

INTERNATIONAL ECLS TRANSPORT COURSE

EUROELSO/ESPNIC

2026



A collage of six photographs showing various scenes from an air medical transport course. The photos include: a group of people standing in front of a green building; a group of people standing in front of a white aircraft; a group of people standing in front of a white ambulance; a group of people standing in front of a white aircraft; a group of people standing in front of a blue helicopter; and a group of people standing in front of a white aircraft.



International Transport
Course

ECMO  

ROME Italy 

Sep 16-18 2026

SEPTEMBER 16-18 2026 ROME, ITALY

PROGRAMME

DAY 1

“HIT THE ROAD JACK!”

AT CIAMPINO AIRPORT

13.00-14.00	Sign in and lunch
14.00-14.10	Welcome, housekeeping, aims and objectives for the course (LMB, MC, MDN, airport crew)
14.10-14.15	EuroELSO Chair/ESPNIC Chair
14.15-14.35	History of ECMO Transports (LMB)
14.35-14.55	Altitude Physics and Aeromedicine (MC)
14.55-15.15	Understanding ECLS Transport: The Essentials (MDN)
15.15-15.40	Crew Resource Management
15.40-16.00	Ethical Challenges in ECLS Transport (GC)
16.00-16.30	Coffee Break
16.30-16.50	Classification of ECMO Transport: Primary, Secondary and Tertiary (FA)
16.50-17.10	Equipment for ECMO Transport: Ground, Air, and Beyond (SB)
17.10-17.30	Eyes on the Patient: Monitoring Challenges During Transport (AM)
17.30-18.00	Get Set: Equipment and Environment Orientation (all)

TRANSPORT TO THE HOTEL AND CHECK IN

DINNER 19.30-LATE

PROGRAMME

DAY 2 "LIFE IS A HIGHWAY!"

07.00-08.00	Breakfast at the hotel
08.00-08.30	Transport to the venue
09.00-09.20	Cannulation on the Move: Primary ECMO Transport (CH)
09.20-09.40	Percutaneous cannulation, practical approach and challenges (AD)
09.40-10.00	Principles of Secondary ECLS Transport (LMB)
10.00-10.20	The Journey Matters: ECLS Transport Modes and Logistics (SB)
10.20-10.40	Coffee Break
REST OF THE DAY	Hands-on

SIMULATION

TAKE A BREATH!

PROGRAMME

DAY 2 "LIFE IS A HIGHWAY!"

5'	Road Transport	Air Transport	Helicopter Transport	Long Term Transport
10.45-11.40	Group A	Group B	Group C	Group D
5'				
11.45-12.40	Group B	Group C	Group D	Group A
12.45-13.45	Lunch			
5'	Road Transport	Air Transport	Helicopter Transport	Long Term Transport
13.45-14.40	Group C	Group D	Group A	Group B
5'				
14.45-15.40	Group D	Group A	Group B	Group C
15.45-16.15	Coffee			
5'	Road Transport	Air Transport	Helicopter Transport	Long Term Transport
16.15-17.10	Group A	Group B	Group C	Group D
5'				
17.10-18.05	Group B	Group C	Group D	Group A

18.15-18.30

Key Takeaways of the Day

18.30-19.00

Travel back to the hotel

DINNER

TOP GUN THEME :-)

PROGRAMME

DAY 3 “FLY ME TO THE MOON!”

07.00-08.00

Breakfast at the hotel

08.00-08.30

Transport to the venue

5'	Road Transport	Air Transport	Helicopter Transport	Long Term Transport
09.00-09.55	Group C	Group D	Group A	Group B
5'				
10.00-10.55	Group D	Group A	Group B	Group C
5'	Road Transport	Air Transport	Helicopter Transport	Long Term Transport
11.00-11.55	Group A	Group B	Group C	Group D
5'				
12.00-12.55	Group B	Group C	Group D	Group A
13.00-14.00	Lunch			
5'	Road Transport	Air Transport	Helicopter Transport	Long Term Transport
14.00-14.55	Group C	Group D	Group A	Group B
5'				
15.00-15.55	Group D	Group A	Group B	Group C
16.00-16.15	Coffee			

16.15-16.30

Tips and tricks during transports (SB)

16.30-16.45

ECLS transport team members' education and licensing (MC)

16.45-17.00

International Transport and insurance (LMB)

REFLECTION AND FEEDBACK

17.00-17.15 FAREWELL :-)

Many thanks for participating ☺

AIMS, GOALS AND LEARNING OUTCOMES

“GOAL-PLAN-ACTION”

Course Details

This International Course on ECLS Transport has been developed by an international faculty from the EuroELSO and ESPNIC societies in collaboration with Bambino Gesù Hospital and Ciampino Airport, Italy

Target Audience

Healthcare professionals involved in the care and transport of patients receiving ECLS including intensivists, anaesthetists, perfusionists, paediatricians, neonatologists, emergency department physicians, cardiac intensivists, ECMO specialists, surgeons, cardiologists, ICU nurses, theatre staff, trainees, and other allied healthcare professionals.

Learning Outcomes

At the end of this course, participants will:

- Understand the different transport modes used in ECLS transport and the challenges associated with each mode.
- Learn the principles of altitude physiology, aeromedicine, and their impact on ECLS transport.
- Recognize the specific working environments and risk situations encountered during transport.
- Understand the logistical aspects of ECLS transport including preparation, planning, coordination, and communication.
- Become familiar with dedicated ECLS transport equipment.
- Develop skills to troubleshoot and manage complications or adverse events during ECLS transport
- Gain an overview of the legal, regulatory, and insurance aspects of international ECLS transport.

GOALS AND AIMS

- TO ACQUIRE ADVANCED KNOWLEDGE AND COMPETENCIES IN MANAGING PATIENTS DURING ECLS TRANSPORT.
- TO DEVELOP EFFECTIVE MULTIDISCIPLINARY TEAMWORK SKILLS REQUIRED TO SAFELY MANAGE PATIENTS UNDERGOING ECLS TRANSPORT.

FACULTY

“OPENING THE DOOR”

Venue

Ciampino Airport
Via Appia Nuova, 1651, 00040 Ciampino RM, Italy

Course Leaders:

Lars Mikael Broman (LMB), Mirjana Cvetkovic (MC)

Local Chair:

Matteo Di Nardo (MDN)

Faculty:

Francisco Abecasis (FA)

Sylvia Belda (SB)

Giacomo Cavallaro (GC)

Anna Delgado (AD)

Chris Harvey (CH)

Lisa Carson Price (LCP)

Jerome Rambaud (JR)

Simulation Team Bambino Gesù Hospital

Guest speaker: Andrea Moscateli (AM)



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