

EURO BRAZIL 2025 APRIL 25-26 SAO PAULO

SCIENTIFIC PROGRAM

Room 1- April 25 th (Friday)

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|----------------|---|
| 08:00 to 08:30 | Conference / Infections/Sepsis Precision Antibiotic Therapy for Sepsis and Septic Shock Presenter: JAN DE WAELE - BELGIUM Moderator: MARCELO DE OLIVEIRA MAIA – Brasilia, BR |
| 08:30 to 10:30 | Thematic Session / Hemodynamic Shock Physiology: Modern Concepts and Therapeutic Implications Moderators: MURILLO ASSUNÇÃO – São Paulo – BR GILBERTO FRIEDMAN – Porto Alegre – BR |
| 08:30 to 08:50 | PMES and Venous Return: Foundations for Fluid Responsiveness Presenter: ANTOINE VIEILLARD-BARON – FRANCE |
| 08:50 to 09:10 | Arterial Pressure Curves: Distinguishing Normal from Pathological Patterns Presenter: FERNANDO GUTIERREZ – Rio de Janeiro – BR |
| 09:10 to 09:30 | Ventricular-Arterial Coupling and Eadyn: Insights into Shock Physiology Presenter: DANIEL DE BACKER – BELGIUM |
| 09:30 to 09:50 | Heart-Lung Interaction in Shock States: Hemodynamic Implications Presenter: LUDHMILA HAJJAR – São Paulo – BR |
| 09:50 to 10:10 | Dynamic Preload Indicators: Physiology and Limitations in Shock States Presenter: ANTOINE VIEILLARD-BARON – FRANCE |
| 10:10 to 10:30 | Discussion |
| 11:00 to 12:30 | Thematic Session / Respiratory Pulmonary Physiology in ARDS: Clinical Implications Moderators: ISRAEL MAIA – Florianopolis – BR JULIANA CARVALHO FERREIRA – São Paulo – BR |
| 11:00 to 11:20 | Non- Intubated ARDS: Pathophysiology and Magnagement Presenter: REMI COUDROY – FRANCE |
| 11:20 to 11:40 | Ventilation-Perfusion Mismatch in ARDS: Physiological and Clinical Insights Presenter: JORGE VALIATTII – Catanduva – BR |
| 11:40 to 12:00 | Lung Compliance and Recruitability in ARDS: Optimizing Mechanical Ventilation Presenter: CARMEN BARBAS – São Paulo – BR |

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12:00 to 12:20

The Role of Dead Space in ARDS Management: Assessment and Intervention

Presenter: SALVATORE MAGGIORE – ITALY

12:20 to 12:30

Discussion

12:30 to 13:30

Industry Satellite Symposium / Hemodynamic

13:30 to 15:30

Thematic Session / Neurocritical Care

Cerebral Physiology in the Critically Ill: The Neurointensivist's Challenge

Moderators: JOSÉ ARTHUR BRASIL – Curitiba – BR | LUANA TANNOUS - Curitiba – BR

13:30 to 13:50

Cerebral Perfusion and Autoregulation: Physiological Mechanisms and Disruptions in Critical Illness

Presenter: CÁSSIA RIGHY Rio de Janeiro – BR

13:50 to 14:10

Intracranial Pressure and Brain Compliance: Physiological Foundations and Adaptations in Response to Injury

Presenter: RAIMUND HELBOK - AUSTRIA

14:10 to 14:30

Coma and Consciousness: Physiological Underpinnings of Altered States in Critical Illness

Presenter: BRUNO GONÇALVES – Rio de Janeiro – BR

14:30 to 14:50

Brainstem Physiology: Understanding Its Role in Vital Functions and Responses to Injury

Presenter: LARA PRISCO – UK

14:50 to 15:10

Cerebral Electrical Activity: Insights into Brain Function Through Physiological Monitoring

Presenter: PEDRO KURTZ – Rio de Janeiro – BR

15:10 to 15:30

Discussion

15:30 to 16:00

Coffee Break

16:00 to 16:30

Interactive Case Discussion / Hemodynamic

Shock Advances and Challenges

Panelists: ANTOINE VIEILLARD-BARON - FRANCE | DANIEL DE BACKER – BELGIUM

Moderator: LUDHMILA HAJJAR – São Paulo – BR | Panelist: SUZANA LOBO – São Paulo – BR

16:30 to 16:50

Hemodynamic in Right Ventricular Dysfunction

Presenter: FERNANDO SUPARREGUI DIAS – Porto Alegre - BR

16:50 to 17:10

Pitfalls of Dynamic Variables in Assessing Fluid Responsiveness

Presenter: FLÁVIO FREITAS – São Paulo – BR

17:10 to 17:30

Septic Shock with Severe Vasoplegia: Challenges and Management

Presenter: FERNANDO GUTIERREZ – RIO DE JANEIRO - BR

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Room 2- April 25 th (Friday)

08:30 to 09:30

Round-table/ Respiratory

ARDS - Personalized Strategies

Moderators: PATRICIA ROCCO – Rio de Janeiro – BR | ALEXANDRE BIASI CAVALCANTI – São Paulo – BR

Panelists: CARMEN BARBAS – São Paulo – BR | MARCELO AMATO – São Paulo – BR

Panelists: JULIANA CARVALHO FERREIRA – São Paulo – BR | SALVATORE MAGGIORE - ITALY

09:30 to 10:30

Round-table / Respiratory

Managing Hypoxemia in ARDS

Moderators: RICARDO GOULART São Paulo – BR | SÉRGIO BALDISSEROTTO – Porto Alegre - BR

Panelists: ISRAEL MAIA – Florianopolis – BR | REMI COUDROY - FRANCE

Panelists: ALESSANDRA THOMPSON Rio de Janeiro – BR | ALEXANDRE ISOLA – São Paulo – BR

11:00 to 12:30

Interactive Case Discussion / Acute Kidney Injury

Acute Kidney Injury and Renal Replacement Therapy

Panelist: MARLIES OSTERMANN – UK | ERIC HOSTE - BELGIUM

Panelist: THIAGO ROMANO – São Paulo – BR | Moderator: MARCELO MAIA – Brasília – BR

11:00 to 11:30

Acute Kidney Injury in a Critically Ill Surgical Patient

Presenter: PEDRO T. ROCHA, Rio de Janeiro – BR

11:30 to 12:30

Early Indications for Renal Replacement Therapy in Acute or Urgent Scenarios

Presenter: LETICIA FLAVIO, São Paulo – BR

12:30 to 13:00

Managing Complications During Renal Replacement Therapy

Presenter: ROGÉRIO PASSOS – São Paulo – BR

13:30 to 15:30

Thematic Session / Acute Kidney Injury

Monitoring Renal Function and Biomarkers in the Critical Patient

Moderators: PEDRO T. ROCHA, Rio de Janeiro – BR | LETICIA FLAVIO, São Paulo – BR

13:30 to 13:50

Glomerular Filtration Rate: Measuring Renal Function in Critical Care

Presenter: MARLIES OSTERMANN – UK

13:50 to 14:10

Biomarkers in Acute Kidney Injury: Early Detection and Prognosis

Presenter: ERIC HOSTE – BELGIUM

14:10 to 14:30

Biomarkers in Specific Clinical Scenarios: Hepatorenal Syndrome

Presenter: JULIA WENDON – UK

14:30 to 14:50

Renal Perfusion in Shock: Monitoring and Intervention Strategies

Presenter: THIAGO ROMANO – São Paulo – BR

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14:50 to 15:10

Ultrasound for Renal Assessment in the Critically Ill: Techniques and Applications
Presenter: ROGÉRIO PASSOS – São Paulo - BR

15:10 to 15:30

Discussion

16:00 to 17:30

Thematic Session / Acute Kidney Injury
Renal Function and Its Challenges

Moderators: THIAGO ROMANO – São Paulo – BR | LETICIA JORGE – São Paulo – BR

16:00 to 16:20

Acute Kidney Injury: Pathophysiology and Early Detection
Presenter: ERIC HOSTE – BELGIUM

16:20 to 16:40

Oliguria
Presenter: PEDRO T. ROCHA – Rio de Janeiro – BR

16:40 to 17:00

Hypotension during dialysis
Presenter: ROGÉRIO PASSOS - São Paulo BR

17:00 to 17:20

Abdominal Hypertension and Compartment Syndrome: Impacts on Renal Function in Critical Patients
Presenter: JAN DE WAELE - BELGIUM

17:20 to 17:30

Fluid Accumulation Syndrome: how to manage?
Presenter: MARLIES OSTERMANN – UK

Room 1- April 26 th (Saturday)

08:00 to 08:30

Conference / Infections/Sepsis
Sepsis Management in the Green ICU: Aligning Sustainability with Optimal Patient Care
Presenter: JAN DE WAELE - BELGIUM
Moderator: CRISTIANO AUGUSTO FRANKE – Porto Alegre - BR

08:30 to 10:30

Thematic Session / Hemodynamic
Hemodynamic Monitoring in Shock: Choosing the Optimal Method (14)
Moderators: GILBERTO FRIEDMAN – Porto Alegre – BR | PATRICIA MELLO – Teresina - BR

08:30 to 08:50

Hemodynamic Approaches in Pulmonary Hypertension and Right Ventricular Dysfunction
Presenter: ANTOINE VIEILLARD-BARON - FRANCE

08:50 to 09:10

Monitoring Hemodynamics in ARDS: Challenges and Solutions
Presenter: FERNANDO SUPARREGUI DIAS - RS

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09:10 to 09:30

Hemodynamic support and monitoring in the OLT

Presenter: JULIA WENDON - UK

09:30 to 09:50

Optimizing Hemodynamic Monitoring in Cardiogenic Shock

Presenter: DANIEL DE BACKER - BELGIUM

09:50 to 10:10

Monitoring Patients on Mechanical Circulatory Support: Best Practices and Pitfalls

Presenter: FILOMENA GALAS – São Paulo – BR

10:10 to 10:30

Discussion

11:00 to 12:30

Thematic Session / Hemodynamic

SOFA 2.0: An Updated Approach to Organ Dysfunction Assessment (18)

Panelists: SUZANA LOBO – SJRP – BR | PATRICIA MELLO – Teresina – BR

11:00 to 11:20

Respiratory Dysfunction: Advancements in Monitoring and Scoring with SOFA 2.0

Presenter: RICARDO GOULART- São Paulo – BR

11:20 to 11:40

What If Immune Dysfunction Was Included in SOFA 2.0?

Presenter: JAN DE WAELE – BELGIUM

11:40 to 12:00

What If Gastrointestinal Dysfunction Was Included in SOFA 2.0?

Presenter: JULIA WENDON - UK

12:00 to 12:20

Cardiovascular Dysfunction: Enhanced Scoring and Clinical Implications in SOFA 2.0

Presenter: EDERLON REZENDE – São Paulo – BR

12:20 to 12:30

Discussion

12:30 to 13:30

Industry Satellite Symposium / Respiratory

13:30 to 15:30

Thematic Session / Neurocritical Care

New Tools in Neurocritical Care of Comatose Patients

Moderators: CRISTIANO FRANKE - RS | VIVIANE VEIGA – São Paulo- BR

13:30 to 13:50

Non-Invasive Intracranial Pressure Monitoring: Advances and Applications

Presenter: SALOMON SORIANO ROJAS – São Paulo – BR

13:50 to 14:10

Pupillometry: Beyond The Light Reflex

Presenter: GISELE SAMPAIO – São Paulo – BR

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14:10 to 14:30

Monitoring Cerebral Autoregulation: The Role of Optimal CPP

Presenter: LARA PRISCO – UK

14:30 to 14:50

Brain Tissue Oxygenation with Near-Infrared Spectroscopy (NIRS) versus PtiO₂: Ensuring Optimal Oxygen Delivery

Presenter: MARMELIA ALVES – São Paulo – BR

14:50 to 15:10

Cerebral Metabolism Assessment with Microdialysis: Understanding Cellular Health in Critical Care

Presenter: RAIMUND HELBOK – AUSTRIA

15:10 to 15:30

Discussion

15:30 to 16:00

Coffee Break

16:00 to 16:30

Thematic Session / Hemodynamic

Microcirculation and Tissue Perfusion: What to Monitor?

Moderators: LUCIANO AZEVEDO – São Paulo – BR | FILOMENA GALAS – São Paulo – BR

16:00 to 16:30

Monitoring Sublingual Microcirculation: Techniques and Clinical Relevance

Presenter: DANIEL DE BACKER - BELGIUM

16:30 to 16:50

Glycocalyx Integrity and Microcirculatory Health

Presenter: MURILLO ASSUNÇÃO – São Paulo – BR

16:50 to 17:10

Impact of Microcirculatory Alterations on Mitochondrial Function

Presenter: FLÁVIO FREITAS – São Paulo – BR

17:00 to 17:20

Biomarkers of Tissue Perfusion: Insights and Applications

Presenter: FLAVIO E. NACUL – Rio de Janeiro – BR

17:20 to 17:30

Discussion

Room 2- April 26 th (Saturday)

08:00 to 09:30

Round-table / Neurocritical Care

Intracranial Pressure and Brain Monitoring in Critical Care

Moderators: SALOMON SORIANO ROJAS: São Paulo- BR | BRUNO GONÇALVES – Rio de Janeiro - BR

Panelists: LARA PRISCO – UK | VIVIANE VEIGA – São Paulo – BR | FÁBIO SANTANA MACHADO – São Paulo – BR | JOSÉ ARTHUR BRASIL – São Paulo - BR

09:30 to 10:30

Round-table / Neurocritical Care

Neuroimaging and Ultrasound in Neurocritical Care (16)

Moderators: GISELE SAMPAIO SILVA – São Paulo –BR | SALOMON SORIANO – São Paulo - BR

Panelists: RAIMUND HELBOK - AUSTRIA | MARMELIA ALVES – São Paulo - BR

Panelists: CÁSSIA RIGHY – Rio de Janeiro – BR CARLA RYNKOWSKI – Porto Alegre – BR

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SAO PAULO

10:30 to 11:00

Coffee Break

11:00 to 12:30

Interactive Case Discussion / Respiratory

Severe ARDS

Panelists: PATRICIA ROCCO – Rio de Janeiro – BR | SALVATORE MAGGIORE - ITALY

Panelists: REMI COUDROY - FRANCE | Moderator: LUCIANO AZEVEDO – São Paulo – BR

11:00 to 11:30

Managing Escalating Hypoxemia – From High-Flow Nasal Cannula to Invasive Ventilation

Presenter: ISRAEL MAIA – Florianopolis - BR

11:30 to 12:00

Monitoring Severe ARDS with Electrical Impedance Tomography: Pendelluft Phenomenon

Presenter: ALEXANDRE BIASI CAVALCANTI – São Paulo – BR

12:00 to 12:30

Refractory Hypoxemia in ARDS – Indications and Initiation of V-V ECMO

Presenter: LEANDRO TANIGUCHI – São Paulo – BR

13:30 to 15:30

Thematic Session / Respiratory

Protective Mechanical Ventilation and Advanced Pulmonary Monitoring

Moderators: JORGE VALIATTII – Catanduva – BR | SÉRGIO BALDISSEROTTO – Porto Alegre – BR

13:30 to 13:50

Guiding Mechanical Ventilation in Acute Cor Pulmonale: Ventilatory and Hemodynamic Parameters

Presenter: SALVATORE MAGGIORE – ITALY

13:50 to 14:10

Asynchronies in Mechanical Ventilation: Detection and Management Strategies

Presenter: ALESSANDRA THOMPSON – Rio de Janeiro – BR

14:10 to 14:30

Electrical Impedance Tomography: A Tool for Advanced Respiratory Monitoring

Presenter: MARCELO AMATO – São Paulo – BR

14:30 to 14:50

Lung Ultrasound in Critical Care: Techniques and Applications

Presenter: LIVIA MELRO – São Paulo – BR

14:50 to 15:10

Oesophageal Pressure: Indications and Monitoring

Presenter: REMI COUDROY – FRANCE

15:10 to 15:30

Discussion

16:00 to 17:30

Interactive Case Discussion / Neurocritical Care

Panelists: PEDRO KURTZ – Rio de Janeiro – BR | CARLA RYNKOWSKI – Porto Alegre - BR

Moderator: LUANA TANNOUS – Curitiba – BR | Panelist: FÁBIO MACHADO – São Paulo – BR



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16:00 to 16:30

Management of Cerebral Edema and Elevated Intracranial Pressure (ICP)

Presenter: BRUNO GONÇALVES – Rio de Janeiro – BR

16:30 to 17:00

Subarachnoid Hemorrhage with Complications – Managing Vasospasm and Delayed Cerebral Ischemia

Presenter: CÁSSIA RIGHY - Rio de Janeiro – BR

17:00 to 17:30

Acute Ischemic Stroke – Strategies for Reperfusion and Critical Care Management

Presenter: GISELE SAMPAIO - São Paulo – BR