

2ND WORLD SEPSIS CONGRESS

A Free Online Congress by the Global Sepsis Alliance

To be held completely online on
September 5th and 6th, 2018

Information & Registration:
worldsepsiscongress.org

#wsc18

Program Chairs: Flavia Machado,
Simon Finfer, Konrad Reinhart



WELCOME TO THE 2ND WORLD SEPSIS CONGRESS



Global
Sepsis
Alliance

Since the 1st World Sepsis Congress in 2016, considerable progress has been made towards the Global Sepsis Alliance's goal of "A World Free of Sepsis".

Notably, on May 26th, 2017, the World Health Assembly, the World Health Organisation's decision-making body, adopted a resolution on improving the prevention, diagnosis, and management of sepsis. In January 2018, the World Health Organisation convened a meeting of an expert advisory group on sepsis to put in place a plan to act on the resolution. That meeting was attended by representatives from all WHO regions and made great strides in developing a plan to operationalize the resolution. The creation of the African Sepsis Alliance, the European Sepsis Alliance, and similar initiatives in other regions of the world indicate substantial progress, as does the Khartoum Resolution, which calls for a Pan-African strategy to tackle sepsis.

Another critical area now receiving much greater attention is the need to provide appropriate healthcare and support to sepsis survivors and to those bereaved by sepsis.

Despite these advances, there is still a great deal to be done to ensure uniform access to sepsis care around the world. Great inequalities still exist in healthcare resources and in the management of sepsis – particularly in low- and middle-income countries.

Low sepsis awareness, a lack of basic resources including trained healthcare workers, difficulties in access to care, and inadequate process of care are all hallmarks of resource-poor settings. Disparities are often influenced by healthcare funding models and – in some countries – access to care and its quality are based heavily on the ability of the patient or their family to pay. In such settings, decisions to withhold or withdraw expensive treatments and critical care may be driven by financial considerations.

Like the 1st World Sepsis Congress, the 2nd WSC brings together highly ranked representatives of international and national healthcare authorities, NGOs, policy makers, patients, patient advocacy groups, clinical scientists, researchers, and pioneers in healthcare improvement with the unified goal of improving sepsis healthcare around the world. As program chairs and on behalf of the Global Sepsis Alliance, we cordially invite you to join us for this free online congress and to join us in working towards "A World Free of Sepsis".

**Flavia Machado,
MD**

Latin American
Sepsis Institute

**Simon Finfer,
MBBS FRCP FRCA FCICM FAHMS MD**

The George Institute
for Global Health

**Konrad Reinhart,
MD ML**

Center for Sepsis
Control & Care

Wednesday, Sep 5 th	Opening Session: Sepsis - Still a Global Health Threat at 11:00h UTC	S2: Antimicrobial Therapy and Source Control I at 13:00h UTC	S3: The Different Faces and Challenges of Sepsis at 14:30h UTC	S4: Epidemiology of Sepsis at 16:00h UTC	S5: Improving Early Detection and Quality of Care at 17:30h UTC	S6: Importance of Pathogen Detection and Sepsis Markers at 19:15h UTC	S7: Antimicrobial Therapy and Source Control II at 20:45h UTC			
	Thursday, Sep 6 th	S8: Evidence Based Treatment of Sepsis I at 07:00h UTC	S9: Evidence Based Treatment of Sepsis II at 08:30h UTC	S10: Update on Adjunctive Sepsis Therapies at 10:00h UTC	S11: Prevention of Infection and Sepsis at 11:30h UTC	S12: Challenges of Sepsis Management in Children Around the Globe at 13:00h UTC	S13: Challenges of Maternal and Neonatal Sepsis at 14:30h UTC	S14: Sepsis Is a Devastating Disease: Listen to the Survivors and Those Bereaved at 16:00h UTC	S15: Improving Awareness: National and Global Strategies at 17:30h UTC	S16: Enhancing Recovery from Sepsis at 19:15h UTC

Opening Session: Sepsis – Still a Global Health Threat

Wednesday, Sep 5th
at 11:00h UTC
(click to see your local time zone)

Opening Remarks: Tedros Adhanom Ghebreyesus, Director-General WHO
Chair: Simon Finfer, Australia

11:00h UTC The Approach of G7 / G20 Member States to Improve Global Health
Helge Braun, Chancellery Minister, Germany

11:15h UTC Role and Perspective of the European Union
Vytenis Andriukaitis, EU Commissioner for Health and Food Safety, Belgium

11:30h UTC Sepsis and the UN Sustainable Development Goals
Naoko Yamamoto, Assistant Director-General WHO, Switzerland

11:45h UTC Sepsis and AMR – Need for a Joint Global Strategy
Jeremy Farrar, Wellcome Trust, UK

12:00h UTC Challenges and Opportunities to Fight Sepsis in Africa
Mamoun Homeida, Minister of Health Khartoum, Sudan

12:15h UTC The New York State Approach to Fight Sepsis
Marcus Friedrich, Department of Health, New York State, US

12:30h UTC Why We Need a Global Action Plan Against Sepsis
Konrad Reinhart, Global Sepsis Alliance, Germany

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S2: Antimicrobial Therapy and Source Control I

Wednesday, Sep 5th
at 13:00h UTC
(click to see your local time zone)

Chair: Alison Fox-Robichaud, Canada

13:00h UTC	How to Improve Outcome in Staphylococcal Sepsis Mathias Pletz, Germany
13:15h UTC	Do Inhaled Antimicrobials Play a Role? Jean Chastre, France
13:30h UTC	Novel Antibiotics to Overcome Resistance Tobias Welte, Germany
13:45h UTC	Finding the Source of Sepsis Charles Gommersal, Hong Kong
14:00h UTC	Surgical Source Control John Marshall, Canada
14:15h UTC	Choosing the Right Antimicrobials in Resource-Limited Settings Arjen Dondorp, Thailand

S3: The Different Faces and Challenges of Sepsis

Wednesday, Sep 5th
at 14:30h UTC
(click to see your local time zone)

Chair: Nathan Nielsen, US

14:30h UTC	Sepsis and Recovery in the Elderly Hannah Wunsch, US
14:45h UTC	Sepsis in Meningitis Diederik van de Beek, The Netherlands
15:00h UTC	Viral Sepsis in Tropical Diseases Ebola Shevin Jacob, Uganda
15:15h UTC	Sepsis in Seasonal, Avian, and Swine Flu Robert Fowler, Canada
15:30h UTC	Sepsis in Malaria and Dengue Fever Pravin Amin, India
15:45h UTC	Sepsis in Cancer Patients Imrana Malik, US

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S4: Epidemiology of Sepsis

Wednesday, Sep 5th
at 16:00h UTC
(click to see your local time zone)

Chair: Jeremy Kahn, US

16:00h UTC	National Estimates for China Bin Du, China
16:15h UTC	Global and National Estimates Using ICD Data Carolin Fleischmann-Struzek, Germany
16:30h UTC	Mapping Disease in Resource-Limited Settings Rashan Haniffa, UK
16:45h UTC	National Estimates using Electronic Health Records Chanu Rhee, US
17:00h UTC	National Estimates for Sweden Based on Chart Review Adam Linder, Sweden
17:15h UTC	Challenges to Assess the Global Burden of Sepsis Kristina Rudd, US

S5: Improving Early Detection and Quality of Care

Wednesday, Sep 5th
at 17:30h UTC
(click to see your local time zone)

Chair: Vida Hamilton, Ireland

17:30h UTC	Inequalities in Sepsis Treatment Around the World Flavia Machado, Brazil
17:45h UTC	Every Hour Counts – Lessons from New York State Christopher Seymour, US
18:00h UTC	The Key Role of Emergency Medicine Luis Garcia-Castrillo Riesgo, Spain
18:15h UTC	Nurses Hold the Key to Quality Sepsis Care Ruth Kleinpell, US
18:30h UTC	Limitations of qSOFA for Early Detection Flavia Machado, Brazil
18:45h UTC	Automated Sepsis Alerts and Rapid Response Teams Edgar Jimenez, US
19:00h UTC	Lactate for Detection and Management of Sepsis Charles Sprung, Israel

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S6: Importance of Pathogen Detection and Sepsis Markers

Wednesday, Sep 5th
at 19:15h UTC
(click to see your local time zone)

Chair: Steven Opal, US

19:15h UTC	How to Improve Yield and Time to Results of Blood Cultures Peter Keller, Switzerland
19:30h UTC	Understanding Abnormal Coagulation Tests in Sepsis Beverly Hunt, UK
19:45h UTC	Novel Approaches to Faster Detection of Antibiotic Resistance Marin Kollef, US
20:00h UTC	Procalcitonin for Infection Management in the ICU Evelien de Jong, The Netherlands
20:15h UTC	Transcriptional Diagnostics in Sepsis Tom van der Poll, The Netherlands
20:30h UTC	Precision Medicine Will Change Sepsis Management Michael Bauer, Germany

S7: Antimicrobial Therapy and Source Control II

Wednesday, Sep 5th
at 20:45h UTC
(click to see your local time zone)

Chair: Satish Bhagwanjee, US

20:45h UTC	Role of Procalcitonin for Antibiotic Stewardship Beat Müller, Switzerland
21:00h UTC	Indication and Choice of Antifungals Thierry Calandra, Switzerland
21:15h UTC	Challenges to Implementation of Antibiotic Stewardship Alison Holmes, UK
21:30h UTC	Tackling Antimicrobial Resistance in Enterobacteriaceae Ana Gales, Brazil
21:45h UTC	Empirical Antimicrobial Therapy in Times of AMR David Paterson, Australia
22:00h UTC	Beta Lactams – Better by Continuous Infusion? Jeffrey Lipman, Australia

Overnight Break – Wednesday to Thursday

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S8: Evidence Based Treatment of Sepsis I

Thursday, Sep 6th
at 07:00h UTC
(click to see your local time zone)

Chair: Marc Ziegenfuss, Australia

07:00h UTC	Choosing the Right Vasopressor Daniel de Backer, Belgium
07:15h UTC	Noninvasive Mechanical Ventilation: When and How Massimo Antonelli, Italy
07:30h UTC	Prevention and Therapy of Renal Failure Marlies Ostermann, UK
07:45h UTC	Early Goal Directed Therapy in 2018 – What Remains Kathy Rowan, UK
08:00h UTC	Can the SSC Guidelines Stay Up-To-Date and Relevant? Jean-Louis Teboul, France
08:15h UTC	The Challenges to Adapt the SSC Guidelines for Resource-Poor Settings Madiha Hashmi, Pakistan

S9: Evidence Based Treatment of Sepsis II

Thursday, Sep 6th
at 08:30h UTC
(click to see your local time zone)

Chair: Markus Weigand, Germany

08:30h UTC	Fluids – Less May Be More Peter Hjortrup, Denmark
08:45h UTC	The Type of Fluid Matters Naomi Hammond, Australia
09:00h UTC	Human Albumin in Sepsis Yasser Sakr, Germany
09:15h UTC	Current Evidence for Cytokine and Endotoxin Removal Didier Payen, France
09:30h UTC	Vitamin C and Antioxidants John Myburgh, Australia
09:45h UTC	“Primum Non Nocere” (First, Do No Harm) in Sepsis Anders Perner, Denmark

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S10: Update on Adjunctive Sepsis Therapies

Thursday, Sep 6th
at 10:00h UTC
(click to see your local time zone)

Chair: Jean-Marc Cavaillon, France

10:00h UTC Recombinant Human Soluble Thrombomodulin
 Jean-Louis Vincent, Belgium

10:15h UTC Alkaline Phosphatase
 Peter Pickkers, The Netherlands

10:30h UTC Adrenomedullin
 Pierre-Francois Laterre, Belgium

10:45h UTC Anti C5a
 Niels Riedemann, Germany

11:00h UTC Immunotherapy of Sepsis
 Richard Hotchkiss, US

11:15h UTC Angiotensin II
 Ashish Khanna, US

S11: Prevention of Infection and Sepsis

Thursday, Sep 6th
at 11:30h UTC
(click to see your local time zone)

Chair: Janet Diaz, World Health Organization

11:30h UTC Vaccination as a Strategy to Prevent Invasive Bacterial Infections and Sepsis
 Tamara Pilisvhili, Centers for Disease Control and Prevention, US

11:45h UTC Why Symbiotics Prevent Sepsis in Neonates
 Pinaki Panigrahi, US

12:00h UTC Probiotics in the Critically Ill - Why and How?
 Deborah Cook, Canada

12:15h UTC Nutrition in the Critically Ill – Is Less More?
 Greet Van den Berghe, Belgium

12:30h UTC How to Prevent Hospital Acquired Infections
 Petra Gastmeier, Germany

12:45h UTC Challenges to Prevent HAIs in Resource Poor Settings
 Benedetta Allegranzi, World Health Organization, Switzerland

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S12: Challenges of Sepsis Management in Children Around the Globe

Thursday, Sep 6th
at 13:00h UTC
(click to see your local time zone)

Chair: Satoshi Nakagawa, Japan

13:00h UTC	We Need a New Definition for Sepsis in Children Luregn Schlapbach, Australia
13:15h UTC	Improving Sepsis Care for Children in China Robert Lu, China
13:30h UTC	Smart Discharges for Sepsis – Preventing Child Deaths After Discharge Matthew Wiens, Uganda
13:45h UTC	Sepsis from Pneumonia and Diarrhoeal Diseases Mohammad Chisti, Bangladesh
14:00h UTC	Sepsis Care in District Hospital: Best Bang for Your Buck Elizabeth Molyneux, Malawi
14:15h UTC	Sepsis: The Leading Cause of Death in Children Worldwide Niranjan 'Tex' Kissoon, Canada

S13: Challenges of Maternal and Neonatal Sepsis

Thursday, Sep 6th
at 14:30h UTC
(click to see your local time zone)

Chair: Andrew Argent, South Africa

14:30h UTC	The Global Burden of Maternal and Neonatal Sepsis Mercedes Bonet, World Health Organization, Switzerland
14:45h UTC	Prevention of Neonatal Sepsis Zulfiqar Bhutta, Canada
15:00h UTC	Sepsis in Children in Latin America Daniela de Souza, Brazil
15:15h UTC	Sepsis in Pandemics and Epidemics Adrienne Randolph, US
15:30h UTC	Management of Maternal Sepsis in LMIC Jeffrey Smith, Jhpiego, US
15:45h UTC	Fluid Therapy in Children in Resource-Poor Settings Kathryn Maitland, Kenya

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S14: Sepsis Is a Devastating Disease: Listen to the Survivors and Those Bereaved

**Thursday, Sep 6th
at 16:00h UTC**
(click to see your local time zone)

Chair: Ray Schachter, Canada

16:00h UTC

Roundtable Discussion by People Affected by Sepsis and Family Members

Participants:

- Fiona Gray, Australia
- Julie-Anne Mealy, Ireland
- Tanja Gethoeffter, Germany
- Carl Flatley, US
- Elkhatim Elyas Mohamed, Sudan
- Idelette Nutma-Bade, The Netherlands
- Cheryl Misak, Canada

S15: Improving Awareness: National and Global Strategies

**Thursday, Sep 6th
at 17:30h UTC**
(click to see your local time zone)

Chair: Janice Zimmerman, US

17:30h UTC

Keynote: WHO Hand Hygiene Campaign – Why It Is So Successful
Didier Pittet, World Health Organization, Switzerland

17:45h UTC

Improving Sepsis Education in Turkey
Necmettin Unal, Turkey

18:00h UTC

The CDC's Sepsis Activities
Denise Cardo, Centers for Disease Control and Prevention, US

18:15h UTC

Success Factors to Achieve Mandatory Sepsis Protocols
Ciaran Staunton, Rory Staunton Foundation, US

18:30h UTC

Raising Awareness – Success in the UK
Ron Daniels, UK Sepsis Trust, UK

18:45h UTC

Strategy and Achievements in Brazil
Luciano Azevedo, Latin American Sepsis Institute, Brazil

19:00h UTC

Challenges to Increase Sepsis Awareness in Africa
Emmanuel Nsutebu, African Sepsis Alliance, UK

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S16: Enhancing Recovery from Sepsis

Thursday, Sep 6th
at 19:15h UTC
(click to see your local time zone)

Chair: Ulf Bodechtel, Germany

19:15h UTC

The Patient Perspective
Dennis Kredler, Belgium

19:30h UTC

Functional Disability after Sepsis
Theodore 'Jack' Iwashyna, US

19:45h UTC

Lessons from Studying Long-Term Outcomes of ARDS
Margaret Herridge, Canada

20:00h UTC

Role of Post ICU Clinics
James Jackson, US

20:15h UTC

Prevention of Post-Sepsis Consequences
Wesley Ely, US

20:30h UTC

Strategies for Enhancing Recovery – What Works?
Hallie Prescott, US

S17: The Most Important Sepsis Research in 2017/2018

Thursday, Sep 6th
at 20:45h UTC
(click to see your local time zone)

Chair: Phillip Dellinger, US

20:45h UTC

Transfusion and Treatment of Severe Anemia in African Children
Kathryn Maitland, Kenya

21:00h UTC

Alveolar Recruitment for ARDS: The ART Trial
Alexandre Cavalcanti, Brazil

21:15h UTC

Procalcitonin Antibiotic Consensus Trial (ProACT)
David Huang, US

21:30h UTC

REMAP CAP – A Platform Trial That Studies Multiple Interventions
Derek Angus, US

21:45h UTC

Adjunctive Corticosteroids – The ADRENAL Trial
Balasubramanian Venkatesh, Australia

22:00h UTC

Making Sense of the Steroid Trials
Simon Finfer, Australia

22:15h UTC

The Need for Clinical Sepsis Research in LMICs
Jason Phua, Singapore

Closing Remarks: Konrad Reinhart

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The 2nd World Sepsis Congress is brought to you by the Global Sepsis Alliance, initiator of World Sepsis Day on September 13th every year.

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