

LA PITIÉ “INTERNATIONAL DIPLOMA IN ECMO & SHORT-TERM RESPIRATORY/CIRCULATORY SUPPORT”



7 - 11
MARCH
2016



Institute
of Cardiology,
La Pitié
Hospital

FINAL
PROGRAM



52, Boulevard
Vincent Auriol
75013 Paris
FRANCE

www.paris-ecmo.org

COVERCOME

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LA PITIÉ

MONDAY MARCH 7

MORNING

- 10.00 - 10.30** Welcome and registration, Presentation of the Diploma
A. COMBES, P. LÉGER, G. LEBRETON, P. LEPRINCE, C.-E. LUYT, M. SCHMIDT, N. BRÉCHOT
- 10.30 - 11.30** History of VA ECMO A. COMBES
- 11.30 - 12.00** The ECMO circuit : pump, membrane oxygenator, surface coatings P. LÉGER
- 12.00 - 12.30** Gas transfer in ECMO membranes M. SCHMIDT
- 12.30 - 13.00** The ELSO/Euro ELSO organization, registry and research on ECMO M. SCHMIDT

🕒 **13.00 - 14.00** Lunch

AFTERNOON

- 14.00 - 15.15** History of ECMO for acute respiratory failure A. COMBES
- 15.15 - 16.00** Gas exchange physiology, gas exchange in ARDS patients M. SCHMIDT
- ☕ **16.00 - 16.15** Coffee break
- 16.15 - 16.45** IABP for cardiogenic shock N. BRÉCHOT
- 16.45 - 17.15** Cardiogenic shock, Indications for ECMO N. BRÉCHOT
- 17.15 - 17.45** How I launch an ECMO program? G. LEBRETON, P. LEPRINCE
- 17.45 - 18.15** Organization of an ECMO mobile rescue team, results at La Pitié, Paris
G. LEBRETON, P. LEPRINCE

TUESDAY MARCH 8

MORNING

- 09.15 - 10.15** Fulminant myocarditis, diagnosis, outcomes, indications and results of ECMO A. COMBES
- ☕ **10.15 - 10.30** Coffee break
- 10.30 - 11.00** Pathophysiology of mechanical ventilation induced lung injuries J.-D. RICARD
- 11.00 - 11.30** Definition and epidemiology of ARDS J.-D. RICARD
- 11.30 - 12.30** Rescue maneuvers for refractory hypoxemia, Indications for ECMO A. COMBES
- 11.30 - 13.00** Cannulation for VV ECMO A. COMBES

🕒 **13.00 - 14.00** Lunch

AFTERNOON

- 14.00 - 14.30** My patient remains hypoxemic on VV... N. BRÉCHOT
- 14.30 - 16.30** Practical hands-on session with La Pitié Perfusionnists/Discussions of concrete cases at patient's bedside
- ☕ **16.30 - 16.45** Coffee break
- 16.45 - 17.15** Cannulation for VA ECMO (peripheral and central) G. LEBRETON
- 17.15 - 17.45** ECMO for complicated heart surgery G. LEBRETON, P. LEPRINCE
- 17.45 - 18.15** Long-term mechanical assistance for cardiac failure VAD, TAH G. LEBRETON

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WEDNESDAY MARCH 9

MORNING


- 08.30 - 09.00** Pandemic A H1N1 influenza, indications and results of ECMO C.-E. LUYT
09.00 - 09.30 Ethical aspects of ECMO C.-E. LUYT
09.30 - 10.30 Hemostasis and coagulation physiology. Specific aspects for ECMO
A. COMBES, M. SCHMIDT

 **10.30 - 11.00** Coffee break

- 11.00 - 11.30** Management of anticoagulation in ECMO patients. Bleeding on ECMO: causes and management C.-E. LUYT
11.30 - 12.00 Prevention and treatment of pulmonary edema under peripheral VA ECMO N. BRÉCHOT
12.00 - 13.00 ECMO in lung transplantation E. SAGE


 **13.00 - 14.00** Lunch

AFTERNOON

- 14.00 - 16.00** MAQUET practical hands-on session/Discussions of concrete cases at patient's bedside
 **16.00 - 16.30** Coffee break
16.30 - 17.15 ECMO for organ donation after cardiac death G. LEBRETON
17.15 - 18.00 BiVAD, TAH or double ECLS for bridging to heart transplantation?
G. LEBRETON, P. LEPRINCE
18.00 - 18.30 Alternative heart mechanical assistance
(TandemHeart, PulseCath, Aortix, Circulite, Heartmate PHP...) G. LEBRETON

THURSDAY MARCH 10


MORNING

- 08.30 - 09.15** Neurologic complications of ECMO C.-E. LUYT
09.15 - 10.00 ECMO for refractory septic shock N. BRÉCHOT
 **10.00 - 10.30** Coffee break

- 10.30 - 11.15** Intoxication with cardiotoxic drugs, indications and results of ECMO B. MÉGARBANE
11.15 - 12.00 Indications and results of ECCO2R techniques
(PALP, Novalung, Alung, PrismaLung...) A. COMBES
12.00 - 12.30 Mechanical ventilation of ARDS patients M. SCHMIDT
12.30 - 13.00 Mechanical ventilation of patients on VVECMO for ARDS M. SCHMIDT

 **13.00 - 14.00** Lunch

AFTERNOON

- 14.00 - 14.45** Refractory cardiac arrest, In-hospital, out-of-hospital, E-CPR results, A. COMBES
14.45 - 15.15 Acute kidney injury and ECMO A. COMBES
15.15 - 16.00 ECMO for heart transplant patients C. D'ALEMA
 **16.00 - 16.30** Coffee break
16.30 - 18.30 Practical hands-on session with XENIOS/Discussions of concrete cases at patient's bedside

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FRIDAY MARCH 11

MORNING

08.30 - 09.00 Infectious complications of ECMO

M. SCHMIDT

09.00 - 09.30 Pk/PD of medications under ECMO

M. SCHMIDT

09.30 - 10.00 Circulatory assistance with the IMPELLA device

A. COMBES

 **10.00 - 10.15** Coffee break

10.15 - 11.00 Echocardiographic monitoring of the ECMO patient

G. HEKIMIAN

11.00 - 12.00 Nursing on ECMO: mobilizing the ECMO patient

C. MOSSADEGH

 **12.00 - 13.15** Lunch and Graduation Ceremony

AFTERNOON

13.15 - 14.00 Work with our nurses in the ICU

14.00 - 14.30 Weaning from VA ECMO

N. AISSAOUI

14.30 - 15.00 Weaning from VV-ECMO

M. SCHMIDT

15.00 - 15.30 Long term outcomes after ECMO

N. BRÉCHOT

ORGANISATION & REGISTRATION

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