

PROGRAMME

ECMO SPECIALIST COURSE

26TH - 29TH MARCH, 2018

UNIDADE
RIO DE
JANEIRO

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Bruno Fernandes

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OBJECTIVES

- Identify candidates for ECMO
- Identify the components of ECMO and how it works
- Choosing the best cannula to the patient
- Discuss the indications of VV-ECMO and VA-ECMO
- How to use of prognostic tools to help the decision of ECMO
- Treat emergencies on ECMO
- Discuss ethic issues on ECMO
- Treat daily issues on ECMO
- Transport with ECMO
- How to wean ECMO
- Understand ECMO physiology

EDUCATIONAL METHODS

- Theoretical lectures
- Training sessions with participants
- Sessions with live animals

FACULTIES

International:

Leonardo Salazar (COL)
Logistics and Education Co-Chariman
ELSO Latin América

Rodrigo Diaz (CHI)
Past Co-Chairman
ELSO Latin América

National:

Gustavo Ribeiro
Registry Co-Chariman
ELSO Latin América

Vitor Barzilai

Marcelo Park
Committee Member
ELSO Latin América

Assad Sassine

Day 1 - March 26th, 2018

08.15 am Registration, welcome and introduction

THEORETICAL SESSION

09.30 am History of ECMO

10.30 am Coffee Break

11.00 am ECMO Economics

12.00 pm Lunch at the Institute

01.00 pm VV-ECMO Physiology

02.00 pm ARDS: Update

03.00 pm Indications of VV-ECMO

04.00 pm Break

PRACTICAL SESSION

	Groups 1 / 2 / 3:	Groups 4 / 5 / 6:
04.30 pm	Components of ECMO	Puzzle Session
05.15 pm	Puzzle Section	Components of ECMO

06.00 pm End of First Day

Day 2 - March 27th, 2018

08.15 am Welcome

THEORETICAL SESSION

08:30 am Review of Day One

09.20 am Anticoagulation

10.10 am Break

10.40 am CRM

11:30 am Emergencies on ECMO

12.20 am Lunch

PRACTICAL SESSIONS

	Groups 1 / 2 / 3:	Groups 4 / 5 / 6:
01.30 pm	Patient Management	Simulation 01
02.10 pm	Cannulation	Simulation 02
03.00 pm	Circuit Management	Simulation 03
03.50 pm	Simulation 01	Patient Management
04.40 pm	Simulation 02	Cannulation
05.10 pm	Simulation 03	Circuit Management

06.00 pm End of second day

Day 3 - March 28, 2018

08.15 am Welcome

THEORETICAL SESSION

08:30 am Review of Day One and Two

PRACTICAL SESSIONS

	Groups 1 / 2 / 3:	Groups 4 / 5 / 6:
09.20 am	Simulation 04	VA ECMO
10.10 am	Simulation 05	Pharmacology
11.00 am	Simulation 06	Weaning
12.00 am	Lunch	

PRACTICAL SESSIONS

	Groups 1 / 2 / 3:	Groups 4 / 5 / 6:
01.00 pm	VA ECMO	Simulation 04
01.50 pm	Pharmacology	Simulation 05
02.40 pm	Weaning	Simulation 06
03.50 pm	Break	

THEORETICAL SESSION

04.00 pm ECMO Transport
 04.50 pm Nursing care of the ECMO patient
 05.40 pm Ethics in ECMO
 06.00 pm End of third day

Day 4 - March 29, 2018

08.15 am Welcome

THEORETICAL SESSION

08:30 am Review of Day Two and Three

PRACTICAL SESSIONS

	Groups 1 / 2 / 3:	Groups 4 / 5 / 6:
09.20 am	Outcomes	Simulation 07
10.10 am	ECPR	Simulation 08
11.00 am	ECMO in Special Situations	Simulation 09

12.00 am Lunch

PRACTICAL SESSIONS

	Groups 1 / 2 / 3:	Groups 4 / 5 / 6:
01.00 pm	Simulation 07	Outcomes
01.50 pm	Simulation 08	ECPR
02.40 pm	Simulation 09	ECMO in Special Situations

03.30 pm Break

THEORETICAL SESSION

04.00 pm ECMO in Heart Transplant
 04.50 pm How to set up and ECMO Program
 05.40 pm ECMO News
 06.00 pm End of Course – Delivery of Certificates