

**JUNE 23-24 2025 | PARIS** 

7 BOULEVARD JOURDAN 75014



HEART



LUNG

# ECOS-TCS

## INTERNATIONAL CONGRESS

[www.paris-ecostcs.com](http://www.paris-ecostcs.com)

### Program committee

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KIDNEY



LIVER



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We are pleased  
to welcome you to the International  
ECOS-TCS Congress!

Extracorporeal Organ Support (ECOS) and Temporary Circulatory Support (TCS) systems have become increasingly vital in the management of critically ill patients. These advanced technologies are frequently employed to treat patients experiencing cardiac, respiratory, kidney, and liver failure, as well as those requiring blood purification techniques...

We will explore innovative systems and platforms designed to support or replace organs affected by sepsis, trauma, or acute cardiac, respiratory, kidney, or liver diseases. A dedicated congress track will focus on Temporary Circulatory Support (TCS) devices, increasingly utilized by interventional cardiologists and intensivists or managing cardiogenic shock.

This Congress will feature cutting-edge discussions on the indications and outcomes of extracorporeal gas exchange techniques, including venovenous ECMO and ECCO2R, for managing acute respiratory failure. Dedicated sessions will explore the latest evidence and practical management strategies for patients with acute kidney injury requiring renal replacement therapy, acute liver failure, or conditions necessitating emergent blood purification.

This unique interdisciplinary forum will bring together cardiologists (particularly interventional cardiologists), heart and lung surgeons, pulmonologists, nephrologists, intensivists, hematologists, emergency physicians, anesthesiologists, respiratory therapists, perfusionists, and nurses to engage with world-renowned experts and discuss all theoretical and practical aspects of these evolving and promising technologies.

Have a successful congress!



**Logistics, organization and registration**

*Overcome*

13-15 rue des Sablons, 75116 Paris, France

Ph: +33 (0)1 40 88 97 97 - E-mail: [paris-ecostcs@overcome.fr](mailto:paris-ecostcs@overcome.fr)

# MONDAY, JUNE 23

Room	09.00 10.00	10.00 11.00		11.30 12.30	12.30 13.30		14.00 15.00	15.00 16.00		16.30 17.30
SALLE PLÉNIÈRE	Renal replacement therapy for AKI	Cardiogenic shock 2025 <i>(in partnership with SRLF and the USIC Group)</i>	Coffee break in the exhibition area ☕ 11.00-11.30	TCS for cardiogenic shock <i>(in partnership with the USIC Group of the SFC)</i>	Industry symposium	Coffee break in the exhibition area ☕ 13.30-14.00	ARDS 2025: what's new? <i>(in partnership with the SRLF)</i>	VV-ECMO (1)	Coffee break in the exhibition area ☕ 16.00-16.30	ECC02R
SALLE DE LECTURE	11:00 - 11:30 / 13:30 - 14:00 / 16:00 - 16:30 Workshop - Virtual ECMO Simulation scenario VA & VV 14:00 - 14:30 ECMO Cannulation Workshop									

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# TUESDAY, JUNE 24

Room	09.00 10.00	10.00 11.00		11.30 12.30	12.30 13.30		14.00 15.00	15.00 16.00		16.30 17.30
SALLE PLÉNIÈRE	TCS in cardiac procedures and operations	ECOS for out of hospital cardiac arrest <i>(in partnership with the SFMU)</i>	Coffee break in the exhibition area ☕ 11.00-11.30	Blood purification techniques	Industry symposium	Coffee break in the exhibition area ☕ 13.30-14.00	Management of ECMO for cardiogenic shock	VV-ECMO (2)	Coffee break in the exhibition area ☕ 16.00-16.30	Pediatric session
SALLE DE LECTURE	11:00 - 11:30 / 13:30 - 14:00 / 16:00 - 16:30 Workshop - Optimizing iNO Therapy: the pitfalls to avoid 14:00 - 14:30 ECMO Cannulation Workshop									

## 09.00-10.00 RENAL REPLACEMENT THERAPY FOR AKI

*Chairs: Stephane Gaudry, Bobigny - FRA, Guillaume Hékimian, Paris - FRA, Boris Jung, Montpellier - FRA*

- Management of severe metabolic acidosis in ICU: bicarbonate infusion or RRT?  
*Boris Jung, Montpellier - FRA*
- Successful RRT weaning: where are we?  
*Khalil Chaïbi, Bobigny - FRA*
- Should we consider the climate impact in the management of RRT in ICU?  
*Hafsah Hachad, Paris - FRA*

## 10.00-11.00 CARDIOGENIC SHOCK 2025 (IN PARTNERSHIP WITH SRLF AND THE USIC GROUP)

*Chairs: Alain Combes, Paris - FRA, Bruno Levy, Nancy - FRA*

- Does the PA catheter improve mortality in cardiogenic shock? *Bruno Levy, Nancy - FRA*
- Which inotrope? If any... *Susanna Price, London - UK*
- Role of the MitraClip in the correction of acute mitral insufficiency in cardiogenic shock  
*Johanne Silvain, Paris - FRA*

☕ 11.00-11.30 ▶ Coffee Break in the exhibition area

## 11.30-12.30 TCS FOR CARDIOGENIC SHOCK (IN PARTNERSHIP WITH THE USIC GROUP OF THE SFC)

*Chairs: Alain Combes, Paris - FRA, Christophe Vandenbriele, Aalst - BEL / Harefield, London - UK*

- Impella pre-PCI: is it a valid concept? *Jacob Moeller, Copenhagen - DK*
- ECMO vs. Impella in isolated LV failure  
- PRO IMPELLA *Christophe Vandenbriele, Aalst - BEL / Harefield, London - UK*  
- PRO ECMO *Alain Combes, Paris - FRA*

## 12.30-13.30 ECOS IN THE ICU - WHERE IS THE FUTURE POTENTIAL? *Hosted by VANTIVE*

*Chairs: Alain COMBES, Paris - FRA, Samir Jaber, Montpellier - FRA*

- Efficacy of ECCO<sub>2</sub>R with PrismaLung+ in mild-to-moderate ARDS patients  
*Alain Combes, Paris - FRA*
- Safety of ECCO<sub>2</sub>R with PrismaLung+ in mild-to-moderate ARDS patients  
*Samir Jaber, Montpellier - FRA*
- Extracorporeal Blood Purification during CSA-AKI: the SIRAKI02 trial  
*Xosé Perez Fernandez, Barcelona - ESP*

☕ 13.30-14.00 ▶ Coffee Break in the exhibition area

## 14.00-15.00 ARDS 2025: WHAT'S NEW ? (IN PARTNERSHIP WITH SRLF)

*Chairs: Guillaume Carteaux, Créteil - FRA, Alain Combes, Paris - FRA, Sébastien Preau, Lille - FRA*

- ARDS respiratory pathophysiology: the legacy of Luciano Gattinoni  
*Arthur Slutsky, Toronto - CAN*
- Pressure controlled vs. Volume controlled ventilation in ARDS?  
*Jean-Christophe Richard, Annecy - FRA*
- Dead space ventilation indices to evaluate ventilation/perfusion in ARDS  
*Tommaso Mauri, Milan - ITA*

## 15.00-16.00 VV-ECMO (1)

*Chairs: Gennaro Martucci, Palermo - ITA - Matthieu Schmidt, Paris - FRA*

- Respiratory mechanics in VV-ECMO *Matthieu Schmidt, Paris - FRA*
- SVC vs IVC drainage in VV-ECMO *Lars Broman, Stockholm - SWE*
- Transfusion Thresholds and Outcomes in ARDS patients on VV-ECMO *Gennaro Martucci, Palermo - ITA*

☕ 16.00-16.30 ▶ Coffee Break in the exhibition area

## 16.30-17.30 ECCO2R

*Chairs: Alain COMBES, Paris - FRA, Samir Jaber, Montpellier - FRA*

- Feasibility and safety of ultra-low volume ventilation ( $\leq 3$  ml/kg) with ECCO2R in ARDS *Samir Jaber, Montpellier - FRA*
- Expert perspectives on ECCO2R for acute hypoxemic respiratory failure *Alain Combes, Paris - FRA*
- Update on ECCO2R for decompensated COPD patients *Christian Karagiannidis, Cologne - DE*

### WORKSHOP Room - Salle de Lecture

#### VIRTUAL ECMO SIMULATION SCENARIO VA & VV

with GETINGE

11.00-11.30 / 13.30-14.00 / 16.00-16.30

*10 places per time slot*

#### ECMO CANNULATION

14.00-14.30

*8 places*

*Registration at the Congress  
welcome desk*



## 09.00-10.00 TCS IN CARDIAC PROCEDURES AND OPERATIONS

*Chairs: Adrien Bouglé, Paris - FRA, Guillaume Lebreton, Paris - FRA, Marc Pineton, Paris - FRA*

- Outcomes of ECMO after complicated heart surgery *Adrien Bouglé, Paris - FRA*
- ECMO for complex rhythm disorder and ablation procedures *Estelle Gandjbakhch, Paris - FRA*
- From ECMO to LVAD or to transplantation, what is the best option? *Guillaume Lebreton, Paris - FRA*

## 10.00-11.00 ECOS FOR OUT OF HOSPITAL CARDIAC ARREST (IN PARTNERSHIP WITH THE SOCIÉTÉ FRANÇAISE DE MÉDECINE D'URGENCE)

*Chairs: Guillaume Debaty, Grenoble - FRA, Alice Hutin, Paris - FRA,  
Charles-Édouard Luyt, Paris - FRA*

- Intraosseous or intravenous vascular access for out-of-hospital cardiac arrest? *Nicolas Segond, Grenoble - FRA*
- Do we need a new trial of ECPR for out of hospital cardiac arrest? *Alice Hutin, Paris - FRA*
- How to ventilate patients during refractory cardiac arrest before ECPR? *Guillaume Debaty, Grenoble - FRA*

☕ 11.00-11.30 ▶ Coffee Break in the exhibition area

## 11.30-12.30 BLOOD PURIFICATION TECHNIQUES

*Chairs: Alain Combes, Paris - FRA, Federico Pappalardo, Catania - ITA*

- What is adsorber desorption? And why you should care for it... *Sascha David, Zurich - CHE*
- Update on hemoadsorption in cardiogenic shock patients  
(with the partnership of CYTOSORBENTS) *Federico Pappalardo, Catania - ITA*
- Use of extracorporeal blood purification therapies in sepsis *Marlies Ostermann, London - UK*

## 12.30-13.30 THE CBM LIFEMOTION ECMO SYSTEM HOSTED BY CBM LIFEMOTION

*Cyril Serrick, Toronto - CAN*

☕ 13.30-14.00 ▶ Coffee Break in the exhibition area

## 14.00-15.00 MANAGEMENT OF ECMO FOR CARDIOGENIC SHOCK

*Chairs: Juliette Chommeloux, Paris - FRA, Paul Masi, Créteil - FRA, Federico Pappalardo, Catania - ITA*

- Which ECMO patients should receive a mechanical unloading device? *Federico Pappalardo, Catania - ITA*
- Is a PA catheter needed for the monitoring of all ECMO patients? *Carlos Alviar, New York - USA*
- How to define infection-related to ECMO cannulation? *Paul Masi, Créteil - FRA*



## 15.00-16.00 VV-ECMO (2)

*Chairs: Juliette Chommeloux, Paris - FRA, Brijesh Patel, London - UK*

- Update on ultraprotective ventilation trials and strategies under VV-ECMO

*Brijesh Patel, London - UK*

- VV-ECMO for tuberculosis related ARDS

*Ali Ait Hssain, Doha - QAT*

- Blood cell salvage on transfusion requirements after decannulation from VV-ECMO

*Brijesh Patel, London - UK*



16.00-16.30 ▶ Coffee Break in the exhibition area

## 16.30-17.30 PEDIATRIC SESSION

*Chairs: Alain Combes - Pierre Louis Léger, Paris - FRA*

- Should we cannulate prematures?

- Pros

*Lars Broman, Stockholm - SWE*

- Cons

*Yohan Sorèze, Paris - FRA*

- VA-V ECMO: indications and management

*Pierre-Louis Léger, Paris - FRA*

- How to choose VV-ECMO modality?

*Jérôme Rambaud, Paris - FRA*

### WORKSHOP Room - Salle de Lecture

#### OPTIMIZING iNO THERAPY: THE PITFALLS TO AVOID with AIR LIQUIDE

11.00-11.30 / 13.30-14.00 / 16.00-16.30

*10 places per time slot*

#### ECMO CANNULATION

14.00-14.30

*8 places*

*Registration at the Congress  
welcome desk*





## PROGRAMME

### ECOS in the ICU - Where is the future Potential?

**Moderators:** Prof. Alain COMBES and Prof. Samir JABER

- |               |  |
|---------------|--|
| 12:30 - 12:50 | Efficacy of ECCO <sub>2</sub> R with PrismaLung+ in mild-to-moderate ARDS patients.<br><b>Prof. Alain Combès</b> - Critical care medicine department - APHP Paris                          |
| 12:50 - 13:10 | Safety of ECCO <sub>2</sub> R with PrismaLung+ in mild-to-moderate ARDS patients.<br><b>Prof. Samir Jaber</b> - Anaesthesiology & ICU department - CHU Montpellier                         |
| 13:10 - 13:30 | Extracorporeal Blood Purification during CSA-AKI : The SIRAKI02 trial.<br><b>Dr. Xosé Perez Fernandez</b> - Critical care medicine department - University Hospital of Bellvitge Barcelona |

EMA-AT00-250030 - 04/2025

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## WE THANK OUR PARTNERS

### SILVER PARTNERS



### OTHER PARTNERS



## GENERAL INFORMATION

### VENUE

CIUP, Fondation Biermans Lapôte, 7 boulevard Jourdan, 75014 Paris, France

REGISTRATIONS	Onsite
Physicians	540 €
SRLF, ESICM, SFMU or USIC members*	470 €
Nurses, technicians, students*	340 €

\* Proof of status/membership will be required

The registration fee includes: access to the scientific sessions and the exhibition, daily breaks as well as Congress documents.

### LOGISTICS ORGANIZATION AND REGISTRATION

#### OVERCOME

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