

BCN SIM-BASED ECPR MEGACODE

VALL D'HEBRON BARCELONA ECMO TEAM

18th OCTOBER 2023



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):

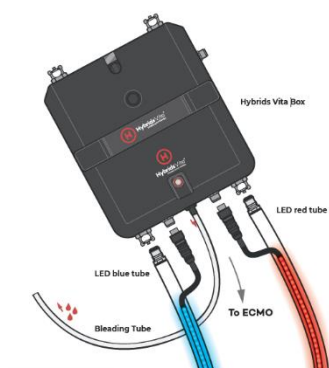
1. Indicate ECPR and EISOR.
2. Select adequate cannulation configuration.
3. Cannulate.
4. Initiate extracorporeal support.
5. ECPR team organization and coordination.



• 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



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INSTRUCTORS



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