



The Intensive Connection

ECLS WORKSHOP

JOINT EVENT EUROELSO & ESICM

24th & 25th APRIL 2024





The Intensive Connection

DIRECTOR



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KEY OBJECTIVES

- **V-V ECMO support management:**
 1. Indicate V-V ECMO in different clinical scenarios.
 2. Indicate the adequate V-V cannulation strategy: double lumen vs single lumen.
 3. Adjust blood and gas flow.
 4. Titrate MV parameters.
 5. Identify and manage recirculation.
 6. Identify and manage drainage insufficiency.
 7. Manage patient with awake ECMO strategy.
 8. Wean the patient.
- **ECPR & V-A ECMO support management:**
 1. Indicate V-A ECMO and ECPR in different clinical scenarios.
 2. Indicate the adequate V-A cannulation strategy: seldinger tech vs hybrid.
 3. Adjust blood and gas flow.
 4. Titrate drugs during support.
 5. Indicate left ventricle unloading.
 6. Identify and solve differential oxygenation.
 7. Wean the patient.
- **V-V & V-A peripheral cannulation using Seldinger technique.**
- **Technical troubleshooting.**
 1. Drainage insufficiency.
 2. Air embolism. Pump failure.
 3. Membrane lung failure.
 4. Gas failure

