



Congenital
Heart
Campus

ORTIGIA
SICILY

May 22-26, 2019



ECMO Basics

May 22th

Course Director Dott Matteo Di Nardo (Rome)

Coordinator Dott. Rosanna Zanai (Taormina)

8:30-9:00 - Physiology of gas-exchange during ECMO

M. Di Nardo

9:15 -9:45 - Neonatal and pediatric indication to ECMO (Cardiac & Respiratory)

R. Zanai

10:00-10:30 - Cannulation for neonatal and pediatric respiratory and ECMO

G. Perri

10:30-11:00 - Coffee break

11:00-11:20 - Management of Mechanical Ventilation during ECMO: my way.

M. Di Nardo

11:30-11:50 - Frequent complications during cardiac & respiratory ECMO: how to prevent and manage

R. Zanai

12:00-12-30 - How do I manage anticoagulation in neonates and children: an easy approach M. 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

Dr M. Di Nardo, Dr R. Zanai, Dr G. Perri

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