

World Sepsis Congress Spotlight: Unmet Need in Sepsis Diagnosis and Therapy

A Free Online Congress by the Global Sepsis Alliance and the
Physician-Patient Alliance for Health & Safety

To be held completely online on April 23, 2024

Information and free registration:
wscspotlight.org

#WSCSpotlight



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Welcome to the 2024 World Sepsis Congress Spotlight

On April 23, 2024, the Global Sepsis Alliance (GSA) and the Physician-Patient Alliance for Health & Safety (PPAHS) will be delighted to host the 2024 World Sepsis Congress Spotlight: Unmet Need in Sepsis Diagnosis and Therapy.

As we navigate through uncertain times - especially in global health - it is crucial to come together as a community and exchange insights, share experiences, and forge innovations for responding to the global challenge of sepsis, which continues to affect 48.9 million children, women, and men every year and remains associated with 1 in every 5 deaths worldwide.

Over the course of 9 distinctive sessions, globally renowned clinicians, researchers, experts, and thought leaders will cover the need for early diagnosis and treatment of sepsis in surgical patients, data, AI, and predictive modeling in sepsis, how hypervolemia increases the mortality rate in sepsis, the role of biomarkers, detecting sepsis in ventilated patients, pediatric sepsis, including the new 'Phoenix Criteria', as well as personalized approaches to sepsis management. The renewed 'Global Agenda for Sepsis' will also be presented as the new multi-year strategy for the global sepsis response.

This exciting program manifests our ongoing commitment to advancing knowledge, fostering dialogue, and driving positive change, and it will be of interest to medical professionals, patients and families, academia, policymakers, civil society, and industry alike.

As always, WSC Spotlight will be free of charge and take place entirely online, providing an inclusive and low-threshold opportunity to learn from the comfort of your own home, office, or wherever you have an internet connection. After the congress has concluded, all 9 sessions will be made available on our YouTube Channel and as a podcast for those unable to access them in real-time.

It is with immense pleasure and pride that we as Program Chairs extend a warm welcome to each and every one of you to the 2024 WSC Spotlight. We are certain April 23 will mark a significant milestone as we gather virtually, transcending geographical boundaries, and embracing the spirit of collaboration and innovation.

We look forward to seeing you on April 23, 2024!

Yours,



Louise Thwaites
Program Chair
Asia Pacific Sepsis Alliance
Vietnam



Michael Wong
Program Chair
Physician-Patient Alliance for Health & Safety
United States of America

Scientific Committee:

Antonio Artigas, Amy Campbell, Evangelos Giamarellos-Bourboulis, Luis Antonio Gorordo Del Sol, Shevin Jacob, Mariam Jashi, Niranjana 'Tex' Kisson, Suzana Lobo

WSC Project Manager:

Marvin Zick, General Manager, GSA

WSC Visual Design:

Katja Couball, Communication Manager, GSA

Tuesday April 23, 2024

Session 1: <i>Opening Session</i> The Renewed Global Agenda for Sepsis 9:00h Berlin Time	Session 2: The Need for Early Diagnosis and Treatment of Sepsis in Surgical Patients 10:00h Berlin Time	Session 3: Data, AI, and Predictive Modeling in Sepsis 11:30h Berlin Time
Session 4: How Does Hypervolemia Increase the Mortality Risk in Sepsis? 13:00h Berlin Time	Session 5: The Role of Biomarkers in the Early Detection of Sepsis 14:30h Berlin Time	Session 6: Detecting Sepsis in the Ventilated Patient 16:00h Berlin Time
Session 7: Closing the Needs in Pediatric Sepsis 17:30h Berlin Time	Session 8: Personalized Approaches to Sepsis Management 19:00h Berlin Time	Session 9: Challenges and Solutions for Early Recognition and Treatment of Sepsis 20:30h Berlin Time

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S1: Opening Session - The Renewed Global Agenda for Sepsis

Tuesday, April 23

9:00h Berlin Time
(click to see your local time zone)

Moderator and Opening Remarks
Louise Thwaites, Asia Pacific Sepsis Alliance, Vietnam

9:05h Berlin Time

Opening Remarks
Niranjan 'Tex' Kissoon, Global Sepsis Alliance, Canada

9:10h Berlin Time

Opening Remarks
Tedros Adhanmon Ghebreyesus, Director-General World Health Organization, Switzerland

9:15h Berlin Time

Opening Remarks
Ricardo Baptista Leite, UNITE Parliamentarians Network for Global Health, Portugal

9:20h Berlin Time

Reinvigorating Global Action on Sepsis
Konrad Reinhart, Sepsis Stiftung, Germany

09:35h Berlin Time

2030 Global Agenda for Sepsis | Framework
Mariam Jashi, Global Sepsis Alliance, Germany

09:50h Berlin Time

Video Messages from Partner Organizations

- David Ripin, Clinton Health Access Initiative (CHAI), United States of America
- Subasree Srinivasan, Global Antibiotic Research & Development Partnership (GARDP), Switzerland
- Eleanor Nwadinobi, Medical Women's International Association (MWIA), Nigeria

09:55h Berlin Time

Closing Remarks
Duncan Brown, Australia

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S2: The Need for Early Diagnosis and Treatment of Sepsis in Surgical Patients

Tuesday, April 23

10:00h Berlin Time
(click to see your local time zone)

Moderator:

Arthur Kwizera, Makerere University College of Health Sciences, Uganda

10:00h Berlin Time

Surgical Patients, Multi-Organ Failure, and the SOFA Score

David Harrison, Intensive Care National Audit & Research Centre, United Kingdom

10:15h Berlin Time

Where Are We with Electronic Sepsis Surveillance and Early Warning Tools?

Frédéric Michard, Michard Consulting, Switzerland

10:30h Berlin Time

Source Control - When and How?

Jan De Waele, Ghent University Hospital, Belgium

10:45h Berlin Time

Research Priorities for Sepsis and Septic Shock in Surgical Patients

Lena Napolitano, University of Michigan School of Medicine, United States of America

11:00h Berlin Time

The Importance of Early Clinical Suspicion in the Diagnosis of Sepsis

Halden Scott, University of Colorado School of Medicine, United States of America

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S3: Data, AI, and Predictive Modeling in Sepsis

Tuesday, April 23

11:30h Berlin Time
(click to see your local time zone)

Moderator:
Peiling Yap, HealthAI, Switzerland

11:30h Berlin Time

New Data Initiatives for Monitoring Sepsis Globally
Paul Turner, Madihol Oxford Tropical Medicine Research Unit, Cambodia

11:45h Berlin Time

Data Partnerships: Leveraging Insights from Emerging Infections to Fight Sepsis
Laura Merson, Infectious Disease Data Observatory, United Kingdom

12:00h Berlin Time

Can AI Models Really Improve Sepsis Outcomes?
Paul Elbers, Amsterdam UMC, The Netherlands

12:15h Berlin Time

Developing Equitable AI for Sepsis Prediction in Children
Maria del Pilar Arias, Dr. Ricardo Gutiérrez Children's Hospital, Argentina

12:30h Berlin Time

From the Research Lab to the Wards: Designing AI Systems for Patient Safety and Clinical Usability
Chris Paton, University of Otago, New Zealand

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S4: How Does Hypervolemia Increase the Mortality Risk in Sepsis?

Tuesday, April 23

13:00h Berlin Time
(click to see your local time zone)

Moderator:

Naomi Hammond, Asia Pacific Sepsis Alliance, Australia

13:00h Berlin Time

Desired and Undesired Effects of Fluids

Manu Malbrain, International Fluid Academy, Poland

13:15h Berlin Time

Diagnosis and Management of Hypervolemia in Sepsis

Sheila Myatra, Asia Pacific Sepsis Alliance, India

13:30h Berlin Time

Can Early Use of Vasopressors Avoid Hypervolemia?

Jean-Louis Teboul, University Paris-Saclay, France

13:45h Berlin Time

The Safety Limits to Stop Fluid Infusions

Ludhmila Hajjar, University of São Paulo, Brazil

14:00h Berlin Time

Fluid Removal: When and How?

Marlies Ostermann, Guy's and St Thomas' NHS Foundation Trust, United Kingdom

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S5: The Role of Biomarkers in the Early Detection of Sepsis

Tuesday, April 23

14:30h Berlin Time
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Moderator:

Sophie Yacoub, Oxford University Clinical Research Unit, Vietnam

14:30h Berlin Time

Biomarkers of Relevance in Low-Resource Settings

Andrew Argent, University of Capetown, South Africa

14:45h Berlin Time

A Patient is Admitted at the Emergency: What to Do?

Rita Murri, Gemelli University of Rome, Italy

15:00h Berlin Time

Clinical Phenotypes: What Do They Suggest?

Chris Seymour, University of Pittsburgh, United States of America

15:15h Berlin Time

Biomarkers as Endpoints for Treatment Efficacy

Evangelos J. Giamarellos-Bourboulis, European Sepsis Alliance, Greece

15:30h Berlin Time

Reducing Antibiotics With a Single Host Biomarker in Neonates Suspected of LOS: The EMERAUDE Study

Sylvie Pons, Joint Research Unit Hospices Civils de Lyon - bioMérieux, France

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S6: Detecting Sepsis in the Ventilated Patient

Tuesday, April 23

16:00h Berlin Time
(click to see your local time zone)

Moderator:

Antonio Artigas, Global Sepsis Alliance, Spain

16:00h Berlin Time

New Global Definition of Acute Respiratory Distress Syndrome (ARDS)

Michael Matthay, University of California San Francisco, United States of America

16:15h Berlin Time

Alveolar Inflammation in ARDS

Lieuwe Bos, Amsterdam UMC, The Netherlands

16:30h Berlin Time

Biomarkers in ARDS and Sepsis

Lorraine Ware, Vanderbilt University, United States of America

16:45h Berlin Time

Unraveling the Enigma of Genetics and Phenotypes in Sepsis and ARDS

Carmen Barbas, University of São Paulo, Brazil

17:00h Berlin Time

Diagnosis of Ventilator-Associated Pneumonia

Pedro Pova, University of Lisboa, Portugal

17:15h Berlin Time

Ventilator Support and Sepsis in Low-Middle Income Countries

Marcus Schultz, Mahidol University, Thailand

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S7: Closing the Needs in Pediatric Sepsis

Tuesday, April 23

17:30h Berlin Time
(click to see your local time zone)

Moderator:

Brenda Morrow, University of Cape Town, South Africa

17:30h Berlin Time

The Phoenix Criteria - How We Got Here

Luregn Schlapbach, University Children's Hospital Zurich, Switzerland

17:45h Berlin Time

The Phoenix Criteria Revealed

Daniela de Souza, Global Sepsis Alliance, Brazil

18:00h Berlin Time

Personalized Care Post-Discharge for Sepsis

Matthew Wiens, University of British Columbia, Canada

18:15h Berlin Time

The Latest Update on Fluid Therapy in Sepsis

Jhuma Sankar, All India Institute of Medical Sciences, India

18:30h Berlin Time

The Advances of the WHO in Pediatric Sepsis Initiatives

Emilie Calvellido-Hynes, World Health Organization, Switzerland

18:45h Berlin Time

Empiric Treatment of Neonatal Sepsis: Progress to Date

Sally Ellis, Global Antibiotic Research & Development Partnership, Switzerland

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S8: Personalized Approaches to Sepsis Management

Tuesday, April 23

19:00h Berlin Time
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Moderator:

Maha Aljuaid, Eastern Mediterranean Sepsis Alliance, Saudi Arabia

19:00h Berlin Time

TREM-1 Pathway

Bruno Francois, Dupuytren University Hospital, France

19:15h Berlin Time

ARDS: Room for Precision Treatment?

Carolyn Calfee, University of California, San Francisco Medical Center, United States of America

19:30h Berlin Time

Modulation of Complement

Alexander Vlaar, Amsterdam UMC, The Netherlands

19:45h Berlin Time

Macrolides for Community-Acquired Pneumonia

Michael Niederman, Weill Cornell Medicine, United States of America

20:00h Berlin Time

Reversal of Immunoparalysis

Sara Cajander, Örebro University, Hospital, Sweden

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S9: Challenges and Solutions for Early Recognition and Treatment of Sepsis

Tuesday, April 23

20:30h Berlin Time
(click to see your local time zone)

Moderator:

Eleanor Nwadinobi, Medical Women's International Association, Nigeria

20:30h Berlin Time

ARCS: Understanding Risk Factors for Delayed Presentation and Care of Sepsis Patients in DRC, Nigeria, and Sierra Leone

Patrick de Marie Katoto, Catholic University of Bukavu, Democratic Republic of Congo

20:45h Berlin Time

Sepsis Check - A Preclinical Checklist for Early Detection and Education

Wiltrud Abels, Charité - Universitätsmedizin Berlin, Germany

21:00h Berlin Time

Early Resuscitation of Septic Shock in the ED - Which Perfusion Parameters for Target Resuscitation?

Glenn Hernández Poblete, Pontifical Catholic University of Chile, Chile

21:15h Berlin Time

Sepsis in Brazilian Emergency Departments: A Prospective Multicenter Observational Study

Flavia Machado, Latin American Sepsis Institute, Brazil

21:30h Berlin Time

Smart Triage: Electronic Support for Early Recognition and Triage of Severely Ill Patients in Ugandan Emergency Departments

Mark Ansermino, BC Children's Hospital, Canada

21:45h Berlin Time

Closing Remarks

Michael Wong, Physician-Patient Alliance for Health & Safety, United States of America

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World Sepsis Congress Spotlight: Unmet Need in Sepsis Diagnosis and Therapy is a project by the PPAHS and the GSA, initiator of World Sepsis Day and World Sepsis Congress.

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