

ECMO Course Basics

Course Director **Dott Matteo Di Nardo**

Coordinator **Dott. Rosanna Zanai**

08.30/09.00 Physiology of gas-exchange during ECMO – **Dott. Matteo Di Nardo**

09.15/09.45 Neonatal and pediatric indication to ECMO (Cardiac & Respiratory)
Dott. Matteo Di Nardo

10.00/10.30 Cannulation for neonatal and pediatric respiratory and ECMO
Dott. Davide Calvaruso

10.30/11.00 Coffee break

11.00/11.20 Management of Mechanical Ventilation during ECMO: my way
Dott. Matteo Di Nardo

11.30/11.50 How do I manage anticoagulation in neonates and children: an easy approach – **Dott. Matteo Di Nardo**

12.00/12.30 Frequent complications during respiratory ECMO: how to prevent and manage – **Dott. Matteo Di Nardo**

13.00/14:00 *Lunch*

14.00/18.00 Hand's on

Problem solvings on: how to set the pump flow in VA & VV ECMO; which cannulas for VV and VA ECMO; how to manage unexpected hypoxia during VV ECMO; how to manage the harlequin syndrome in VA ECMO