

ERNICA CDH & ECMO PEDIATRIC SURGERY HANDS-ON COURSE

Location: ERASMUS MC, Rotterdam, NL

Date: 29-30 January 2025

Organiser: ERNICA

Endorsed by: EUPSA

Day 1 – Wednesday, 29 January 2025

- 11:00-11:20** Welcome: ERNs and ERNICA
René Wijnen
- 11:20-11:50** Prenatal management and treatment of CDH
Philip DeKoninck
- 11:50-12:10** Newborn diagnosis and management in CDH
Suzan Cochijs
- 12:10-12:25** Types and classification of CDH
Horst Daniels
- 12:30-12:45** Overview of surgical CDH Treatment
Katrin Zahn
- 12:45-13:20** **Lunch Break**
- 13:20-14:20** Steps of CDH closure with video guidance
Katrin Zahn, Carmen Mesas Burgos, Horst Daniels, René Wijnen
- 14:20-15:20** Hands-on Training

- 15:20-15:45** **Break**
- 15:45-16:00** Pulmonary morbidity in CDH
Jolt Roukema
- 16:00-16:30** The gastrointestinal tract in CDH
Bas Verhoeven
- 16:30-16:45** Recurrences after CDH
René Wijnen
- 16:45-18:00** Pro/con debate on different surgical techniques: Minimally invasive,
transverse laparotomy, median laparotomy
- END OF DAY 1**

Day 2 – Thursday, 30 January 2025

- 08:30-08:40** Recap of Day 1 and Agenda of Day 2
René Wijnen
- 08:40-09:00** Hemodynamics in CDH and indication for ECMO
Tim Antonius
- 09:00-09:20** Steps of ECMO, which cannulas to use and tips & tricks of ECMO cannulation
Carmen Mesas Burgos, René Wijnen & Katrin Zahn
- 09:20-09:40** Risks and complications of ECMO
TBC
- 09:40-10:20** Scenario based training – GROUP 1
Tim Antonius & Robert Jan Houmen
- 10:20-11:00** Scenario based training – GROUP 2
Tim Antonius & Robert Jan Houmen
- 11:00-11:30** Pro-con debate surgery on/off ECMO
Carmen Mesas Burgos, Horst Daniels, René Wijnen & Katrin Zahn
- 11:30-11:45** Video of training on the ECMO model
- 11:45-12:45** Hands-on Training ECMO on inanimate models
- 12:45-13:15** **Lunch break**
- 13:15-13:30** Decannulation from ECMO
Horst Daniels

13:30-13:45	Hemostasis in ECMO <i>Enno Wildschut</i>
13:45-14:00	When are you proficient to perform an ECMO? <i>Carmen Mesas Burgos and Pär Forsman</i>
14:00-14:20	Long-term multidisciplinary follow-up programme <i>TBC</i>
14:20-15:20	Interactive discussion about CDH and ECMO <i>Horst Daniels, Carmen Mesas Burgos</i>
15:20-15:30	Wrap-up and farewell <i>René Wijnen</i>
END OF DAY 2	

Additional information

Venue

Erasmus MC

Classroom: OWR 73 (Ee-287)

Dr. Molewaterplein 40

3015 GD Rotterdam

Route description (second floor)

Accreditation

Accreditation has been requested at EACCME