

BCN SIM-BASED **ECPR** MEGACODE

VALL D'HEBRON BARCELONA ECMO TEAM

24th OCTOBER 2024



GENERAL DESCRIPTION

- ECPR scenario divided in two modules of 90 min:
 - Cannulation process and initiation of support using a **phantom model**.
 - Extracorporeal support management using **last generation ECMO simulator**.
- Instructors: 3 ECPR & SIM experts from highly experienced ECMO training group.
- Ratio expert/attendee of 3/10.
- Structured debriefing-focused simulation following ELSO standards.

STRICT LIMIT OF 10 PLACES

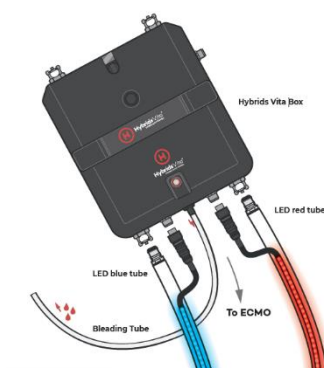
ECMO experience is a condition for inscription

COMPETENCIES BEING TRAINED

- **CANNULATION MODULE (15h30-17h):**
 1. Indicate ECPR and EISOR.
 2. Select adequate cannulation configuration.
 3. Cannulate.
 4. Initiate extracorporeal support.
 5. ECPR team organization and coordination.



- **NETWORKING BREAK (17h-17h30).**
- **MANAGEMENT (17h30-19h):**
 1. Stabilization, identify and treat the cause of cardiac arrest.
 2. Manage ECPR case, considering particularities.
 3. Prevent, diagnose, and solve specific complications.
 4. Wean vs withdraw vs change to EISOR.




DIRECTOR & INSTRUCTOR



Jordi Riera

Intensivist, Adult ECMO program Director
Vall d'Hebron Hospital, Barcelona;
EuroELSO Steering Committee
ELSO Research Committee

INSTRUCTORS



Eduard Argudo

Intensivist
ECMO team Vall d'Hebron Hospital



María Martínez

Intensivist
ECMO team Vall d'Hebron Hospital