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Xth World Academic Congress of Emergency Medicine

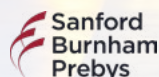
WACEM 2024 ITALY

Landmarks in Emergency Medicine focusing on Geriatrics, Longevity, Living and Healthy Aging

6th to 8th November 2024
Complesso del Seraphicum
Rome, Italy

PROGRAMME

UNDER THE PATRONAGE OF



www.wacem.org

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WELCOME IN ROME

Dear Colleagues

It is with great excitement that we welcome you to the **Xth World Academic Congress of Emergency Medicine (WACEM 24)**, together with **GREAT Network Italy**, in the City of Rome, Italy. Hosted and organized by **GREAT Health Science** and supported by various Institutions and Organizations across the world, WACEM24 guarantees an academic feast second to none.

WACEM2024 represents a global partnership focused on advancing patient-centred medical education, research and care across the world.

The main objective of The World Academic Congress of Emergency Medicine 2024 is to advance emergency medicine, acute care, critical interventions and preventive medicine skills by supporting EM pioneers and leaders around the globe, by endorsing proper standards, providing training and education, as well as promoting proper access and services for all our emergency patients anywhere in the world.

The Theme for WACEM24 is based on 5 innovative pillars 1) Longevity/Geriatric Emergency Medicine 2) Biomarkers 3) Telemedicine, Artificial Intelligence Technology 4) Patient-centred Healthcare system and 5) Transformational Innovative Models In Education & Research.

The partnership of WACEM with GREAT Italy Network and Great Health Science aims to standardize the clinical and organizational system approach in acute disease management all over the world and to encourage young physicians to do research on acute conditions through the concept of "Translational Medicine" and the conduction of multi-centre clinical trials. Thanks to this strong research activity, since its inception a significant number of scientific articles by WACEM leaders have been published in very important international journals. Our joint effort will add innovation and special flavour to WACEM24 and will provide exceptional momentum and value to our speakers and participants also providing the opportunity to publish their selected contributions to the congress in international journals.

We have received more than 250 abstracts, either for Oral or Poster presentations, from all over the world. On my personal opinion, this represents already a great achievement. The abstract contents has also been published as Proceedings special issue of Eurasian Journal of Emergency Medicine.

It is a pleasure for me, as President of WACEM 2024 and Great Health Science organization, to welcome in Rome professionals from all over the world, representing 33 Countries!

Prof. Salvatore Di Somma

NOVEMBER 6, WEDNESDAY

– AUDITORIUM –

GERIATRIC EMERGENCY MEDICINE – LONGEVITY & HEALTHY AGING

8:30–9:00 Welcome Coffee

MORNING SESSION

GERIATRIC EMERGENCY MEDICINE

CHAIRS: **Sagar GALWANKAR** (USA) • **Maria Pia RUGGIERI** (Italy)

9:00–9:15 John MA (USA)

Geriatric Trauma

9:15–9:30 Francesco FRANCESCHI (Italy)

Acute Pain Treatment in the Older Patients

9:30–9:45 Mustafa KEŞAPLI (Turkey)

Training interprofessional teams in geriatric emergency medicine: a modified team-based learning approach

9:45–10:00 Varsha REDDY JAYAR (UK)

Unseen picture behind the curtain (Older adults in Emergency, early detection & Management with preventive Strategies)

10:00–10:15 Fatimah LATEEF (Singapore)

Which time zone are you from? Do they care about your age?

10:15–10:30 Ayman EL-MENYAR (Qatar)

Gender and Double-Edged Sword Effect of Beta-adrenergic Blockers (BBs) in Thyroid Storm

10:30–10:45 DISCUSSION

10:45–11:00 COFFEE BREAK

11:00–12:30 POSTER DISCUSSION in the Poster Area and posters evaluation by public discussion

12:30–13:30 LUNCH

AFTERNOON SESSION

GERIATRIC EMERGENCY MEDICINE

CHAIRS: **Francesco FRANCESCHI** (ITALY) • **Vaishal TOLIA** (USA)

13:30–13:45 Lisa MORENO-WALTON (USA)

COVID-19: The First Five Hundred Cases: An Epidemiological Analysis of Demographics, Co-morbidities and Outcomes which Guided Patient Care at an Urban Safety Net Hospital

13:45–14:00 David CARR (Canada)

EM tricks of the trade

14:00–14:15 Mohamed HANEEF M. (India)

Prevalence and Patterns of Geriatric emergencies in a Tertiary Care Hospital in India: a Comparative Analysis

14:15–14:30 Rahul BALASUBRAMANIAN (India)

Substance use disorder among patients admitted to Emergency department of a Tertiary care hospital in Kerala: a cross sectional study

14:30–14:45 Nicola FERRARA (Italy)

Aging: Demographic and Epidemiological Aspects

14:45–15:00 Alessandro SANDUZZI (Italy)

Should I treat differently Pneumonia in older patients?

15:00–15:15 Sema AYTEN (Turkey)

Evaluation of the nutrition of patients diagnosed with DM and CKD who applied to the hospital from the emergency department

15:15–15:30 Eran TAL-OR (Israel)

Emergency departments under chaos of war

15:30–15:45 DISCUSSION

15:45–16:00 COFFEE BREAK – VISIT POSTER AREA

16:00–16:30 CHAIR: Emanuela PEILA (Italy)

Keynote Lecture: Daniele GIUDICI (UK)

The clinical pharmacist, the acute clinical pharmacist, the critical care pharmacist and the multidisciplinary team in the emergency department

16:30–17:45 ORAL ABSTRACT PRESENTATIONS PROGRAMME FROM PAGE 19

CHAIRS: Salvatore DI SOMMA (Italy) • **David BRENNER** (USA)

AFTERNOON SESSION

LONGEVITY AND HEALTHY AGING

CHAIRS: David BRENNER (USA) • **Giovanni SCAPAGNINI** (Italy)

17:45–18:00 Eugenio Luigi IORIO (Italy)

The role of redox system in successful aging

18:00–18:15 Boo JOHANSSON (Sweden)

What matters for longevity? Findings and reflections

18:15–18:30 Kriengsak CHAREONWONGSAK – Kalyarat SUKRUANG (Thailand)

Behavioral factors associated with longevity, healthiness, and happiness in Hua Sai district, Thailand

18:30–19:00 CHAIR: Salvatore DI SOMMA (Italy)

Keynote Lecture: Tatiana KISSELEVA (USA)

State of the art: Genetics and Epigenetic of Longevity

19:00–19:30 CONGRESS INAUGURATION – the agenda is provided apart

19:30–20:30 WELCOME COCKTAIL IN THE CONFERENCE VENUE

NOVEMBER 6, WEDNESDAY

– MEETING ROOM 1 –
EDUCATION IN EMERGENCY MEDICINE

MORNING SESSION

CHAIRS: **Giovanni RICEVUTI** (Italy) • **Frank MASSARO** (USA)

8:30–9:00 Welcome Coffee

9:00–9:15 Cristiana BRUNO (Italy)

The path in residency for achieving clinical pharmacy service excellence in Italy

9:15–9:30 Frank MASSARO (USA)

Improving your practice as a clinical pharmacist in Emergency Medicine and become effective member of a multi-professional team in an emergency medicine department

9:30–10:00 Silvia SCALPELLO (Italy)

The clinical pharmacists as Transitional Care Manager and the enrolment of elders in the Emergency departments

10:00–10:15 Maria Laura AMADIO (Italy)

Interactive educational strategies to train for pharmacy practice

10:15–10:30 Chiara ELLI (Italy)

INTERCheck, a tool for therapy revision and deprescribing

10:30–10:45 DISCUSSION

10:45–11:00 COFFEE BREAK

11:00–12:30 POSTER DISCUSSION in the Poster Area

12:30–13:30 LUNCH



AFTERNOON SESSION

CHAIRS: **Lorenzo PALADINO** (USA) • **Alwi RAHMAN** (Malaysia)

13:30–13:45 Emanuela PEILA (Italy)

What a clinical pharmacist in ICU should do

13:45–14:00 Daniele GIUDICI (UK)

Hydration and feeding in the Emergency Care: the role and function of the pharmacist

14:00–14:15 Melinda PRESLAND (UK)

The role of palliative care pharmacist in the ED

14:15–14:30 Laura Elena PACIFICI NOJA (Italy)

Global Emergency Medicine

14:30–14:45 Santi DI PIETRO (Italy)

Pericapsular Nerve Group (PENG) block versus Fascia Iliaca block for Hip Fracture Analgesia at Emergency Departments. A Randomised-controlled Trial

14:45–15:00 Lorenzo GHIADONI (Italy)

Tips and tricks of hypertensive emergency

15:00–15:15 Daniele PASTORI (Italy)

Echocardiography in Emergency

15:15–15:30 Bahadır TAŞLIDERE (Turkey)

Ultrasonographic evaluation of the response to diuretic treatment of patients with Pulmonary edema in ED

15:30–15:45 DISCUSSION

15:45–16:00 COFFEE BREAK – VISIT POSTER AREA

16:00–16:30 KEY NOTE LECTURE in the Auditorium

16:30–16:45 Hassan AL-THANI (Qatar)

Presentations and management of leg venous ulcer in older patients: Qatar experience

16:45–17:00 Serhat ÖRÜN (Turkey)

Delayed injuries in the emergency department in hospitalised trauma patients

17:00–17:15 Lorenzo PALADINO (USA)

Nanotechnology in bleeding and wound care. From military to civilian application

17:15–17:30 Fatma ÇAKMAK (Turkey)

Investigation of lactate, base deficit and alactic base deficit in patients with upper gastrointestinal bleeding

17:30–18:00 Frank MASSARO (USA) **INTERACTIVE SESSION**

Improving your Practice as a Clinical Pharmacist in Emergency Medicine

18:00–18:30 Mauro GIORDANO (Italy) **INTERACTIVE SESSION**

ECG, electrolytes and acid–base alterations

18:30–19:00 KEYNOTE LECTURE in the AUDITORIUM

19:00–19:30 CONGRESS INAUGURATION

19:30–20:30 WELCOME COCKTAIL IN THE CONFERENCE VENUE

NOVEMBER 6, WEDNESDAY

– MEETING ROOM 2 –

ULTRASOUND IN EMERGENCY MEDICINE WORKSHOP

Sanjeev BHOI (India)

Facilitators: *Sanjeev BHOI (India), Manu AAYAN (India),
Vijay CHANCHAL (India), Vineeth CHANDRAN (India),
Rebecca JEANMONOD (USA), Donal JEANMONOD (USA)*

9:00–12:15 • 13:30–15:40

9:00–9:10 PRECOURSE EVALUATION & INTRODUCTION OF PARTICIPANTS AND COURSE FACULTY

INTRO

9:10–9:30 ABCDE BY ULTRASOUND: EMPOWERING EMERGENCY CARE

9:30–9:55 BASICS OF ULTRASOUND: Knobology

AIRWAY

9:55–10:15

Airway ultrasound anatomy

Tracheal injuries, Threatened airway

Airway confirmation, Guided ET-Intubation

Procedures– Needle cricothyroidotomy, Tracheostomy

BREATHING

10:15–10:45

Breathing Assessment:

Pneumothorax, Pleural effusion, Pulmonary edema, Pneumonia

10:45–11:15 US HANDS-ON & SIMULATION: KNOBOLOGY, AIRWAY, BREATHING

CIRCULATION

11:15–11:45 RUSH PROTOCOL The Pump – Point of care ECHO& IVC

11:45–12:15 RUSH PROTOCOL The Tank – E-FAST

12:15–13:30 LUNCH

13:30–13:55 US HANDS-ON & SIMULATION: FAST, POC ECHO & IVC

13:55–14:25 CIRCULATION: RUSH Protocol

Pipes-AAA, DVT SCAN

14:25–14:40 Gall Bladder & Kidneys: Point of care sonography

14:40–15:00 US HANDS-ON & SIMULATION: AORTA & DVT SCAN, GB and Kidney

15:00–15:25 DISABILITY ASSESSMENT: Pupillary assessment, Non-Invasive ICP (ONSD)

15:25–15:40 Master-class SONO ALGORITHMS, USG guided CPR

15:40–15:45 Course feedback, Certification & Closure

16:30–17:45 ORAL ABSTRACT PRESENTATIONS *PROGRAMME FROM PAGE 19*
CHAIRS: Giulio Maria RICCIUTO (Italy) • Fatimah LATEEF (Singapore)

– MEETING ROOM 3 –

16:30–17:45 ORAL ABSTRACT PRESENTATIONS *PROGRAMME FROM PAGE 20*
CHAIRS: Prabath NANAYAKKARA (Netherlands) • Swee Han LIM (Singapore)

– MEETING ROOM 4 –

16:30–17:45 ORAL ABSTRACT PRESENTATIONS *PROGRAMME FROM PAGE 20*
CHAIRS: Ayman EL-MENYAR (Qatar) • Alwi RAHMAN (Malaysia)



NOVEMBER 7, THURSDAY

– AUDITORIUM – DIAGNOSIS, TREATMENT & BIOMARKERS

MORNING SESSION

CHAIR: **Salvatore DI SOMMA** (Italy) • **Mina HUR** (South Korea)

9:00–9:15 Swee Han LIM (Singapore)

How to clinch the Acute Coronary Syndrome diagnosis with ECGs – an update

9:15–9:30 Mauro GIORDANO (Italy)

AKI and markers of renal function in the emergency setting

9:30–9:45 Margaret Mary LINU SEKHAR (India)

Low risk ACS risk stratification in the emergency room – can we do away with Troponins?

9:45–10:00 Ettore CAPOLUONGO (Italy)

Brain injury biomarkers: what's new?

10:00–10:15 Başar CANDER (Turkey)

Investigation of the importance of HU value in risk classification in patients diagnosed with pulmonary embolism

10:15–10:30 Enrico MIRANTE (Italy)

Heparyn induced thrombocytopenia: what's about?

10:30–10:45 Dave GAIESKI (USA)

The clinical implications of sepsis physiology in 2024

10:45–11:00 DISCUSSION

11:00–11:15 COFFEE BREAK – VISIT POSTER AREA

11:15–11:45 CHAIR: Salvatore DI SOMMA (Italy)

Keynote Lecture: Mina HUR (South Korea)

Update on sepsis biomarkers: is there value in the emergency room?

11:45–12:15 CHAIR: James VAN OPPEN (UK)

Keynote Lecture: Shan LIU (USA)

The geriatric emergency medicine and the geriatric emergency departments guidelines

12:15–13:45 LUNCH SESSION

Lunch Symposium with the unconditional support of BioPorto Diagnostics

NGAL as AKI biomarker for fast and accurate decision making in ED in detecting Kidney damage

CHAIR: Francesco BONDANINI (Italy)

Salvatore DI SOMMA (Italy) | *NGAL as AKI biomarker for fast and accurate decision making for patients with acute diseases in ED*

Mina HUR (South Korea) | *Utility of NAGAL in patients with sepsis*

Christian ALBERT (Germany) | *Clinical Implications of NGAL Guided Risk Assessment*

AFTERNOON SESSION

CHAIRS: **Pasquale PIGNATELLI** (Italy) • **Lorenzo GHIADONI** (Italy)

13:45–14:00 Khikmat ANVAROV (Uzbekistan)

Post-hypoxic complications of acute carbon monoxide poisoning during the period of reoxygenation: is there a reperfusion syndrome in target organs?

14:00–14:15 Cecilia BECATTINI (Italy)

Management of pulmonary embolism in the emergency department

14:15–14:30 Ayşe Buşra YILDIRIM (Turkey)

The effect of the use of new generation oral anticoagulant on in-hospital adverse events in patients with gastrointestinal bleeding

14:30–14:45 Ahmet ÇAĞLAR (Turkey)

High or mid-flow oxygen therapy for primary headache disorders: a randomized controlled study

14:45–15:00 Mark I. LANGDORF (USA)

ECG Diagnosis of Myocardial Ischemia in the Presence of Bundle Branch Blocks and Pacemakers

15:00–15:15 Francesco BONDANINI (Italy)

Auto detect acute haematological diseases in ER: the role of Laboratory Medicine

15:15–15:30 Francesca DE MARCO (Italy)

Patient with acquired PTT

15:30–15:45 DISCUSSION

15:45–16:15 CHAIR: Swee HAN LIM (Singapore)

Keynote Lecture: Salvatore DI SOMMA (Italy)

Prognostic Biomarkers for Acute cardiovascular disease management

16:15–16:45 CHAIR: Giovanni RICEVUTI (Italy)

Keynote Lecture: Shan LIU (USA) • **Daniele GIUDICI** (UK)

Geriatric Emergency Medicine: specialized population characteristics, needs, and management by a MDT/MPT doctor and pharmacist

16:45–17:00 COFFEE BREAK – VISIT POSTER AEREA

17:00–18:30 ORAL ABSTRACT PRESENTATIONS PROGRAMME FROM PAGE 21

CHAIRS: **Maria Pia RUGGIERI** (Italy) • **Başar CANDER** (Turkey)

NOVEMBER 7, THURSDAY

– MEETING ROOM 1 – EDUCATION IN EMERGENCY MEDICINE

MORNING SESSION

CHAIRS: **James VAN OPPEN** (UK) • **Giovanni RICEVUTI** (Italy)

9:00–9:15 James VAN OPPEN (UK)

Person-centred geriatric emergency medicine

9:15–9:30 Renzo ROZZINI (Italy)

The Geriatric Canon in the ED

9:30–9:45 Gabriele SAVIOLI (Italy)

Geriatric Population Triage: The CREONTE STUDY

9:45–10:00 Luca LAGHI (UK)

Typical is Atypical: it's never as simple as it seems

10:00–10:15 Pieter HEEREN (Belgium)

Role and scope of advanced practice nursing in geriatric emergency care

10:15–10:30 Lorenz VAN DER LINDEN (Belgium)

Deprescribing and reconciliation in the ED

10:30–10:45 Franco LAI (Italy)

Shock in the older patients in the ED: tips and trick

10:45–11:00 DISCUSSION

11:00–11:15 COFFEE BREAK – VISIT POSTER AREA

11:15–11:45 KEY NOTE LECTURE in the Auditorium

11:45–12:15 KEY NOTE LECTURE in the Auditorium

12:15–13:45 LUNCH SESSION

12:30–13:00 Lunch Lecture with the unconditional support of Abbott

CHAIR: **Maria Pia RUGGIERI** (Italy) • **Gabriele VALLI** (Italy)

Biomarkers use in the traumatic brain injury: decision making in Emergency Setting

AFTERNOON SESSION

CHAIRS: **Stefano PERLINI** (Italy) • **Clara BALSANO** (Italy)

13:45–14:00 Marcello COVINO (Italy)

Frailty Assessment in the Emergency Department for Risk Stratification of COVID-19 Patients Aged ≥80 Years

14:00–14:15 Sara KAZIM (UAE)

Breaking Bad News in the ED

14:15–14:30 Luca LAGHI (UK)

Management of Delirium and Cognitive Impairment in an English ED: a multidisciplinary team approach

14:30–14:45 Sara KAZIM (UAE)

MDT Role in Toxicology and Enhancing Patient Journey in the ED

14:45–15:00 Rebecca JEANMONOD (USA)

Gender bias in Emergency Medicine

15:00–15:15 Demet ACAR (Turkey)

Factors influencing and enhancing the ability of emergency physicians to empathize with patients and their relatives; a Survey Study

15:15–15:30 Yasin YILDIZ (Turkey)

Opinions of Emergency Medicine Physicians on the Subspecialty of Emergency Medicine Critical Care – A pilot survey study

15:30–15:45 DISCUSSION

15:45–16:15 KEY NOTE LECTURE in the Auditorium

16:15–16:45 KEY NOTE LECTURE in the Auditorium

16:45–17:00 COFFEE BREAK – VISIT POSTER AREA

17:00–17:45 Gianni BIOLO (Italy) *INTERACTIVE SESSION*

How to stop missing sepsis diagnosis in the emergency Department:

17:45–18:30 Lorenz VAN DER LINDEN (Belgium) *INTERACTIVE SESSION*

Deprescribing and reconciliation in the ED:



NOVEMBER 7, THURSDAY

– MEETING ROOM 2 –

DISASTER Preparedness & Research Workshop

in collaboration with NYIAHP-EMEDEx

Organised by Pia DANIEL (USA)

**Alwi Abdul Rahman (Malaysia), Donald Doukas, Mark Silverberg,
Jonathan McMahon, Ritin Mohindra**

9:00–12:15 • 13:30–15:40

COURSE OVERVIEW

This workshop will focus on the key research aspects needed to assess systems' Emergency Preparedness and Response' for an all-hazard approach to Emergency Health Care of Chemical, Biological Radiologic/Nuclear and Blast (CBRNE) events. There will be a focus on assessing data collection prior to and during disaster response to provide real-time guidance on the response and to inform future responses. This workshop will feature lectures with small group discussions and a hands-on guide to designing disaster drills with a focus on incorporating useful, publishable data.

TARGET AUDIENCE

Healthcare sectors involved in assessing and planning Emergency Preparedness
Healthcare sectors involved in designing disaster response drills and protocols
Front line medical providers (MDs, RNs, EMS)
Hospital Administrators
Public Health and Government Agencies.

WORKSHOP AGENDA

1. *Introduction to Chemical, Biologic, Radiologic, Nuclear, Explosive (CBRNE) Response:*
 - a. *Basic Principles of CBRNE Disaster Response & Challenges of Disaster Data*
2. *Incident Command System Lecture & Tabletop*
 - a. *Useful Data Collection Part I: Data Collection/Research as part of Emergency Preparedness Planning*
3. *Chemical Disaster Response Lecture & Tabletop:*
 - a. *Useful Data Collection Part II: Data Collection during a disaster response to aid in real time decisions*
4. *Biologic Disaster Response Lecture & Tabletop:*
 - a. *Useful Data Collection Part III: Data Collection as part of aid in future responses*
5. *Radiologic Disaster Response Lecture & Tabletop:*
 - a. *Useful Data Collection Part III: Data Collection as part of Measuring Emergency Preparedness*
6. *Tabletop and Disaster Drill Design:*
 - a. *Overview of designing tabletops and disaster drills with data collection and publishable research build into the drill designs*
 - b. *Participants will design a disaster tabletop with a data collection plan that they can take to their respective organization*

17:00-18:30 ORAL ABSTRACT PRESENTATIONS *PROGRAMME FROM PAGE 21*

CHAIRS: Cecilia BECATTINI (Italy) • Khikmat ANVAROV (Uzbekistan)

– MEETING ROOM 3 –

17:00-18:30 ORAL ABSTRACT PRESENTATIONS *PROGRAMME FROM PAGE 22*

CHAIRS: **Marcello COVINO** (Italy) • **Gabriele SAVIOLI** (Italy)

– MEETING ROOM 4 –

17:00-18:30 ORAL ABSTRACT PRESENTATIONS *PROGRAMME FROM PAGE 22*

CHAIRS: **Gabriele VALLI** (Italy) • **Francesca DE MARCO** (Italy)



NOVEMBER 8, FRIDAY

– AUDITORIUM –

TELEMEDICINE, TECHNOLOGY, AI AND TRANSLATION

MORNING SESSION

CHAIRS: John MA (USA) • Francesco TRAVAGLINO (Italy)

9:00–9:15 Donald JEANMONOD (USA)

When to CT the head of older adults?

9:15–9:30 Prabath NANAYAKKARA (Netherlands)

Research in emergency care (chain): moving forward together...

9:30–9:45 Brad PECKLER (New Zealand)

DIY L & P; Do-it-yourself lumbar puncture model for training and practice

9:45–10:00 Prashant MAHAJAN (USA)

AI in EM – State of the Art

10:00–10:15 Lukasz SZARPAK (Poland)

Does dose and timing of adrenalin during OHCA and IHCA make difference?

10:15–10:30 Ewa PIOTROWICZ (Poland)

Hybrid telemedicine for cardiac rehabilitation

10:30–10:45 Behçet AL (Turkey)

Brain tomography results of the out patients presenting to emergency department with headache

10:45–11:00 DISCUSSION

11:00–11:15 COFFEE BREAK – VISIT POSTER AREA

11:15–11:30 Manu AYYAN (India)

Frozen plasma in improving coagulopathy in human patients following hemotoxic snake bite

11:30–11:45 Vimal Krishnan SURENDRAN PILLAI (India)

Online vs. onsite disaster preparedness simulation module for improving knowledge and confidence among medical students, which is more effective?

11:45–12:15 CHAIR: Salvatore DI SOMMA (Italy)

Keynote Lecture: Vaishal TOLIA (USA)

Telemedicine for high risk seniors at home

12:15–13:15 LUNCH

AFTERNOON SESSION

CHAIRS: **Francesco Rocco PUGLIESE** (Italy) • **Enrico MIRANTE** (Italy)

13:15–13:30 Vijay CHANCHAL (India)

Acute pulmonary edema in pregnancy: pathophysiological insights and clinical spotlights

13:30–13:45 May NGUYEN (New Zealand)

SCOBY Doo vs the phantom menace. Comparative evaluation of SCOBY-based models and blue phantom for ultrasound-guided intravenous cannulation training: a non-inferiority study

13:45–14:00 Pia DANIEL (USA)

Survey evaluation of nursing emergency preparedness training shows lack of staff confidence in CBRNE events

14:00–14:15 Muhammed İkbāl ŞAŞMAZ (Turkey)

Right-sided Electrocardiogram usage in the ED. When and in which situations?

14:15–14:30 Mustafa Önder GÖNEN (Turkey)

Breaking the cycle: how physical therapy modalities impact emergency department visits in patients with chronic low back pain

14:30–14:45 Adithya SURESH (UK)

Thoracotomy to do or not to

14:45–15:00 Andrea FABBRI (Italy)

What tools for research in emergency medicine?

15:00–15:15 Antonio VOZA (Italy)

Artificial Intelligence in Emergency medicine: use or abuse?

15:15–15:30 DISCUSSION

15:30–16:00 CHAIR: Salvatore DI SOMMA (Italy)

Keynote Lecture: David BRENNER (USA)

Artificial Intelligence in disease management; is everything clear?

16:00–16:30 COFFEE BREAK and POSTER DISCUSSION in the POSTER AREA

16:30–17:30 ORAL ABSTRACT PRESENTATIONS PROGRAMME FROM PAGE 23

CHAIRS: **Lisa MORENO-WALTON** (USA) • **Giovanni RICEVUTI** (Italy)

17:30–18:30 ORAL ABSTRACT PRESENTATIONS PROGRAMME FROM PAGE 25

CHAIRS: **Sagar GALWANKAR** (USA) • **Francesco BONDANINI** (Italy)

18:30–18:50 CHAIRS: Salvatore DI SOMMA (Italy)

Keynote Lecture: Prashant MAHAJAN (USA)

WACEM 2024 Closing Plenary – What's next for Academic Emergency Medicine?

18:50–19:15 CLOSING REMARKS AND AWARDS

NOVEMBER 8, FRIDAY

– MEETING ROOM 1 –

9:00–11:45 WORLD CPC COMPETITION

<https://www.wacem2024.org/wp-content/uploads/2019/07/WACEM-CPC-RULES-2024.pdf>

16:30–17:30 ORAL ABSTRACT PRESENTATIONS *PROGRAMME FROM PAGE 23*

CHAIRS: Pia DANIEL (USA) • Lukasz SZARPAK (Poland)

17:30–18:30 ORAL ABSTRACT PRESENTATIONS *PROGRAMME FROM PAGE 26*

CHAIRS: Mark I. LANGDORF (USA) • James VAN OPPEN (UK)

– MEETING ROOM 2 –

16:30–17:30 ORAL ABSTRACT PRESENTATIONS *PROGRAMME FROM PAGE 24*

CHAIRS: Luca CRISANTI (Italy) • Francesco TRAVAGLINO (Italy)

17:30–18:30 ORAL ABSTRACT PRESENTATIONS *PROGRAMME FROM PAGE 26*

CHAIRS: Luca CRISANTI (Italy) • Francesco TRAVAGLINO (Italy)

– MEETING ROOM 3 –

16:30–17:30 ORAL ABSTRACT PRESENTATIONS *PROGRAMME FROM PAGE 24*

CHAIRS: Enrico MIRANTE (Italy) • Valentina VALERIANO (Italy)

17:30–18:30 ORAL ABSTRACT PRESENTATIONS *PROGRAMME FROM PAGE 27*

CHAIRS: Daniele PASTORI (Italy) • Mauro GIORDANO (Italy)

– MEETING ROOM 4 –

9:00–11:00 FLAME 2024 'ON LINE'

WOMEN LEADERSHIP CONCLAVE

<https://www.wacem2024.org/programme/#conclave-2024>

16:30–17:30 ORAL ABSTRACT PRESENTATIONS *PROGRAMME FROM PAGE 25*

CHAIRS: Gabriele VALLI (Italy) • Francesca DE MARCO (Italy)

17:30–18:30 ORAL ABSTRACT PRESENTATIONS *PROGRAMME FROM PAGE 27*

CHAIRS: Gabriele VALLI (Italy) • Francesca DE MARCO (Italy)

ORAL ABSTRACT PRESENTATIONS



NOVEMBER 6, WEDNESDAY

16:30-17:45

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CHAIRS: Salvatore DI SOMMA (Italy) • David BRENNER (USA)

OR-102 Valentina Gallo (Italy)

Automatic device for smart detection of tumours

OR-207 Yulia Ilina (Germany)

Peptidylglycine α -amidating monooxygenase as a novel therapeutic tool for mitigation of neurodegenerative disorders

OR-211 Paul Kaufmann (Germany)

Reduced levels of bio-ADM and its activator enzyme PAM is associated with incident Alzheimer's – Analyses from population-based and longevity cohorts

OR-226 Alessandra Maria Pizza (Salerno)

Impact of a short-term Mediterranean diet intervention on plasma lipidic metabolites: a pilot study

OR-384 Farangiz Sautova (Uzbekistan)

The hallmark of aging

OR-999 Kalyarat Sukruang (Thailand)

Is southern Thailand a model for healthy aging? Findings from the THAI study

OR-242 Annette Grajny (USA)

Waiting Room Overcrowding Risks and Safety Threats: An Interprofessional In-Situ Simulation Quality Improvement Exercise

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CHAIRS: Giulio Maria RICCIUTO (Italy) • Fatimah LATEEF (Singapore)

OR-502 Nirmal Peter Abraham (India)

Ultrasonography to confirm endotracheal tube placement in the emergency department

OR-368 Evan Avraham Alpert (Israel)

Artificial Intelligence to augment Point-of-Care Ultrasound in the Emergency Department

OR-208 Hannah Joyke Chawang (India)

Novel technique in performing ocular ultrasound in trauma

OR-463 Christopher Markus Colbert (United States)

"Bending" the rules. A brief overview of orthopedic nuances / guidelines as it pertains to joint dislocations

OR-215 Anand Kumar Das (India)

Impact of Integration of Point-of-Care Ultrasound in Triage Patients in the Emergency Department

OR-422 Carmine Nasta (Italy)

Incidentaloma: the dark side of minor emergency

NOVEMBER 6, WEDNESDAY**16:30–17:45****MEETING ROOM 3****TRAINING IN EMERGENCY MEDICINE****CHAIRS: Prabath NANAYAKKARA** (Netherlands) • **Swee Han LIM** (Singapore)**OR-218 Evan Avraham Alpert** (Israel)*Injuries following Warning Sirens***OR-058 Issani Bhoi** (India)*Improving knowledge, skill and attitude towards use of ultrasound among undergraduate medical students and teachers in low to middle income countries.***OR-738 Nilsu Gencalp** (Italy)*Mind the gap, across theory: Multidisciplinary Team as innovative teaching for clinical skills acquisition***OR-375 Abbas Mofidi** (United Kingdom)*My Emergency Department Induction Experience in United Kingdom: A Comprehensive Overview***OR-047 Akhilesh Pathak** (India)*Beyond Academic Excellence: Nurturing Mental Health and Wellbeing of Medical Students***OR-331 Rakesh Guna Shekar** (India)*Integrating Palliative Care in Emergency Medicine: Need for Early Intervention and Training***OR-739 Guillemette Tekieli** (Italy)*First look at emergency department pharmacist in multidisciplinary team***OR-187 Paweł Więch** (Poland)*Virtual reality for training nursing students*

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CHAIRS: **Maria Pia RUGGIERI** (Italy) • **Başar CANDER** (Turkey)

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Acute appendicitis in pregnant women, its management and complications

OR-394 Amil Badoolah (USA)

Breve Dulce Bene

OR-287 Suman Chauhan (India)

Gender Disparities & Burnout Amongst Emergency Physicians

OR-281 Christina Hajicharalambous (USA)

Understanding ART: Emergencies in Assisted Reproductive Technologies

OR-497 Akshay Kumar (India)

Point of Care Quality Improvement – A novel scientific methodology for improving emergency care delivery

OR-194 Joshua Lynch (United States)

Rapid Evaluation and Electronic Linkage to Treatment for Opioid Use Disorder

OR-321 Anjali Ruhil (India)

Trauma in pregnancy at a tertiary care trauma center in India

OR-317 Shaden Salameh (Israel)

Gender Disparities in Triage Times in the Emergency Department

OR-145 Mohizodabegim Ravshabek Qizi Yusufbekova (Uzbekistan)

Anaphylactoid Syndrome of Pregnancy: a Case Study

NOVEMBER 7, THURSDAY

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OR-506 Behcet Al (Turkey)

Neuroimaging results of the non-traumatic outpatients with headaches admitted to the emergency department

OR-414 Maria Auxiliadora Castillo Delgado (Spain)

Risk factors for delirium in very old patients with traumatic brain injury referred from nursing homes to the emergency department: a retrospective cohort study.

OR-461 Christopher Markus Colbert (USA)

Applying “GRACE” to the emergent assessment and management of the acute dizzy patient

OR-232 Nicholas Cozzi (USA)

Large Vessel Occlusion Interfacility Transfer: Equitable Outcomes Irrespective of Modality of EMS Transport

OR-160 Arihant Jain (India)

Prognostic utility of Peripheral Perfusion Index for 24-hour all-cause mortality in hypotensive trauma patients presenting to the emergency department; an ongoing study

OR-319 Dario Marin (Italy)

The prognostic role of Ubiquitin Carboxy-terminal Hydrolase L1 and Glial Fibrillary Acidic Protein in mild and moderate head trauma: an observational study

OR-149 Edward A. Michelson, MD (USA)

Use of brain electrical activity biomarkers in assessing COVID-19 patients

OR-333 Övgü Özertural (Turkey)

Comparison of the Effectiveness of Scoring Systems in Paediatric Patients Presenting to the Emergency Department with Head Trauma

OR-406 Muhamad Syis Zulkipli (Malaysia)

Early administration of Acyclovir dramatically improved the clinical outcome of Bickerstaff's Encephalitis

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NOVEMBER 8, FRIDAY**16:30–17:30****MEETING ROOM 1****MANAGEMENT IN CRITICAL MEDICINE****CHAIRS:** Pia DANIEL (USA) • Lukasz SZARPAK (Poland)**OR-358 Sanjeev Bhoi (India)***To assess the efficacy of health system building training on improving facility–based emergency care systems in medical colleges in Uttar Pradesh, India***OR-389 Sanjeev Bhoi (India)***Does pre–hospital emergency care training improve the knowledge and confidence among healthcare personnels in India?***OR-193 Derick David Jones (USA)***ED Workflow Automation and Patient Experience Enhancement Utilizing Real Time Location System (RTLS) Technologies***OR-671 Sonila Kalemi (Italy)***Global Health Telemedicine (GHT)***OR-191 Anna Nguyen (USA)***Analyzing the Impact of Various Clinical Care Pathways on Trauma Recidivism Rates: a Retrospective Cohort Analysis***OR-117 – Meera Shukla (USA)***Enhancing Patient–Centered Care with Federal Benefits: the Impact of the Link Health Program on Economic Burdens and Public Health***OR-446 Mohammed Yunus (INDIA)***The ER OPD: A Novel Approach in Emergency Department functioning at AIIMS BHOPAL*

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OR-308 Deo Mathew (India)

A single center review of cases to understand the Indian polyvalent antivenom use in hump-nosed pit viper bites in South India

OR-309 Deo Mathew (India)

Shared Decision-Making and Cultural Competence in Emergency Medicine: Balancing Patient Preferences and Clinical Judgment

OR-051 Akhilesh Pathak (India)

Overcoming Emergency Challenges with Poise: Emerging Strong India

OR-888 Leon Sanders (USA)

Association Between COVID-19 Infection and Malignancy: a Global Approach

OR-382 Mohini Singh (India)

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OR-241 Matteo Guarino (Italy)

Comparison between Capillary and Serum Lactate Levels in Predicting Short-Term Mortality of Septic Patients at the Emergency Department

OR-439 Mukhammadbektosh Khaydarov (Uzbekistan)

Emergent cases among diabetes mellitus type 2 patients with varying medication adherence in Uzbekistan: a follow-up study proposal

OR-392 Ziya Kocer (Turkey)

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OR-491 Sanjeev Kumar (India)

Multiplex Polymerase Chain Reaction (PCR) syndromic testing vs Conventional Standard of Care (SOC): a prospective study to assess the clinical response

OR-324 Dearikha Karina Mayashinta (Indonesia)

Integrating hematological parameters, albumin and procalcitonin in sepsis outcome prediction: a heatmap-based analysis

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- P-374 Jabir Majeed (India)**
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- P-475 Övgü Özertural Akin (Turkey)**
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- P-153 Nathalie Pandolfo (Italy)**
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Fireworks in my fingers and toes

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Are there differences in how Under-Represented Groups perceive virtual interviews?
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Integrating a machine learning based mortality risk prediction score with emergency department triage system to better predict 30-day mortality
- P-276 Hyunmo Yang (South Korea)**
Assessing the appropriateness of intelligent portable on-site emergency medical kit
- P-377 Paul Yugendra (Singapore)**
A New "Time Record" using Compression-only Cardiopulmonary Resuscitation (CPR) for Out-Of-Hospital Cardiac Arrest (OHCA) with subsequent full Neurological Recovery
- P-408 Muhamad Syis Zulkipli (Malaysia)**
Abdominal cellulitis as a rare sign of perforated appendicitis with severe peritonitis

GENERAL INFORMATION

CONGRESS VENUE

SERAPHICUM CONGRESS CENTRE

Via del Serafico 1 • 00142 Roma – EUR

Located in the elegant EUR district of Rome, not far from the Laurentina terminal station of Metro Line B – in 20' you are in downtown Rome, the Colosseum, main railway station Termini. By taxi it may take longer, depending on traffic conditions.

CONGRESS PHOTOGRAPHY/VIDEO DISCLAIMER

During the Congress an official photographer / camera operator will take photos or video recordings. Any images will be property of WACEM 2024 for purposes related to the Congress. If you do not agree to your image being taken please inform the photographer.

OFFICIAL LANGUAGE

The official language of the Congress is English.

CONGRESS SECRETARIAT – REGISTRATION DESK opening hours

- Wednesday, November 6 – 8:00 – 18:30
- Thursday, November 7 – 8:30 – 18:30
- Friday, November – 8:30 – 18:30

Upon registration you will receive tickets for welcome reception, lunches and social dinner invitation, if you signed for it.

NAME BADGE

All attendees need to be registered at the Congress. Please pick up your name badge and wear it for all Congress activities.

CERTIFICATE OF ATTENDANCE

Statement of attendance will be mailed after the Congress at the email address informed upon registration at the Congress.

CREDITS ECM – per i soli partecipanti italiani

Le giornate congressuali saranno accreditate separatamente onde facilitare l'acquisizione dei crediti formativi. Informazioni dettagliate sul sito del Congresso e nella documentazione consegnata al momento della registrazione.

Si prega ritirare e riconsegnare giornalmente la documentazione ECM.

La presenza sarà rilevata tramite badge elettronico, è necessario far rilevare la presenza per ogni singola giornata all'inizio ed alla fine delle sessioni di lavoro.

SPEAKER READY ROOM – SLIDE CENTRE

A 'speaker ready room' will be located on the ground floor.

Presenters can use the room to check their presentations.

Speakers are kindly asked to deliver their presentation on USB flash drive, at least 2 hours in advance with reference to the beginning of their session. Your presentation will be checked by the technical staff and uploaded to the central system to be projected in one of the Meeting rooms. Personal laptops are not allowed for presentations. Please check complete speaker information in the website.

CURRENCY AND CREDIT CARDS

Like in the rest of the European Union, the official currency is the Euro (€). The most common credit cards are accepted in most of the businesses and hotels. Visa, MasterCard, American Express and Diners Club cards are widely accepted at hotels, department stores, shops and restaurants. Better to ask taxis if they get credit card, not all of them accept this form of payment.

CLIMATE AND TEMPERATURES

Rome has a Mediterranean climate with cool winters and generally hot summers, which means that any time of the year is good for visiting the city.

Spring and autumn are the best seasons to visit Rome, since temperatures are mild, not too hot, not too cold.

Medium temperatures beginning November 11°C – 24° C / 51.8 °F – 75.2 °F.

It may prove useful to have a raincoat.

LOCAL PUBLIC TRANSPORTATION

TOURIST CARD

You can easily get around Rome and visit our fantastic 'open air museum' by bus, by subway ("Metropolitana"), by taxi and on foot. If you plan to stay for 3 days or more, we suggest you buy "*Roma Pass*" tourist card.

For any further information, please visit: <http://www.romapass.it>

TAXI

Taxis licensed by Rome City Council are white and bear the sign "TAXI" on their roofs. The symbol of Rome City Council is also clearly visible on the vehicle's front doors and the license number is shown inside the car on the back left door.

ATTENTION: Any other vehicle waiting at the airport exit could be driven by unauthorized persons and fare could be higher.

To book a taxi you may call +39 06 3570 (one of the largest groups) or upload an app – freenow is one of them.

PUBLIC TRANSPORTATION – BUS & SUBWAY

Rome has **3 subway lines** (A– B – C) and several bus routes covering almost all parts of Rome and its suburbs. A single ticket costs euro 1,50 and it is valid 100 minutes after validation, but just for a single journey on subway.

The Conference venue is located in the E.U.R. district, which is not in the historical city centre. However, you can reach the Conference Centre by underground line B, connecting E.U.R. district to Rome downtown area (Termini railway Station, Colosseum and Circo Massimo areas) to EUR district. The nearest stations to the Conference venue is LAURENTINA .

Buses run from 5.30am to 23.30 with only the night buses after 23.30. The subway (Metro) lines run from 5.30am to 23.30 and, on Friday and Saturday nights, to 1.30am. Due to important works, line A runs during the congress days from 5.30am to 21.00 and, on Friday and Saturday nights, to 1.30am.

Tickets can be bought at all railway and metro stations, as well as at the authorized sales points (newsagents, coffee bars, tobacconists and P.I.T. – Tourist information points).

For further information on schedules, tickets, offers and fares:

<https://www.atac.roma.it/en>



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