



SCENARIO-BASED SIMULATION TRAINING

INTRA-HEMODIALYTIC SCENARIOS FOR TEAMS



NIPRO

| *i*MEP
MECHELEN-BELGIUM

Enhance skills and teamwork as you engage in highly realistic dialysis simulations in a safe learning environment.

It is important to regularly practice scenarios involving intra-hemodialytic critical situations in order to properly manage the actual events in a clinical setting. Scenario-based simulation training is an effective and unique way of gaining knowledge, practicing skills, and achieving confidence, all while practicing the critical event protocols of your specific dialysis unit.^{1,2} You will learn with high-fidelity mannequins that simulate real patients, allowing your team to make errors, which then become learning opportunities. Thus, both patient safety and the psychological safety of learners are maintained.

A prerequisite for this training is "Crisis Resource Management", which will allow your team to understand the non-technical skills required for effective teamwork, such as communication, leadership, dynamic decision-making, co-operation, and situation awareness skills. Non-technical skills are as important as technical skills, since the most common root causes of incidents in healthcare are human factors, leadership, and communication.³

Multifaceted learning!

Volunteers in your team will engage in the intra-hemodialytic scenario while the remaining team members observe the simulation session in a different room. Afterwards, all participants meet together to discuss what went well and what can be improved next time, using the principles of Crisis Resource Management. This peer-learning debrief session is a crucial moment of learning and is facilitated by professional trainers.

Meet our experts!



Christof Patyn
Nursing Educator

Vives University of Applied Sciences, BE



Birgit Vincke
Nursing Educator

Vives University of Applied Sciences, BE



Martine Dorme
Nursing Educator

Vives University of Applied Sciences, BE



Dieter Smis

Researcher CRM in healthcare / Nursing Educator
Karel de Grote University College, BE



Ellen De Buysscher
Nursing Educator

Karel de Grote University College, BE



Geert Van De Weyer
Nursing Educator

Karel de Grote University College, BE



Sophie Baijot
Nursing Educator

The University College of Hénallux, BE



Blaise Degueudre
Nursing Educator

The University College of Hénallux, BE



Jean-Christophe Servotte
Nursing Educator

The University College of Hénallux, BE

Program content

- Familiarization of patient simulator and simulation rules (theory and practice)
- Simulation session (practice)
 - 2-3 learners: actors in the scenario
 - Other learners: observers of the simulation session
 - A suitable scenario will be selected according to the different working experiences of the team (a mixed level of experience is also effective)
- Debriefing session in a team setting (practice)

What will you gain?

You will be able to...

- apply the principles of Crisis Resource Management in simulated intra-hemodialytic critical events
- enhance teamwork and communication in a clinical setting (non-technical skills)
- present opportunities to use clinical reasoning specific to the team's own dialysis unit protocols (technical skills)
- understand what knowledge, skills, and attitudes should be improved through one's own experience
- increase confidence during intra-hemodialytic critical events

Who should attend?

- Dialysis nurses of all experiences
- The level of difficulty of the scenario will be adjusted according to your team's working experiences
 - Who want to develop and enhance their cognitive, technical, and non-technical skills to an advanced level for leading a nursing team
- Experienced nurses requiring dialysis recertification
- Prerequisite
 - All participants must have already completed the training "Crisis Resource Management" in order to practice and apply its principles in the simulation session

Additional information

- Education, mentoring, and support by experienced trainer(s)
- Use of the iMEP building and its facilities
- Use of coffee, tea, and water facilities
- Ballpoint pen and notebook
- Parking spaces on-site

References

1. McGaghie et al. (2011). Does Simulation-based Medical Education with Deliberate Practice Yield Better Results than Traditional Clinical Education? A Meta-Analytic Comparative Review of the Evidence. *Academic Medicine*. 86(6): 706-711.
2. Wayne DB, Didwania A, Feinglass J, et al. (2008). Simulation-based education improves quality of care during cardiac arrest team responses at an academic teaching hospital: a case-control study. *CHEST*. 133:56-61.
3. The Joint Commission. (2015). Human Factors Analysis in Patient Safety Systems. The Source. Volume 13, Issue 4. p.p.7

Duration:

2 hours, including a short break for coffee/tea/water

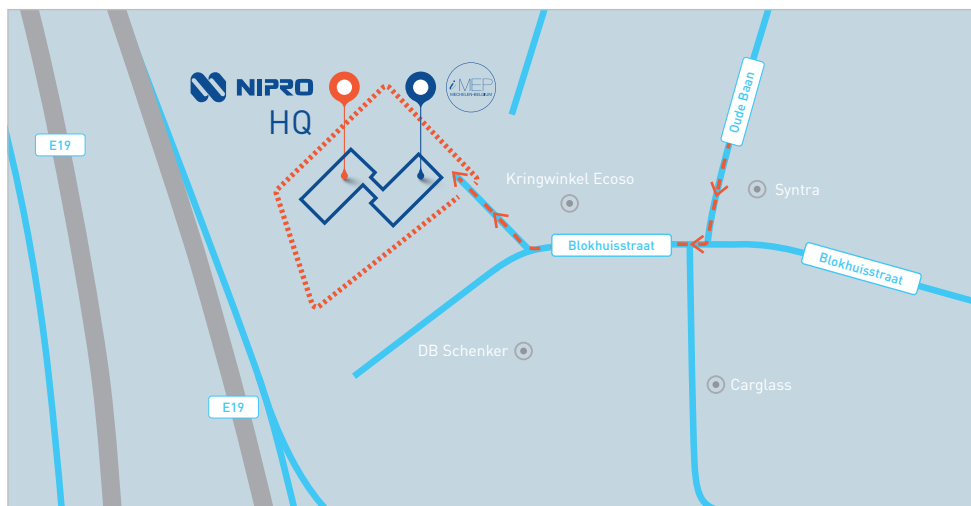
Fee: 250 €/Person

4-8 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 (Blokhuisstraat)

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

