

JUNE 29-30 2021 | E-CONGRESS



HEART



LUNG

ECOS-TCS

INTERNATIONAL CONGRESS

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Program committee

N. Aissaoui • L. Bonello • E. Bonnefoy • N. Bréchet
J.-P. Collet • A. Combes • C. Delhayé • C. Delmas
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KIDNEY



LIVER



COVERGOME

Welcome to our 2021 digital platform which opens...a new window on all forms of [ExtraCorporeal Organ Support \(ECOS\)](#), encompassing cardiac, respiratory, kidney and liver support and blood purification techniques...

+ Indeed, the broader term of ECOS (ExtraCorporeal Organ Support) should now be used to define the systems and platforms designed to support or replace organs compromised by sepsis, trauma, or specific cardiac, respiratory, kidney, or liver acute diseases. Of course, this year many sessions will discuss the use of ECOS devices and outcomes of patients with the most severe forms of COVID-19.

A specific congress track is dedicated to [Temporary Circulatory Support \(TCS\)](#) devices that are increasingly used by interventional cardiologists and intensivists to treat cardiogenic shock due to acute myocardial infarction and end-stage cardiac failure.

The Congress also provides state-of-the-art discussions on the indications and results of extracorporeal gas exchange techniques (venovenous [ECMO](#) and [ECCO2R](#)) for acute respiratory failure.

Specific sessions cover the latest evidence and practical management of patients with acute kidney injury in need of [renal replacement therapy](#), acute liver failure, or pathologies requiring emergent blood purification techniques.

Cardiologists and particularly interventional cardiologists, heart and lung surgeons, pulmonologists, nephrologists, intensivists, hematologists, emergency physicians, anesthesiologists, respiratory therapists, perfusionists, and nurses will have the unique opportunity to discuss with world key opinion leaders all theoretical and practical management aspects of these emerging and very promising technologies.

Have a pleasant e-Congress!



www.paris-ecostcs.com

Logistics, organization and registration

OVERCOME

13-15 rue des Sablons, 75116 Paris, France

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TUESDAY 29 JUNE

Rooms	09.00 10.00 (CEST)	10.15 11.15 (CEST)	11.30 12.30 (CEST)		14.15 15.15 (CEST)	15.30 16.30 (CEST)	16.45 17.45 (CEST)
Room 1	ECCO2R	Renal replacement therapy (1)	TCS in AMI patients (1)	🕒 13.00-14.00 Lunch symposium	ECOS for cardiac arrest	Renal replacement therapy (2)	ARDS 2021: what's new?
Room 2		VV ECMO			Blood purification techniques	Pediatric ECMO	
Room 3			Virtual ECMO Simulation (Beginner)				

WEDNESDAY 30 JUNE

Rooms	08.30 09.30 (CEST)	09.45 10.45 (CEST)	11.00 12.00 (CEST)		13.45 14.45 (CEST)	15.00 16.00 (CEST)	16.15 17.15 (CEST)
Room 1	Cardiogenic shock 2021 update	ECOS, TCS and ECMO burning questions	TCS in AMI patients (2)	🕒 12.30-13.30 Lunch symposium	VV ECMO (1)	COVID-19	VV ECMO (2)
Room 2		TCS/ECMO emerging indications			TCS for right ventricle failure	International round table: how COVID changes our organisation	
Room 3			Virtual ECMO Simulation (Medium)				

■ Sessions for physicians
 ■ Sessions for nurses and perfusionists
 ■ Workshops

09.00 - 10.00 ECCO2R

Chairs: A. COMBES, Paris - FRA - D. MCAULEY, Belfast - UK

- The REST trial *D. MCAULEY, Belfast - UK*
- Can hemofiltration provide significant CO₂ removal? *S. GAUDRY, Paris - FRA*
- ECCO2R indications: predictors of failure on conventional MV for severe COPD *C. KARAGIANNIDIS, Koeln - GER*

10.15 - 11.15 RENAL REPLACEMENT THERAPY FOR AKI (1)

Chairs: S. GAUDRY, Paris - FRA - M. PINETON, Paris - FRA

- Defining the best timing for renal replacement therapy in AKI *R. WALD, Toronto - CAN*
- Should we delay even more? *S. GAUDRY, Paris - FRA*
- Dialysis catheters in the ICU: selection, insertion and maintenance *T. RIMMELÉ, Lyon - FRA*

11.30 - 12.30 TCS IN AMI PATIENTS (in partnership with the CFCI)

Chairs: N. AISSAOUI, Paris - FRA - G. LEMESLE, Lille - FRA

- TCS in AMI and PCI: how to proceed? *A. LAUTEN, Berlin - GER*
- LV unloading to reduce infarct size *D. DONKER, Utrecht - NED*
- Hemostasis abnormality induced by mechanical circulatory devices: how to handle bleeding risk ? *M. MOUSSA, Lille - FRA*

 13.00 - 14.00 ▶ Lunch symposium (more information page 8)

14.15 - 15.15 ECOS FOR CARDIAC ARREST

Chairs: N. BRÉCHOT, Paris - FRA - J.-B. LASCARROU, Nantes - FRA

- Targeted temperature management in 2021 *J.-B. LASCARROU, Nantes - FRA*
- ECPR for patients with OHCA *D. YANNOPOULOS, Minneapolis - USA*
- Massive capillary leakage post-cardiac arrest: treatment options... *N. BRÉCHOT, Paris - FRA*

15.30 - 16.30 RENAL REPLACEMENT THERAPY FOR AKI (2)

Chairs: S. GAUDRY, Paris - FRA - R. WALD, Toronto - CAN

- Review of renal replacement therapy modalities for AKI in ICU patients *R. WALD, Toronto - CAN*
- Antibiotics Pk/Pd for patients on CRRT *F. TACCONE, Brussels - BEL*
- Regional anticoagulation in CRRT *C. VINSONNEAU, Béthune - FRA*

16.45 - 17.45 ARDS 2021: WHAT'S NEW?

Chairs: D. BRODIE, New York - USA - A. SLUTSKY, Toronto - CAN

- Phenotyping to guide ARDS management *A. SLUTSKY, Toronto - CAN*
- Early corticosteroids for ARDS?
 - > Pros *D. ANNANE, Paris - FRA*
 - > Cons *N. FERGUSON, Toronto - CAN*
- Liberal or conservative oxygenation target for ARDS? *G. CAPELLIER, Besançon - FRA*

NURSE SESSION

10.15 - 11.15

VV ECMO

B. BONGIORNO, Paris - FRA

S. VALERA, Marseille - FRA

14.15 - 15.15

BLOOD PURIFICATION TECHNIQUES

Chairs: G. LEBRETON, Paris - FRA - A. SUPADY, Freiburg - GER

- Hemadsorption for complicated cardiac surgery
- Combining ECLS and blood purification techniques
- Hemadsorption for advanced liver support

G. LEBRETON, Paris - FRA

A. SUPADY, Freiburg - GER

Z. MOLNAR, Pecs - HUN

15.30 - 16.30

PEDIATRIC ECMO

Chairs: E. HERVIEUX, Paris - FRA - P.-L. LÉGER, Paris - FRA

- Arterial accesses in Pediatric VA ECMO ?
- CO₂ removal in Pediatric ARDS
- New advances in ECMO neuromonitoring

E. HERVIEUX, Paris - FRA

P.-L. LÉGER, Paris - FRA

N. JORAM, Nantes - FRA



08.30 - 09.30 **CARDIOGENIC SHOCK 2021 UPDATE**

Chairs: C. SPAULDING, Paris - FRA - E. AMMIRATI, Milano - ITA

- Why you should use the SCAI definition of cardiogenic shock...
- What is my preferred inotrope/vasopressor for cardiogenic shock?
- Myocarditis 2021, an update on the latest evidence

J.-P. COLLET, Paris - FRA
S. PRICE, London - UK
E. AMMIRATI, Milano - ITA

09.45 - 10.45 **ECOS, TCS AND ECMO BURNING QUESTIONS**

Chairs: A. COMBES, Paris - FRA - S. PRICE, London - UK

- ECMO for severe pulmonary embolism
- Results of a multicenter trial of hypothermia for VA ECMO patients
- Latest data on ECMELLA

O. SANCHEZ, Paris - FRA
B. LEVY, Nancy - FRA
D. WESTERMANN, Hamburg - GER

11.00 - 12.00 **TCS IN AMI PATIENTS (in partnership with the USIC group)**

Chairs: N. AISSAOUI, Paris - FRA - E. BONNEFOY, Lyon - FRA

- The ANCHOR RCT for AMI cardiogenic shock
- Should TCS be used for pre-shock AMI patients?
- Latest data from the CULPRIT-SHOCK database

A. COMBES, Paris - FRA
C. SPAULDING, Paris - FRA
M. ZEITOUNI, Paris - FRA

🕒 12.30 - 13.30 ▶ Lunch symposium (more information page 8)

13.45 - 14.45 **VV ECMO (1)**

Chairs: L. CAMPOROTA, London - UK - E. FAN, Toronto - CAN

- ECMO for ARDS patients in 2021: When? In whom?
- Lung recruitability and mechanical ventilation on ECMO
- Should we prone all VV ECMO patients?

E. FAN, Toronto - CAN
L. CAMPOROTA, London - UK
M. SCHMIDT, Paris - FRA

15.00 - 16.00 **COVID-19**

Chairs: I. HASSAN, Doha - QAT - M. SCHMIDT, Paris - FRA

- COVID-19 and the Heart
- Is lung transplantation an option for non-recovering COVID patients?

E. AMMIRATI, Milan - ITA

- Roundtable with the experts: Update on COVID patient management on VV-ECMO

P. SCHELLONGOWSKI, Vienna - AUT
E. AMMIRATI, Milan - ITA - I. HASSAN, Doha - QAT
P. SCHELLONGOWSKI, Vienna - AUT - M. SCHMIDT, Paris - FRA

16.15 - 17.15 **VV ECMO (2)**

Chairs: A. COMBES, Paris - FRA - N. FERGUSON, Toronto - CAN

- Awake, extubated and ambulatory
 - > on VV ECMO
 - > on VV ECMO in COVID-19 patients
- Should we monitor and control the respiratory drive on ECMO?
- How I wean a patient from VV ECMO...

D. BRODIE, New York - USA
A. MUSTAFA, Chicago - USA
N. FERGUSON, Toronto - CAN
L. CAMPOROTA, London - UK

09.45 - 10.45 TCS/ECMO EMERGING INDICATIONS

Chairs: L. BROMAN, Stockholm - SWE - C.-E. LUYT, Paris - FRA

- VA ECMO for refractory vasoplegic septic shock
 - > Cons *N. BRÉCHOT, Paris - FRA*
 - > Pros *L. BROMAN, Stockholm - SWE*
- Building an efficient ECMO network: the Greater Paris COVID-19 experience
G. LEBRETON, Paris - FRA
- ECMO as a bridge to heart transplantation: a reasonable option? *G. COUTANCE, Paris - FRA*

13.45 - 14.45 TCS FOR RIGHT VENTRICLE FAILURE

Chairs: P. LEPRINCE, Paris - FRA - O. MERCIER, Le Plessis-Robinson - FRA

- ECMO management during lung transplantation for pulmonary hypertension
B. MOSER, Vienna - AUT
- Management of RHF in patients with pulmonary hypertension and bridging solutions to Tx
J. GRANTON, Toronto - CAN
- RV function and LVAD
K. BOUNADER, Rennes - FRA

NURSE SESSION

15.00 - 16.00 ROUND TABLE - HOW COVID-19 CHANGES OUR ORGANIZATION

Chairs: J.-A. FOWLES, Papworth - UK - S. VALERA, Marseille - FRA

- Nurse Organization during the pandemic *R. AGLIATI, Santiago de Chile - CHL*
- The e-learning tools developed during the pandemic *V. ANTONINI, Parma - ITA*
- COVID-19 in France *S. VALERA, Marseille - FRA*
- COVID-19 in Great-Britain *J.-A. FOWLES, Papworth - UK*



SPONSORED SESSIONS

TUESDAY 29 JUNE

ROOM 3

INDUSTRY-SPONSORED WORKSHOP, HOSTED BY GETINGE

GETINGE ✱

11.30 - 12.30 VIRTUAL ECMO SIMULATION (BEGINNER)

ROOM 1

INDUSTRY-SPONSORED SYMPOSIUM, HOSTED BY FRESENIUS

M. SCHMIDT, Paris - FRA



13.00 - 14.00

**NEW APPROACH IN ICU : ECMO VS. ECCO2R IN ARDS,
AND HEMOADSORPTION ASSOCIATED WITH EXTRACORPOREAL
SUPPORT THERAPIES**

Chair: A. COMBES, Paris – FRA

- Controversy in ARDS management
 - > Pro low flow ECCO2R
 - > Pro VV-ECMO

E. ZOGHEIB, Paris - FRA

M. SCHMIDT, Paris - FRA

- Adsorption & Extracorporeal support Therapies, from theory to practice

L. C. NAPP, Hannover - GER

WEDNESDAY 30 JUNE

ROOM 3

INDUSTRY-SPONSORED WORKSHOP, HOSTED BY GETINGE

GETINGE ✱

11.00 - 12.00 VIRTUAL ECMO SIMULATION (MEDIUM)

ROOM 1

INDUSTRY-SPONSORED SYMPOSIUM, HOSTED BY ESTOR

M. SCHMIDT, Paris - FRA



12.30 - 13.30

**BLOOD PURIFICATION THERAPIES IN SEPSIS:
FROM PATHOPHYSIOLOGY TO RATIONAL TARGETED SOLUTIONS**

Chair: A. COMBES, Paris - FRA – T. RIMMELÉ, Lyon – FRA

- Gut dysbiosis and endotoxemia – role of Polymyxin B hemoperfusion in endotoxic shock

T. RIMMELÉ, Lyon - FRA
- Sepsis-induced AKI: role of dialysis membrane and Sequential Extracorporeal Therapy

V. CANTALUPPI, Navara - ITA
- Mini-Invasive CO2 removal: a pragmatic strategy for preventing VILI

M. MAGGIORINI, Zurich - SWI

THE BEST POSTER IS PRESENTED AS A DISCUSSED POSTER

P1. Intracranial hemorrhage in adult patients on venoarterial extracorporeal membrane oxygenation

E. LÜSEBRINK, M. ORBAN, S. MASSBERG

OTHER POSTERS

P2. Predictors of acute kidney injury in patients after extracorporeal cardiopulmonary resuscitation

C. GAISENDREES, B. IVANOV, S. GERFER, A. SABASHNIKOV, I. DJORDJEVIC, T. WAHLERS

P3. Rapid establishment of ECMO program during the COVID-19 pandemic

I. SEADA, H. AL MASSLOOM

P4. The mobile ECMO team – out-of-center initiation of ECMO and patient retrieval during the COVID-19 pandemic

E. WIDMEIER, D. STAUDACHER, T. WENGENMAYER, D. DÜRSCHMIED, A. SUPADY

P5. Factors predictive for successful weaning off ECMO support

L. SUHR, I. DJORDJEVIC, A. SABASHNIKOV, C. GAISENDREES, P. RAHMANIAN, T. WAHLERS

P6. Obesity associated impact on in-hospital outcomes in VA ECMO patients

B. IVANOV, I. DJORDJEVIC, S. GERFER, C. GAISENDREES, A. SABASHNIKOV, T. WAHLERS

P7. Hyperoxemia during resuscitation of trauma patients and increased intensive care unit length of stay: inverse probability of treatment weighting analysis

P. MAIETTA

P8. Outcome of cardiac ECMO in children undergoing corrective cardiac surgery

S. SINGH, S. SENGUPTA, M.K. SAHU, S. TALWAR, V. DEVAGOUROU, U.K. CHOWDHURY

P9. Complex decision making in VA postcardiotomy ECMO

B. ROBINSON

BRONZE PARTNERS



OTHER PARTNERS



WORKING TO SAVE LIVES



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CONGRESS REGISTRATION

ECOS-TCS Congress will be 100% virtual this year.

All the participants will receive the link to the platform a few days before the beginning of the event.

Physicians
200 €
SRLF or ESICM members
150 €
Nurses, technicians, students
90 €

* 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.

Cancellation Policy: to request a refund, participants must return their registration receipt with a written request to Overcome before May 29.

There will be a cancellation fee of 60 € (excluding VAT). No refunds will be possible after this date.

The closing date for individual registration is on June 21. After this date, registration will be only accepted on site.

LOGISTICS ORGANIZATION AND REGISTRATION

OVERCOME:

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EACCME ACCREDITATION

An application has been made to the EACCME® for the CME accreditation of ECOS-TCS.

Complete the evaluation form in the tool bar if you would like to get an EACCME certificate if ECOS-TCS is accredited.



Parce que c'est maintenant
qu'il vous faut l'info !

Nouveau



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OrionPharmaPro.fr

- Des informations sur les traitements que vous utilisez au quotidien.
- Un accès direct à des supports d'actualités pour votre pratique.



Un point sur les **avancées récentes sur l'ECMO**, les aspects techniques, médico-économiques et éthiques.



La **place des inotropes** dans les récurrences de décompensation aiguës d'insuffisance cardiaque.



Une vision **synthétique et pragmatique** de l'évolution des recommandations des Pratiques Cliniques chez le patient adulte en soins critiques, **du PAD au PADIS**.

PAD : Pain Agitation Delirium - PADIS : Pain Agitation Delirium Immobility Sleep

ORION PHARMA
1^{er} laboratoire finlandais*

* En chiffre d'affaire. Source : IQVIA pharmaceutical sales statistics 1 12/2018



Nous le faisons pour *la maman de Bella.*

Chez Terumo Cardiovascular, nous agissons pour d'innombrables raisons : Pour les professionnels de santé à la recherche des meilleures technologies de leur catégorie. Pour une meilleure qualité de vie pour chaque patient. Pour nos clients, que nous apprécions en tant que véritables partenaires. Et pour la mère de Bella, qui aspire à vivre une vie meilleure.

Chez Terumo Cardiovascular, nous offrons une technologie sur laquelle vous pouvez compter, une approche de solution clinique axée sur la sécurité et la qualité des soins apportés aux patients, et nous continuons d'investir dans l'avenir pour aider à sauver une vie de plus, aujourd'hui et chaque jour.

Technology inspired for life.™



TERUMO
CARDIOVASCULAR



DELIVERING SOLUTIONS FOR INDIVIDUALIZED ECLS CARE

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FOR THE
FULL RANGE
OF PATIENTS
YOU TREAT

The Bio-Medicus Life Support™
portfolio is part of our ongoing
commitment to ECLS.

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See the device manual for detailed information regarding the instructions for use, indications, contraindications, warnings, precautions, and potential adverse events. For further information, contact your local Medtronic representative and/or consult the Medtronic website at www.medtronic.eu.

For applicable products, consult instructions for use on www.medtronic.com/manuals.

Manuals can be viewed using a current version of any major internet browser.

For best results, use Adobe Acrobat® Reader with the browser.

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



EUROELSO ECMO COURSE



**13 - 17
DECEMBER
2021**

**13 - 17
SEPTEMBER
2021**

Institute
of Cardiology,
La Pitié
Hospital



**11-15
OCTOBER
2021**



52 boulevard
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SAVE
THE
DATE



COVERCOME