ACCREDITED PROGRAM



**NIPRO**

| *i*MEP  
MECHELEN-BELGIUM

## Develop and improve the essential skills and knowledge needed for hemodialysis in daily practice.

Hemodialysis is a complex medical process in which many levels of expertise can be reached. While a basic education gives nurses the knowledge and tools to ensure safe hemodialysis treatments, does education have to stop there? Additional knowledge and training can help elevate and deepen one's understanding of hemodialysis.

This 2-day program on fundamental 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

- Basic principles of hemodialysis (theory)
- Dry weight management (theory)
- Crisis Resource Management (theory)
- Microsimulation: Helium stick (practice)
- Vascular access (theory & practice)
- Buttonhole technique (theory)
- Ultrasound-guided cannulation (theory & practice)
- Art of the hemodialyzer (theory)
- Mini-dialyzer workshop (practice)
- 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 fundamental principles of hemodialysis and dry weight management
- the principles of Crisis Resource Management (CRM)
- the fundamental principles of vascular access
- the principles of the buttonhole technique
- the history and mechanisms of a dialyzer

## You will be able to...

- apply CRM techniques/the principles of CRM in real life situations to improve teamwork and reduce clinical errors
- care for an arteriovenous fistula or graft (from cannulation to fixation)
- visualize and cannulate an arteriovenous fistula or graft using ultrasound
- create a mini-dialyzer and, because of this, know the process of creating a real dialyzer

# Who should attend?

- Novice dialysis nurses with less than three years of work experience
- All nurses without dialysis experience
- Experienced nurses requiring dialysis recertification

## Additional information

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

## Duration:

13,5 hours divided into 2 days

**Day 1:** 6,5 hours

**Day 2:** 7 hours

## Fee

1250€/Person

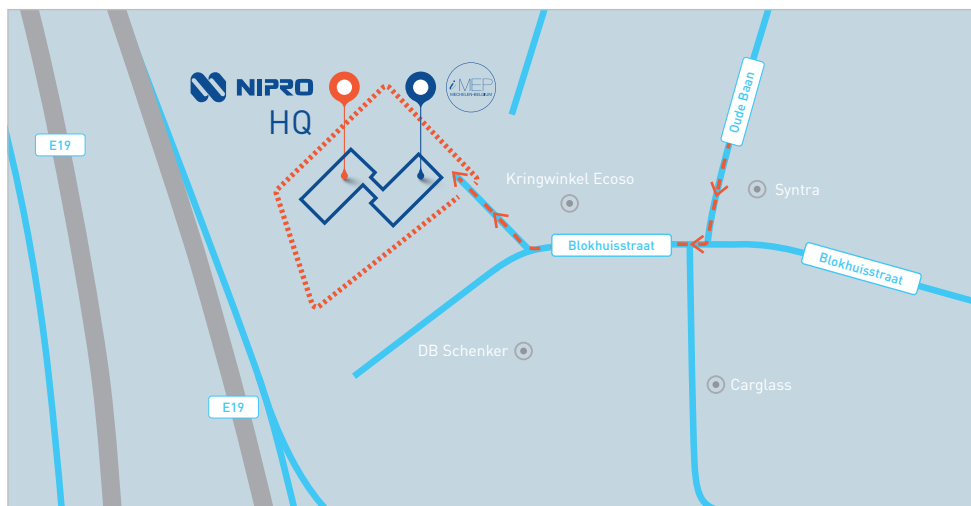
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**4-16 Learners**

# Curious to learn more?

## Ready to plan your next training event?

Let us organize a guided tour! [imep@nipro-group.com](mailto: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

