

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



ELSO ENDORSED STEP 1 COURSE



**SEPTEMBER
21 - 25
2026**

Institute
of Cardiology,
La Pitié
Hospital



PROGRAM



52 boulevard
Vincent Auriol
75013 Paris
FRANCE

www.ecmo-diploma.paris-ecostcs.com



SEPTEMBER
21-25
2026

LA PITIÉ

MONDAY, SEPTEMBER 21

MORNING

- 10.00 - 10.15** Welcome and registration, Presentation of the Diploma
10.15 - 10.45 The ECMO circuit: pump, membrane oxygenator, Surface Coatings
10.45 - 11.45 Cannulation for VV-ECMO
11.45 - 12.30 Gas transfer in ECMO membranes

La Pitié Faculty
A. COMBES
A. COMBES
M. SCHMIDT

 **12.30 - 13.30** Lunch

AFTERNOON

- 13.30 - 14.30** ECMO for ARDS after EOLIA
14.30 - 14.45 Mechanical ventilation of patients on VV-ECMO for ARDS
14.45 - 15.30 Tutorial: How to prone patients on VV-ECMO?

A. COMBES
M. SCHMIDT
M. SCHMIDT

 **15.30 - 15.45** Coffee break

- 15.45 - 17.45** Practical ECMO simulation session with GETINGE / Discussions of concrete cases at patient's bedside

TUESDAY, SEPTEMBER 22

MORNING

- 09.00 - 09.45** My patient remains hypoxemic on VV...
09.45 - 10.30 Bleeding on ECMO: causes and management

C.-E. LUYT
C.-E. LUYT

 **10.30 - 10.45** Coffee break

- 10.45 - 11.30** Management of anticoagulation in ECMO patients
11.30 - 12.30 ECMO for pulmonary embolism

M. SCHMIDT
M. SCHMIDT

 **12.30 - 13.30** Lunch

AFTERNOON

- 13.30 - 14.00** Prevention and treatment of pulmonary edema under peripheral VA-ECMO
14.00 - 14.30 Intoxication with cardiotoxic drugs, indications and results of ECMO
14.30 - 15.30 How I launch an ECMO program and an ECMO mobile rescue team?
Cannulation for VA-ECMO...

G. HEKIMIAN
G. HEKIMIAN
G. LEBRETON

 **15.30 - 15.45** Coffee break

- 15.45 - 17.45** Discussions of concrete cases at patient's bedside

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WEDNESDAY, SEPTEMBER 23

MORNING

09.00 - 09.45 La Pitié experience of ECMO for COVID

M. SCHMIDT

09.45 - 10.15 COVID Cardiac involvement

G. HEKIMIAN



10.15 - 10.30 Coffee break

10.30 - 11.15 Cardiogenic shock, Indications for TCS and ECMO

G. HEKIMIAN

11.15 - 12.00 ECMO for refractory cardiac arrest, In-hospital, out-of-hospital, E-CPR results

A. COMBES

12.00 - 12.30 Nursing on ECMO: mobilizing the ECMO patient

M. SCHMIDT



12.30 - 13.30 Lunch

AFTERNOON

13.30 - 14.00 ECMO for refractory septic shock

A. COMBES

14.00 - 14.45 ECMO for heart transplant patients

A. COMBES

14.45 - 15.30 Infectious complications of ECMO

C.-E. LUYT



15.30 - 15.45 Coffee break

15.45 - 17.45 Practical ECMO simulation session with PRATICO / Discussions of concrete cases at patient's bedside

THURSDAY, SEPTEMBER 24

MORNING

09.00 - 09.45 Ethical aspects of ECMO

C.-E. LUYT

09.45 - 10.30 Neurologic complications of ECMO

C.-E. LUYT



10.30 - 10.45 Coffee break

10.45 - 11.15 Tutorial: How to wean patients from VV-ECMO?

M. SCHMIDT

11.15 - 12.00 Are scores useful to select patients for ECMO

M. SCHMIDT

12.00 - 12.30 Pk/PD of medications under ECMO

M. SCHMIDT



12.30 - 13.30 Lunch

AFTERNOON

13.30 - 14.15 Tutorial: How to wean patients from VA-ECMO?

G. HEKIMIAN

14.15 - 14.45 Acute kidney injury and ECMO

G. HEKIMIAN

14.45 - 15.30 Echocardiographic monitoring of the ECMO patient

G. HEKIMIAN



15.30 - 15.45 Coffee break

15.45 - 17.45 Discussions of concrete cases at patient's bedside

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FRIDAY, SEPTEMBER 25

MORNING

09.00 - 09.30 Indications and results of ECCO2R techniques A. COMBES

09.30 - 10.15 Fulminant myocarditis, diagnosis, outcomes, indications and results of ECMO A. COMBES



10.15 - 10.30 Coffee break

10.30 - 11.15 ECMO and immunocompromised patients C.-E. LUYT

11.15 - 12.00 Long term outcomes after ECMO C.-E. LUYT



12.00 - 13.30 Graduation ceremony and lunch

AFTERNOON

13.30 - 14.00 The ELSO/Euro ELSO organization, Registry and Research on ECMO M. SCHMIDT

14.00 - 14.45 ECMO in lung transplantation A. COMBES

14.45 - 15.30 Circulatory assistance with the IMPELLA device A. COMBES

ORGANISATION & REGISTRATION

OVERCOME, La Pitié Diploma Registration
13-15 rue des Sablons
75116 Paris, France
Ph.: +33 (0)1 40 88 97 97
Fax: +33 (0)1 43 59 76 07
Email: ecmodiploma@overcome.fr

LOCATION

Institute of Cardiology, La Pitié Hospital,
Paris, France
5th Floor
52 boulevard Vincent Auriol
75013 PARIS

www.ecmo-diploma.paris-ecostcs.com

