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1 st Time in India

**World**

**RESUSCITATION**

**Congress**

4-7 DEC 2025

MADURAI, INDIA



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# A GLOBAL GATHERING IN A TIMELESS CITY



WRC 2025 isn't just a medical conference—it's a convergence of minds from across the globe, hosted in one of India's most historic cities. Madurai, the 2,500-year-old cultural capital of Tamil Nadu, will welcome over 2,000 delegates and faculty from 25+ countries, all united by a singular mission: to advance the science and practice of resuscitation.



Madurai sits in the heart of southern India, seamlessly blending ancient heritage with modern healthcare infrastructure. Its strategic location makes it a gateway to knowledge exchange between global experts and the vibrant Indian medical community.

From Tokyo to Toronto, Sydney to Stockholm—our global faculty spans continents, representing the very best of Emergency Medicine, Resuscitation Science, Trauma Care, and Disaster Response.

**At the Crossroads of Global Emergency Medicine**



# WELCOME TO WORLD RESUSCITATION CONGRESS



The World Resuscitation Congress 2025 (WRC 25) - it is a global movement at the forefront of resuscitation science. Set against the vibrant cultural backdrop of Madurai, India, WRC 2025 brings together the world's leading voices in emergency medicine, trauma care, critical care, and life-saving interventions.

From clinicians and researchers to policymakers and innovators, delegates will unite from 25+ countries to share breakthrough insights, shape new protocols, and foster life-saving collaborations that transcend borders.

As resuscitation science evolves rapidly in response to new challenges—from cardiac arrest and trauma to disaster response and toxicological emergencies—WRC 2025 provides an immersive platform to exchange ideas, advance research, and inspire global impact.

This year's theme, **"Bridging Borders for Better Resuscitation,"** calls for collective action, continuous innovation, and the seamless exchange of knowledge across nations, specialties, and systems. Together, we aim to improve survival, quality of life, and equity in emergency care around the world.



# THE MISSION

To improve patient outcomes and save lives through the latest advancements in resuscitation science. By bringing together leading experts and practitioners, we aim to drive innovation, enhance knowledge, and ultimately improve the quality of care for patients in need of resuscitative interventions.

**National &  
International Speakers**

**Interdisciplinary  
Excellence**

**Global  
Networking**

**2 Days Global  
Conference**

**2 Days Hands-on  
Workshop**

**Oral & Poster  
Young Faculty Talk**



## Our Focus:

- Improving survival outcomes across the chain of survival
- Empowering practitioners with actionable, evidence-based training
- Promoting policy dialogue for systems-level reform
- Bridging academic research with frontline practice



WRC 2025 delivers a broad and deep exploration of resuscitation science across diverse populations, clinical environments, and health systems. The program is designed to reflect both the current realities and emerging frontiers of emergency medicine.

### **Cardiopulmonary Resuscitation (CPR) Guidelines & Techniques**

Explore global updates and innovations in CPR delivery—from bystander to advanced provider care—based on the latest international guidelines.

### **Advanced Life Support (ACLS & PALS)**

Dive into the evolving standards and real-world application of ACLS and Pediatric ALS protocols for rapid, coordinated response to life-threatening events.

### **Trauma Resuscitation & Pre-Hospital Care**

Examine best practices and new models for delivering critical interventions at the point of injury or during transport, especially in resource-variable settings.

### **Resuscitation Education & Training**

Discover innovative teaching methods, simulation strategies, and digital tools that are redefining how we train the next generation of life-savers.

### **Technology & Devices**

Preview the future of resuscitation—from intelligent AEDs to wearable monitors and automated feedback systems—reshaping how care is delivered in and out of hospitals.

### **Quality & Systems Improvement**

Analyze case studies and frameworks that illustrate how hospitals and health systems are embedding continuous improvement into resuscitation outcomes and patient safety.

### **Ethical Decision-Making in Resuscitation**

Delve into complex, real-world dilemmas around end-of-life decisions, advanced directives, consent, and family-centered care during critical events.

### **Resuscitation in Special Populations**

Gain nuanced perspectives on adapting protocols and interventions for:

- Neonates & Pediatrics
- Geriatric Patients
- Patients with Chronic Conditions, Disabilities, or Toxic Exposures

### **Neuroemergencies & Toxicology**

Review advancements in early recognition and management of toxicological crises and neurological emergencies with high mortality and morbidity implications.

### **Maternal & Obstetric Emergencies**

Address the unique and often time-sensitive needs in maternal resuscitation, including hemorrhage control, arrest management, and trauma in pregnancy. Maternal & Obstetric Emergencies



# FROM THE DESK OF ORGANIZING COMMITTEE

**Vanakkam,**

Dear colleagues and friends,

On behalf of the organizing committee of WRC 2025, it gives me immense pleasure and heartfelt pride to welcome you all to the World Resuscitation Congress here in Madurai, the cultural capital of Tamil Nadu, India. It is an honor to host this truly global gathering of experts, leaders, and changemakers who are dedicated to advancing the science-and the art-of saving lives.

Madurai, affectionately known as the "Temple City," is one of India's oldest living cities, with over 2,500 years of history in learning, healing, and spiritual reflection. It is home to the iconic Meenakshi Amman Temple, a symbol of grace and resilience-qualities that deeply resonate with the field of resuscitation. With its vibrant culture, rich traditions, and modern infrastructure, Madurai offers the perfect setting to unite tradition and innovation in the pursuit of better health outcomes worldwide.

WRC 2025 is not just a congress; it is a call to action. Resuscitation science is evolving faster than ever, responding to global challenges in cardiac arrest, trauma care, disaster response, toxicology, and pre-hospital emergency systems. Over the four days, we will explore groundbreaking topics-ranging from pediatric and geriatric resuscitation, ACLS/PALS protocol advancements, and community CPR outreach, to innovations in resuscitation technology, ethical decision-making, and interdisciplinary education.

On behalf of the entire committee, I extend my deepest appreciation for your presence and participation. Your contributions-whether clinical, academic, policy-driven, or community-based-are the lifeblood of this event. I am confident that the connections, conversations, and collaborations that begin here in Madurai will ripple out across borders, transforming systems and saving lives long after the closing session.

Thank you for being part of this extraordinary journey. Let us learn, lead, and lift each other-together.

Nandri & Warm regards,

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World Resuscitation Congress 2025



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Meitra Hospital, Calicut, India

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Trauma & Emergency Medicine  
AIIMS, Bhopal, India



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Critical Care & Emergency Medicine  
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Prof. in Anaesthesiology  
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MGM Skills Lab, Mumbai, India.



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Prof. in Cardiovascular &  
Venom Pharmacology  
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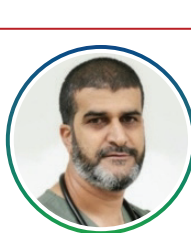
**Prof. Dr Debasis Das Adhikari**

Professor & Head  
Dept. of Pediatrics Emergency Medicine  
Christian Medical College  
Vellore, India



**Dr Joginder Solanki**

Consultant - Emergency Medicine  
NHS Trust, UK  
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King Saud Medical City, Riyadh



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AIIMS, Bilaspur, India

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**Dr Dina Shah**

Founder Director  
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Services, Noida, India



**Dr Senthilkumaran M.**

Associate Professor & HOD  
Dept. of FMT  
AIIMS, Madurai, India



**Dr Harish Mallapura  
Maheshwarappa**

Director  
Institute of Critical Care Medicine  
Kauvery Hospital, Marathahalli  
Bengaluru, India



**Dr Nishanth Hiremath**

Sr. Consultant & Chief  
Dept of Emergency Medicine &  
Trauma Services,  
Bhagwan Mahavir Jain Hospital,  
Bengaluru, India

### Organizing Committee



**Dr S. Karthikeyan**

Sr. Consultant, Dept. of  
Critical Care Medicine & Toxicology  
Meenakshi Mission Hospital &  
Research Centre, Madurai, India



**Dr R. Shanmugam**

Consultant, Dept. of Critical Care  
Medicine & Toxicology,  
Meenakshi Mission Hospital &  
Research Centre, Madurai, India



**Dr Tausif Thangalvadi**

Chief operating officer &  
Medical Director  
Red health, India



**Dr Shailesh Shetty Shibaroor**

Sr. Consultant & Chief  
Emergency Department  
Patient Safety Officer  
Aster Hospitals, Bengaluru, India



**Dr Malaya Kumar Mishra**

Sr. Consultant & HOD  
Dept. of Emergency Medicine  
Yashoda Hospitals,  
Secunderabad, India



**Dr Susmeet Mishra**

Consultant and Head  
Dept. of Emergency Medicine  
Sum Ultimate Medicare  
Bhubaneswar, India



**Dr K. Muralidharan**

Consultant  
Accident & Emergency Medicine  
Vadamalaiyan Hospital, Madurai, India



**Dr Pranav Kumar**

Sr. Emergency Consultant  
Mamata Medical College  
Khamam, India



**Dr Santosh Pandey**

Consultant, Dept. of Emergency Medicine  
Majoraja Agrasen Hospital  
West Delhi, India



**Dr Arnab Nag**

Sr Consultant  
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Manipal Hospital, Kolkata, India



**Dr Amareswar Reddy**

Consultant, Emergency Physician  
Velammal Medical College and  
Hospital, Madurai, India



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Additional Professor & HOD  
Forensic Medicine & Toxicology  
AIIMS, Bibinagar, Hyderabad, India



**Dr Venkatesh  
Karthikeyan**

AIIMS  
Patna, India



**Dr Vimal Krishnan S.**

Professor & Head,  
Emergency Medicine,  
Kasturba Medical College,  
Manipal, India



**Dr S. Manu Ayyan**

Asst. Professor, Emergency Medicine & Trauma  
Jawaharlal Institute Of Postgraduate  
Medical Education and Research (JIPMER)  
Puducherry, India



**Dr S. Selva**

Asst. professor of Emergency Medicine  
Madurai medical college & Govt.  
Rajaji Hospital, Madurai, India



**Dr Sukan Chinna Maran**

Head - Operations & Training  
Tamil Nadu Apex Skill Development  
Centre for Healthcare (TNASDCH), India



**Dr A Karthik Ram**

Consultant, Dept. of Critical Care  
Medicine & Toxicology  
Meenakshi Mission Hospital &  
Research Centre, Madurai, India



**Dr Jude Rozario Vinoth**

Sr. Consultant  
Dept. of Emergency Medicine  
Apollo Speciality Hospital  
Madurai, India



**Dr A. Saravanavel**

Consultant & Head  
Dept. of Emergency Medicine  
Meenakshi Hospital, Thanjavur, India

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Dept. of Emergency Medicine  
Meenakshi Mission Hospital &  
Research Centre, Madurai, India

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Attending Consultant - AEs  
Marengo Asia Hospital  
Gurgaon, India



**Dr V. Dharshana Ragavan**

Senior Intensivist  
Critical Care Consultant  
Vinodhagan Superspecialty hospital  
Thanjavur, India



**Dr J. Nancy Saral Mary**

Emergency Physician  
Dept. of Emergency Medicine  
Meenakshi Mission Hospital &  
Research Centre, Madurai, India



**Dr Sheema Kanmani**

Emergency Physician  
Dept. of Emergency Medicine  
Meenakshi Mission Hospital &  
Research Centre, Madurai, India



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Sr. Consultant, Critical Care  
President Elect - ISCCM(2026)  
Manipal Hospitals  
Bangalore, India



**Dr N. Balamurugan**  
Course Director  
Sr. Consultant, Neurologist & Director  
SIMS Chellum Hospital  
Salem, India



**Dr M. N. Sivakumar**  
Head  
Institute of Critical Care Medicine,  
Royal Care Super Speciality Hospital  
Limited, Coimbatore, India



**Dr V. P. Chandrasekaran**  
Director  
Medical Corporate  
SRM Medical College &  
Research Centre, Chennai, India



**Dr B. Kannan**  
Consultant  
Neurologist  
Sundaram Arulrghaj Hospital  
Tuticorin, India



**Dr K. Sampath Kumar**  
Sr. Consultant & Head,  
Dept. of Nephrology  
Meenakshi Mission Hospital &  
Research Centre, Madurai, India



**Dr S. Meenakshi Sundaram**  
Sr. Consultant, Neurologist  
Apollo Specialty Hospitals  
Madurai, India



**Dr Padma**  
Sr. Consultant  
Dept. of Obstetrics & Gynaecology  
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Research Centre, Madurai, India



**Dr P. Krishnamoorthy**  
Sr. Consultant & Head  
General Medicine  
Meenakshi Mission Hospital &  
Research Centre, Madurai, India



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Sr. Consultant  
Dept. of Counselling & Psychiatry  
Meenakshi Mission Hospital &  
Research Centre, Madurai, India



**Dr S. Kumar**  
Sr. Consultant  
Dept. of Cardiac Anaesthesiology  
Meenakshi Mission Hospital &  
Research Centre, Madurai, India



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Sr. Consultant  
Imaging Sciences  
Meenakshi Mission Hospital &  
Research Centre, Madurai, India



**Dr R. Sivakumar**  
Sr. Consultant  
Dept. of Cardiology  
Meenakshi Mission Hospital &  
Research Centre, Madurai, India



**Dr N. Maharajan**  
Sr. Consultant  
Dept. of Anesthesiology  
Meenakshi Mission Hospital &  
Research Centre, Madurai, India



**Dr K.S. Anand**  
Sr. Consultant  
Dept. of Critical Care & Toxicology  
Meenakshi Mission Hospital &  
Research Centre, Madurai, India



**Dr A. Kannan**  
Sr. Consultant  
Dept. of Pediatrics & Neonatology  
Meenakshi Mission Hospital &  
Research Centre, Madurai, India



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Sr. Consultant  
Dept. of Surgical Gastroenterology  
Meenakshi Mission Hospital &  
Research Centre, Madurai, India



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Sr. Consultant  
Dept. of Orthopaedics  
Meenakshi Mission Hospital &  
Research Centre, Madurai, India



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Sr. Consultant & Head  
Dept. of CTVS  
Meenakshi Mission Hospital &  
Research Centre, Madurai, India



**Dr Selvamuthukumar**  
Sr. Consultant  
Dept. of Neurosurgery  
Meenakshi Mission Hospital &  
Research Centre, Madurai, India



**Dr T.C. Vijay Anand**  
Sr. Consultant  
Dept. of Neurology  
Meenakshi Mission Hospital &  
Research Centre, Madurai, India



**Dr Pl. Alagammai**  
Sr. Consultant  
Dept. of Medical Gastroenterology  
Meenakshi Mission Hospital &  
Research Centre, Madurai, India



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Sr. Consultant & HOD  
Dept. of Plastic Surgery  
Meenakshi Mission Hospital &  
Research Centre, Madurai, India



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Sr. Consultant  
Dept. of Radiation Oncology,  
Meenakshi Mission Hospital &  
Research Centre, Madurai, India



**Dr S. Senthil Kumar**  
Sr. Consultant,  
Dept. of Pediatric Intensive Care Unit  
Meenakshi Mission Hospital &  
Research Centre, Madurai, India



**Dr Andrew Deepak Rajiv**  
Consultant  
Dept. of Nephrology  
Meenakshi Mission Hospital &  
Research Centre, Madurai, India



**Dr Satyendra Uikei**  
Prof & Head  
Dept. of Emergency Medicine  
Govt. Bundelkhand Medical College  
Sagar, India



**Dr Vishal Gajbhiye**  
Associate Professor  
Dept. of Emergency Medicine  
Govt. Bundelkhand Medical College  
Sagar, India

### Workshop Arrangement Committee



**Dr. E. Rajkumar**

In-charge, Simulation Lab  
Sri Manakula Vinayagar  
Medical College and Hospital  
Pondicherry, India



**Dr Abinav**

Registrar  
Dept. of Emergency Medicine  
Meenakshi Mission Hospital &  
Research Centre, Madurai, India



**Dr Balachandar**

Registrar  
Dept. of Emergency Medicine  
Meenakshi Mission Hospital &  
Research Centre, Madurai, India



**Dr Swarna Devi**

Board of director  
Swarna Kamalam Multi Speciality  
Hospital (SKMH)  
Thirumangalam, Madurai, India



**Dr George Immanuel**

Emergency Physician  
Shifa Hospitals  
Tirunelveli, India



**Dr Monica Roy**

Associate Consultant  
Kauvery Hospital  
Marathahalli, Bengaluru, India



**Dr Ibrahim**

Masters in emergency medicine  
Shanthiram Medical College  
Andrapradesh, India



**Dr Aravind Gnanavel**

Specialty Doctor  
Emergency Department  
Liverpool University Hospital, UK



**Dr Noordeen  
Sathakathulla**

Consultant, Emergency Medicine  
Royal College of Emergency Medicine, UK



**Dr R. Hasheni**

Emergency Physician  
PSG Hospitals  
Coimbatore, India



**Dr Praveen**

Consultant  
Dept of Emergency Medicine  
Parvathy Hospital  
Chrompet, Chennai, India



**Dr Janarthanan M.**

Consultant & Head  
Dept of Emergency Medicine  
Iswarya Hospital  
OMR, Chennai, India



**Dr Subhathra Radha K.V.N**

Consultant  
Emergency physician  
Sri Chandrasekara Hospital  
Hosur, India



**Dr M. Vignesh**

Emergency Physician  
Dept of Critical Care  
Meenakshi Mission Hospital &  
Research Centre, Madurai, India



**Dr Shanmuga Bharathi**

Associate Consultant  
Dept. of Critical Care & Toxicology  
Meenakshi Mission Hospital &  
Research Centre, Madurai, India

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Kolundu Subramanian**

Honorary Distinguished Professor  
Tamilnadu Dr. M.G.R. Medical  
University, Chennai, India



**Dr Neeraj Mangla**

Consultant  
Dept. of Emergency Medicine  
Kauvery Hospital, Chennai, India



**Dr Sangeeta Sahoo**

Additional Professor  
Dept. of Trauma & Emergency  
AIIMS Bhubaneswar, India



**Dr Goma Bali Bajaj**

Sr. Consultant  
Emergency Medicine  
Bhiwadi, India



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Professor and head  
Community and Family Medicine  
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AIIMS, Madurai, India

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Emergency Physician  
Dept. of Emergency Medicine  
Meenakshi Mission Hospital &  
Research Centre, Madurai, India



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Anbunathan**

Accident & Emergency Medicine  
MSC Cruises, Italy



**Dr Venkatram Shankar**

Emergency Physician  
Dept. of Emergency Medicine  
Meenakshi Mission Hospital &  
Research Centre, Madurai, India



**Dr V. Mimi**

Consultant  
Medical intensive care unit  
Meenakshi Hospital  
Tanjore, India



**Dr Keshava Balaji**

Emergency Physician  
Kauvery Hospital  
Trichy, India

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**Dr A.S. Manikandan**

Dept. of Emergency Medicine  
Meenakshi Mission Hospital &  
Research Centre, Madurai, India



**Dr Kaviya Kannan**

Dept. of Emergency Medicine  
Meenakshi Mission Hospital &  
Research Centre, Madurai, India



**Dr Kirubasankaran**

Consultant, Dept. of Emergency Medicine  
Takshashila University  
Tindivanam, India



**Dr T. Muralitharan**

Consultant  
Medical Intensive care unit  
Meenakshi Hospital, Tanjore, India



**Dr M. Radhakrishnan**

Dept. of Emergency Medicine  
Meenakshi Mission Hospital &  
Research Centre, Madurai, India



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AIIMS, Bhubaneswar, India



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Rajasthan Dental Council  
India



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Consultant Critical Care and Anaesthesiologist  
Tulip Mediworld Superspeciality Hospital  
Guwahati, India



**Dr Debendra Tripathy**

Professor and HOD  
Trauma and Emergency  
AIIMS, Raipur, India



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Indian Institute of Public Health,  
Gandhinagar, India



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Superintendent,  
GMERS Medical College & Hospital,  
Sola, Ahmedabad, India



**Dr. Deepak Kumar**

-  
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**Dr. Mukkadar Ahamed**

Sr Consultant & Incharge,  
Critical Care Dept,  
SMH Bhopal



**Dr. Molli Kiran**

Associate Professor,  
Dept of Anesthesiology,  
AIIMS Mangalagiri



**Dr Anirban Bhattacharjee**

Assistant Professor  
Dept of Anaesthesiology  
Critical Care and Pain Medicine  
AIIMS, Guwahati, India



**Prof. Dr Debasis Das Adhikari**

Professor & Head  
Dept. of Pediatrics Emergency Medicine  
Christian Medical College  
Vellore, India



**Dr Shilpa Goyal**

Professor  
Dept. of Anesthesiology and Critical care  
AIIMS, Jodhpur, India



**Dr. Vivek Kumar**

Assistant Professor,  
Trauma & Emergency,  
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Medical Council of India



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ESIC Medical College Hospital  
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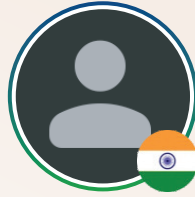
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Professor & Head  
Dept. of Anesthesiology  
AIIMS, Patna, India



**Dr. Sumit Gulati**

-  
-  
-



**Dr Hari Deep Yellamilli**

Assistant Professor  
Trauma and emergency  
AIIMS, Mangalagiri, India



**Dr Ravi Anand**

Assistant Professor & In-Charge  
Dept. of Trauma and Emergency Medicine  
AIIMS Kalyani, India



**Prof. Murugan T P**

Associate professor in Paediatric emergency  
Dept. of Paediatrics  
Christian medical College, Vellore, India



**Dr. Karan Singla**

Delhi Medical Council  
PGI Chandigarh



**Dr Hariprasad KV**

Associate Professor and Consultant- Er  
Ramaiah Medical College and  
Ramaiah Memorial hospital, Bengaluru, India



**Dr Dipanjan Halder**

Assistant Professor  
Dept. of Trauma & Emergency Medicine  
AIIMS, Kalyani, India



**Prof. Saurabh Saigal**

Professor  
Dept. of Anaesthesia and Critical Care  
AIIMS, Bhopal, India



**Dr Sanjay Kumar**

Additional Professor & HOD  
Anesthesiology and critical care  
AIIMS, Deoghar, India



**Dr. Jitendra Agrawal**

Prof & Head  
Emergency Medicine  
GRMC Gwalior, India



**Dr. Amrita Sarkar**

Associate Professor,  
Dept. of Community Medicine,  
RIHMS, Arunachal Pradesh, India



**Dr. Anshul Rai**

Professor,  
AIIMS Bhopal, India



**Dr. Ramanesh Murthy**

Dean & Director Professor,  
Dept of Clinical Microbiology,  
CIMS Bilaspur, India



**Dr Md Yunus**

Professor & Head  
Dept. of Trauma Emergency Medicine  
AIIMS, Bhopal, India



**Dr Shailesh Kumar**

Assistant Professor  
Dept. of Dentistry  
AIIMS, Gorakhpur, India



**Dr Vimal Krishnan S.**

Professor & Head  
Emergency Medicine  
Kasturba Medical College  
Manipal, India



**Dr Vikram Watti**

Assistant Professor  
Dept. of CTVS  
AIIMS, Bhopal, India



**Dr. Anjan Sahoo**

Additional Professor  
Odisha Council of Medical Registration  
India



**Dr Mahendra Pratap Singh**

Professor & HOD  
Dept of Surgical disciplines  
AIIMS, Bathinda, India

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**Dr Udit Narang**

Associate Professor  
Dept. of Medicine  
In-charge Medical ICU  
AIIMS, Nagpur, India



**Dr Vikas Lal**

Assistant Professor  
Dept. of Gen. Surgery  
AIIMS, Bhopal, India



**Dr Prawal Shrial**

Assistant Professor  
Trauma and emergency  
AIIMS, Bilaspur, India



**Dr. Kavin**

AIIMS Raipur, India



**Dr. Sagar Khadanga**

Additional Professor,  
Infectious Disease, Dept of General Medicine,  
AIIMS Bhopal, India



**Dr Zainab Mehdi**

Assistant Professor  
AIIMS, Raebareli, India



**Dr. Prateek Deo**

Consultant, Rheumatology & Immunology,  
Bansal Hospital,  
Bhopal, India



**Dr Mahendra Atlani**

Professor and Head  
Nephrology  
AIIMS, Bhopal, India



**Dr Nayer Jamshed**

Additional Professor  
Dept. of Emergency Medicine  
AIIMS, New Delhi, India



**Dr Poonam Arora**

Associate Professor  
Dept. of Emergency Medicine  
AIIMS, Rishikesh, India



**Dr Tanmoy Ghatak**

Associate Professor  
Dept. of Emergency Medicine  
SGPGIMS, Lucknow, India



**Prof. Mohd Luqman**

Assistant professor  
Dept. of Anaesthesia  
AIIMS Bathinda, India



**Dr. Ankur Sharma**

Additional Professor,  
Trauma & Emergency,  
AIIMS Jodhpur, India



**Dr. Amber Kumar**

Additional Professor,  
AIIMS Bhopal, India



**Prof. Dr Shikha Malik**

Professor & Head  
Pediatrics  
AIIMS, Bhopal, India



**Dr. Thanigai Arasu E**

Consultant, Pediatric Cardiac Anesthesia,  
Sri Padmavathi Children's Heart Centre,  
Tirupati, India



**Dr Sekhar Jyoti Sharma**

Assistant Professor  
Trauma and Emergency  
AIIMS, Guwahati, India



**Dr Madhumita G Murthy**

Professor and Head  
Dept. of Anesthesiology  
Pain Medicine and Critical Care  
CIMS, Bilaspur, India



**Dr Habib Md Reazaul Karim**

Additional Professor  
Anesthesiology  
AIIMS, Guwahati, India



**Prof. Babita Gupta**

Administrative In-charge  
Additional Medical Superintendent  
Trauma Anaesthesia and Critical Care  
JPNATC, AIIMS, New Delhi, India



# NATIONAL FACULTIES

 **WRC  
2025**  
WORLD RESUSCITATION  
CONGRESS  
4-7 DEC - MADURAI, INDIA



**Dr. Rupesh Bokade**

Consultant & Head,  
Emergency Medicine & Trauma,  
KIMS Kingsway Hospital, Nagpur, India



**Prof. Dr. Vikram Vardhan**

Founder Professor and Chief  
Anaesthesia and Perioperative Care  
AIIMS, Rajkot, India



**Dr Prof. Rajesh Malik**

Professor & Head  
Radiodiagnosis  
AIIMS, Bhopal, India



**Dr Pankaj Goel**

Professor & HoD  
Dept of Dentistry  
AIIMS, Bhopal, India



**Dr. Nitin Chawla**

Head of Dept & Pediatric Emergency  
Practitioner, KIMS Hyderabad, India



**Dr. Arin Choudhary**

Officiating Head of Emergency Department  
VMC and Safdarjung Hospital  
New Delhi, India



**Dr. Sanjay**

Assistant Professor,  
Anesthesia,  
AIIMS Patna, India



**Dr. Roshan Mathew**

Assistant Professor,  
Trauma & Emergency,  
AIIMS Raipur, India



**Dr Parul Mullick**

Director Professor  
Dept. of Anaesthesia & Intensive Care  
VMC and Safdarjung Hospital,  
New Delhi, India



**Dr Ajay Kumar**

Consultant & HOD  
Dept. of Anaesthesia  
DDU Hospital, New Delhi, India



**Dr Saifullah Tipu**

Professor  
Dept. of Anaesthesiology & Critical Care  
BMHRC - ICMR, Bhopal, India



**Dr Haider Abbas**

Professor & Head  
Department of Emergency Medicine  
King George's Medical University  
Lucknow, India



**Dr Radhika Rani Chandra**

Professor & HOD  
Dept of Accident,  
Trauma & Emergency Medicine  
Guntur Government Medical College  
Guntur, India



**Dr. Tarun Sharma**

Internal Medicine,  
AIIMS Bilaspur, India



**Dr. Animesh Mishra**

Professor & Head,  
Cardiology,  
NEIGRIHMS Shillong, India



**Dr Saurabh Trivedi**

Assistant professor  
Trauma and Emergency  
AIIMS Bhopal, India



**Dr O P Sanjeev**

Associate Professor  
Emergency Medicine  
SGPGIMS, Lucknow, India



**Dr Jitendra Kushwaha**

Assistant Professor  
Professor  
Dept of Trauma and Emergency Medicine  
AIIMS, Bhopal, India



**Dr Pooja Thaware**

Assistant Professor  
Dept. of Trauma & Emergency Medicine  
AIIMS, Bhopal, India



**Dr. Abhishek Singh**

Assistant Professor,  
Trauma, Anaesthesia & Critical Care,  
AIIMS, New Delhi, India

# NATIONAL FACULTIES

 **WRC  
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WORLD RESUSCITATION  
CONGRESS  
4-7 DEC - MADURAI, INDIA



**Dr. Koshy Alan Valiaveetil**

Associate Professor,  
Paediatric Emergency Medicine, Dept of Paediatrics,  
Christian Medical College, India



**Dr. Laltanpuii Sailo**

Faculty,  
Anaesthesiology,  
NEIGRIHMS Shillong, India



**Dr Nikhil Paul**

Assistant Professor  
Dept. of Emergency Medicine  
Kasturba Medical College  
Mangalore, India



**Dr Vishwas Sathe**

Prof. in Anaesthesiology  
(Cardiac Unit), In charge  
MGM Skills Lab, Mumbai, India.



**Dr. Vishakha Jain**

Assistant Professor,  
Dept of General Medicine,  
AIIMS Bibinagar.



**Dr Anirudh Mukerjee**

Associate Professor,  
AIIMS, Raibareli



**Dr Naazia Siddiqua**

Department of Emergency Medicine,  
AIIMS, New Delhi

# INTERNATIONAL FACULTIES

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**2025**  
WORLD RESUSCITATION  
CONGRESS  
4-7 DEC - MADURAI, INDIA



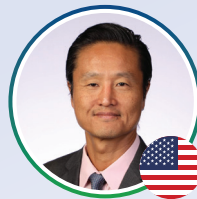
**Dr David Yamane**

Associate Professor of Emergency Medicine  
and of Anesthesiology & Critical Care Medicine  
The George Washington University  
Washington, D.C., USA



**Dr Joshua DeBlieux**

Critical Care Medicine Fellow  
The George Washington University  
Washington, D.C., USA



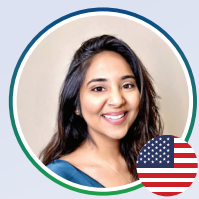
**Dr John Kim**

Vice President Asia-Pacific  
American Heart Association (AHA)



**Dr Gina Patel**

Critical Care Medicine Fellow  
The George Washington University  
Washington, D.C., USA



**Dr. Anuja Baskaran**

Attending Physician, Emergency Medicine  
Reston Hospital Center  
Virginia, USA



**Marida Straccia**

American Heart Association (AHA)  
USA



**Prof. Sakthi Vaiyapuri**

Prof. in Cardiovascular & Venom  
Pharmacology  
University of Reading, UK



**Dr Hideyuki Yamada**

Consultant for  
Japan of the American Heart Association (AHA)  
Japan



**Prof. Dr Rishya Manikam**

Senior Consultant Trauma &  
Emergency Physician  
University Malaya Medical Center  
Malaysia



**Prof Dr Au Kin  
Heng Constantine**

Accident and Emergency  
Queen Elizabeth Hospital  
Hong Kong



**Serena Parisi**

American Heart Association (AHA)  
Italy



**Dr Arunkumar  
Muthu Subramanian**

Anesthesiologist  
Sheik Khalifa Hospital  
Fujairah, United Arab Emirates.



**Dr Shamim Ahmad Bhat**

Deputy Chairman, Emergency Medicine  
King Saud Medical City  
Riyadh, Saudi Arabia



**Dr Shireen Rashid Kabir Nasti**

Ophthalmologist  
Safa Makkah Hospitals  
Riyadh, Saudi Arabia



**Dr Ramesh Kumar Maharjan**

Associate Professor,  
Head of Department of Emergency Medicine  
Tribhuvan University Teaching Hospital  
Kathmandu, Nepal



**Dr. Subiksha Varthni Selvan**

Emergency physician  
Department of Emergency Medicine  
Mildura base public hospital  
Victoria, Australia.



# DAY 1

## 4TH DEC 2025

### WORKSHOP



Hall - A	Time	Topic	Speaker
	9:00 a.m. - 12:30 p.m	Airway Management incl. Surgical Airway - AERIS (Air & Breath)	Dr. Saurabh Trivedi Dr. Jitendra Kushwahai Dr. Pooja Thaware
	1:30 p.m. - 5:00 p.m	Mechanical Ventilation - VENTRIX (Ventilation Mastery)	Dr. Abinav

Hall - B	Time	Topic	Speaker
	9:00 a.m. - 12:30 p.m	ACLS Mega Code Practice - CODEX (Advanced code mastery)	Dr. O.P. Sanjeev
	1:30 p.m. - 5:00 p.m	Mass Casualty Incident Drill - TRIAGEN (Triage & Emergency)	Dr. Manikandan

Hall - C	Time	Topic	Speaker
	9:00 a.m. - 12:30 p.m	Point-of-Care Ultrasound - SONIQ (Ultrasound, sharp and precise)	Dr. Habib Md. Reazaul Karim Dr. Debendra Tripathy Dr. Anirban Bhattacharjee Dr. Abhishek Singh
	1:30 p.m. - 5:00 p.m	Clinical Imaging - Practices & Pitfalls - IMAGINA (Imaging insights)	Dr. S. Prabhu

Hall - D	Time	Topic	Speaker
	9:00 a.m. - 12:30 p.m	CRRT & Hemodialysis - RENIVA (Renal innovations)	Dr. Abinav
	1:30 p.m. - 5:00 p.m	Hemodynamic Monitoring (ED/ICU Shock)- HEMODYN (Hemodynamic focus)	Dr. Habib Md. Reazaul Karim Dr. Radha Krishnan

Hall - E	Time	Topic	Speaker
	9:00 a.m. - 5:00 p.m	Excellence in Resuscitation - RESUSPRIME (For Paramedics/Nurses - Resuscitation excellence)	Dr.P.Sathishkumar pandiselvam Dr. Nancy Saral Mary JJ Dr. Sheema Kanmani

# DAY 2

## 5TH DEC 2025

### WORKSHOP

Hall - A	Time	Topic	Speaker
	9:00 a.m. - 12:30 p.m	Pediatric Emergency Simulation - PEDIACODE <i>(Pediatric code drills)</i>	Prof. Dr. DebasisDas Adhikari Dr. Koshy Alan Valiaveetil Dr. Murugan T P
	1:30 p.m. - 5:00 p.m	Orthopedic Reductions & Splinting - OSTEON <i>(Bone &amp; fracture focus)</i>	Dr. Venkatram

Hall - B	Time	Topic	Speaker
	9:00 a.m. - 12:30 p.m	Toxicology Emergencies - TOXINIC <i>(Toxicology intensive care)</i>	Dr. Narendra Nath Jena Dr. S. Senthilkumaran Dr. S. Subbulakshmi Dr. Nancy Saral Mary JJ
	1:30 p.m. - 5:00 p.m	ED Procedures Masterclass - PROCEDO <i>(Procedural excellence)</i>	Dr. Balachandar

Hall - C	Time	Topic	Speaker
	9:00 a.m. - 12:30 p.m	Communication Masterclass - CONVERSA <i>(Breaking Bad News, EOL Skills, Communication Skills)</i>	Dr. Haider Abbas
	1:30 p.m. - 5:00 p.m	Research Methodology & Scientific Writing - SCIENTIA <i>(Latin for Knowledge/Science)</i>	Dr. Trupti Bodhare Dr. Samir Deorao Bele

Hall - D	Time	Topic	Speaker
	9:00 a.m. - 12:30 p.m	Burn & Wound Care - DERMATIVE <i>(Skin healing focus)</i>	Dr. Binita Jena Dr Bhavya Manosila P
	1:30 p.m. - 5:00 p.m	Disaster Medicine & Prehospital Drill - CALAMITAS <i>(Latin for disaster)</i>	Dr. S. Prabhu

Hall - E	Time	Topic	Speaker
	9:00 a.m. - 12:30 p.m	MRCES Crack Class - EXAMINA <i>(Exam Prep Workshop)</i>	Dr Hema Sindhu
	1:30 p.m. - 5:00 p.m	Fellowship in Neuro Emergency Exam (OR) Fellowship in Clinical Toxicology Exam	Dr. Nancy Saral Mary JJ Dr. Manikandan Dr. Sheema Kanmani

- You may register for a max. of 4 workshops only
- One in the morning and the other in the afternoon each day
- Fees are charged per workshop
- Workshops are limited in capacity and seats will be confirmed on a first-come, first-served basis.
- Conference bookings are additional and booked separately

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#### Workshop Registration

Nurses/Paramedics	750
Doctors	1,000

SCAN TO  
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WORKSHOP



# DAY 1

## 6TH DEC 2025

### CONFERENCE



Hall - A	Time	Topic	Speaker
	9:00 a.m. - 9:15 a.m	<b>Introduction</b>	
		<b>Global Resuscitation</b>	
	9:15 a.m. - 9:35 a.m	Global Trends in Survival from Cardiac Arrest & EMS Protocols across Continents	<b>Dr. Ruchi Tandon</b>
	9:35 a.m. - 9:55 a.m	WHO ILCOR Updates What's New, What's Coming	<b>Dr. Upendra Hansda</b>
	9:55 a.m. - 10:15 a.m	EMS role in Pre Hospital Settings	<b>Dr.T C Sivaraman</b>
	10:15 a.m. - 10:35 a.m	AI in Resuscitation	<b>Dr. B.L. Soni</b>
	10:35 a.m. - 10:55 a.m	Innovation in Resuscitation Science	<b>Dr. Manas Pratim Borthakur</b>
	<b>COFFEE/TEA BREAK</b>		
	11:10 a.m. - 11:30 a.m	Emerging Technologies in Airway Management: Robotics, AI and Smart Devices	<b>Dr. Shamim Ahmad Bhat</b>
		<b>Simulation Science</b>	
	11:30 a.m. - 11:50 a.m	Real-Time Decision Support in Code Situations	<b>Dr. Debendra Tripathy</b>
	11:50 a.m. - 12:10 p.m	Simulation for Rare but Lethal Events	<b>Dr. Ajith Venugopalan</b>
		<b>The Code Hour</b>	
	12:10 p.m. - 12:30 p.m	Lessons from LMICs	<b>Dr. Deepak Saxena</b>
	12:30 p.m. - 12:50 p.m	Team Efficiency: Parallel Processing	<b>Dr. Deepika Singhal</b>
	<b>LUNCH</b>		



# DAY 1

## 6TH DEC 2025

### CONFERENCE



Hall - A	Time	Topic	Speaker
		<b>Critical Care Resuscitation</b>	
	01:40 p.m. - 02:00 p.m	ED-based ICU Models: The Future	Dr. Deepak Kumar
	02:00 p.m. - 02:20 p.m	Ventilator Troubleshooting for the Resus Clinicians	Dr. Mukkadar Ahamed
	02:20 p.m. - 02:40 p.m	Vasopressor Choice in Shock - Which, When, How?	Dr. Molli Kiran
	02:40 p.m. - 03:00 p.m	Targeted Temperature Management - Still Relevant?	Dr. Anirban Bhattacharjee
		<b>COFFEE/TEA BREAK</b>	
		<b>Pediatrics Resuscitation</b>	
	03:20 p.m. - 03:40 p.m	Trauma Child - Golden Hour Resuscitation	Prof. Dr. Debasis Das Adhikari
	03:40 p.m. - 04:00 p.m	Pediatric Dehydration in ED - Resuscitation Strategies	Dr. Shilpa Goyal
		<b>Ethics &amp; Simulation</b>	
	04:00 p.m. - 04:15 p.m	Family Presence in Resuscitation - Pros & Pitfalls	Dr. Vivek
	04:15 p.m. - 04:30 p.m	Consent & Conflicts: Ethics in Resuscitation (Consent Refusal & End-of-life in Emergencies)	Dr. Ankita Chawla
		<b>Stimulation Science</b>	
	04:30 p.m. - 04:45 p.m	Multi Centre Resus drill & Low Cost Stimulation	Dr. Akant arora

#### Early Bird

(till 31 Aug 2025)

	India	Int'l
Nurses/Paramedics	3,000	\$75
UG/PG Students	3,000	\$100
TICEM Members	5,000	\$150
Faculty	7,000	\$200
Non-Members	8,000	\$225
Accompanying Person	6,000	\$175

#### Regular

(1 Sep - 31 Oct 2025)

	India	Int'l
Nurses/Paramedics	5,000	\$100
UG/PG Students	5,000	\$150
TICEM Members	7,000	\$200
Faculty	10,000	\$250
Non-Members	11,000	\$275
Accompanying Person	6,000	\$175

#### Last Minute

(1 Nov - 3 Dec 2025)

	India	Int'l
Nurses/Paramedics	7,000	\$200
UG/PG Students	7,000	\$200
TICEM Members	10,000	\$250
Faculty	12,000	\$300
Non-Members	13,000	\$325
Accompanying Person	7,000	\$200

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# DAY 1

## 6TH DEC 2025

### CONFERENCE



Hall - B	Time	Topic	Speaker
	9:00 a.m. - 9:15 a.m	Introduction	
		<b>Airway &amp; Ventilation</b>	
	9:15 a.m. - 9:35 a.m	EMS Airway Management	Dr. Binay Biswas
	9:35 a.m. - 9:55 a.m	Oxygenation vs Ventilation - Pre-oxygenation Strategies	Dr. Nikki Sabarwal
	9:55 a.m. - 10:15 a.m	RSI in Critically Ill	Dr. Umesh Kumar Bhadani
	10:15 a.m. - 10:35 a.m	Crash Airway Checklist	Dr. Sumit Gulati
	11:00 a.m. - 11:20 a.m	Severe Asthma Crisis	Dr. Hari Deep Yellamilli
	COFFEE/TEA BREAK		
	11:20 a.m. - 11:40 a.m	COPD with Respiratory Failure	Dr. Ravi Anand
	11:40 a.m. - 12:00 p.m	Bronchiolitis: Respiratory Failure	Prof. Murugan T.P.
	12:00 p.m. - 12:20 p.m	Ventilation Strategies Post-Resus	Dr. Karan Singla
	12:20 p.m. - 12:40 p.m	Cricothyrotomy: ED Surgical Airway	Dr. Arun Kumar Muthu Subramanian
	LUNCH		
		<b>Neuro Resuscitation</b>	
	01:40 p.m. - 02:00 p.m	Stroke Mimics: Don't Be Fooled	Dr. Hari Prasad KV
	02:00 p.m. - 02:20 p.m	Sudden Neurological Deterioration in ED	Dr. Dipanjan Halder
		<b>Critical Care Resuscitation</b>	
	02:20 p.m. - 02:40 p.m	From Cardiogenic Shock to MODS: Early Detection	Prof. Saurabh Saigal
	02:40 p.m. - 03:00 p.m	Vasopressor use in Multisystem Failure	Dr. Sanjay Kumar



# DAY 1

## 6TH DEC 2025

### CONFERENCE

Hall - B	Time	Topic	Speaker
	03:00 p.m. - 03:20 p.m	Hyperkalemia in ED : Shift, Bind, Eliminate	Dr. Jitendra Agarwal
	COFFEE/TEA BREAK		
	03:45 p.m. - 04:00 p.m	<b>Preparedness, Global &amp; IPR</b> Emergency Preparedness in rural and resource limited settings	Dr. Amrita Sarkar
	04:00 p.m. - 04:15 p.m	Intellectual Property Rights	Dr. Anshul Rai
	04:15 p.m. - 04:30 p.m	Microbiota & Resuscitation Outcomes	Dr. Ramanesh Murthy
	04:30 p.m. - 04:50 p.m	<b>Ocular Emergency</b> Orbital Compartment Syndrome in Trauma	Dr. Shireen Rashid Kabir Nasti



#### Early Bird

(till 31 Aug 2025)	<b>India</b>	<b>Int'l</b>
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#### Last Minute

(1 Nov - 3 Dec 2025)	<b>India</b>	<b>Int'l</b>
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# DAY 2

## 7TH DEC 2025

### CONFERENCE



Hall - A	Time	Topic	Speaker
		<b>Trauma Resuscitation</b>	
	9:00 a.m. - 9:20 a.m	Trauma Triage Tools	Dr. Md. Yunus
	9:20 a.m. - 9:40 a.m	Pediatric Maxillofacial Trauma	Dr. Shailesh Kumar
	9:40 a.m. - 10:00 a.m	REBOA in Pelvic Fracture	Dr. Vimal Krishnan S
	10:00 a.m. - 10:20 a.m	Penetrating Chest Injuries	Dr. Vikram Watti
	10:20 a.m. - 10:40 a.m	Neck Trauma Management in ED	Dr. Anjan Sahoo
	10:40 a.m. - 11:00 a.m	Chest wall stabilization using metallic plates in blunt trauma	Dr. Mahendra Pratap Singh
COFFEE/TEA BREAK			
		<b>GI &amp; Hepatic Emergencies</b>	
	11:20 a.m. - 11:40 a.m	Hepatic encephalopathy - ED management	Dr. Udit Narang
	11:40 a.m. - 12:00 p.m	Mesenteric Ischemia – Time is Gut: Early Recognition and Intervention	Dr. Vikas Lal
	12:00 p.m. - 12:20 p.m	Gut Ultrasound in ED	Dr. Prawal Shrimal
		<b>Trauma Resuscitation</b>	
	12:20 p.m. - 12:40 p.m	Patient Blood Management in Emergency & Trauma	Dr. Kavim
LUNCH			
		<b>Infectious Disease</b>	
	01:40 p.m. - 02:00 p.m	Antibiotic Stewardship in ED	Dr. Sagar Khadanga
	02:00 p.m. - 02:20 p.m	Urosepsis: Fast track Evaluation	Dr. Zainab Mehdi
	02:20 p.m. - 02:40 p.m	Rheumatological Emergencies	Dr. Prateek Deo

# DAY 2

## 7TH DEC 2025

### CONFERENCE



Hall - A	Time	Topic	Speaker
		<b>Toxicology</b>	
	02:40 p.m. - 03:00 p.m	Uremic Toxidromes: Recognize and React	Dr. Mahendra Atlani
	03:00 p.m. - 03:20 p.m	Recreational Drug Toxicity	Dr. Nayer Jamshed
	03:20 p.m. - 03:40 p.m	Snake Bite: Envenomation Protocol	Dr. Poonam Arora
		<b>Critical Care Resuscitation</b>	
	03:40 p.m. - 04:00 p.m	Need of Biomarkers in Resuscitation	Dr. Tanmoy Ghatak
	04:00 p.m. - 04:20 p.m	ECMO in Resuscitation: Current Evidence & Future Directions	Prof. Mohd. Luqman
	04:20 p.m. - 04:40 p.m	Resuscitation in Wilderness Setting	Dr. Nikhil Paul
COFFEE/TEA BREAK			

“One life saved echoes across generations.  
Resuscitate with purpose”

#### Early Bird

(till 31 Aug 2025)

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# DAY 2

## 7TH DEC 2025

### CONFERENCE



Hall - A	Time	Topic	Speaker
	<b>Critical Care Resuscitation</b>		
	9:00 a.m. - 9:20 a.m	Real time Decision Support in Code Situations	Dr. Roshan Mathew
	9:20 a.m. - 9:40 a.m	Hypertensive Emergencies & Urgencies: An Evidence-Based Approach to Management	Dr. Ankur Sharma
	<b>Pediatrics Resuscitation</b>		
	9:40 a.m. - 10:00 a.m	Pediatric Cardiac Emergencies	Dr. Amber Kumar
	10:00 a.m. - 10:20 a.m	Paediatric Sepsis Recognition	Prof. (Dr.) Shikha Malik
	10:20 a.m. - 10:40 a.m	Advances in Pediatric Resuscitation - What's New?	Dr. Thanigai Arasu E
	<b>Cardiac Resuscitation</b>		
	10:40 a.m. - 11:00 a.m	Beyond CPR - "Cracking the Code" in Traumatic Cardiac Arrest & Peri-arrest States	Dr. Rupesh Bokade
<b>COFFEE/TEA BREAK</b>			
	11:20 a.m. - 11:40 a.m	Reversible PEA Causest	Dr. Sekhar Jyoti Sharma
	<b>Obstetric Resuscitation</b>		
	11:40 a.m. - 12:00 p.m	Maternal Cardiac Arrest	Dr. Sangeeta Sahoo
	12:00 p.m. - 12:20 p.m	Resuscitation in Preeclampsia and Eclampsia: A Multidisciplinary Approach	Dr. Madhumita G Murthy
	12:20 p.m. - 12:40 p.m	Emergent Management of Eclampsia with Pulmonary Edema	Dr. Habib Md. Reazaul Karim
<b>LUNCH</b>			

“From pause to pulse - Resuscitation breathes dignity back into death”

# DAY 2

## 7TH DEC 2025

### CONFERENCE



Hall - B	Time	Topic	Speaker
		<b>Cardiac Resuscitation</b>	
	01:40 p.m. - 02:00 p.m.	Damage Control Resuscitation	Prof. (Dr.) Babita Gupta
	02:00 p.m. - 02:20 p.m.	Managing Cardiogenic Shock	Dr. Zainab Mehdi
	02:20 p.m. - 02:40 p.m.	Dual Life Resuscitation	Prof. Dr. Vikram Vardhan
	02:40 p.m. - 03:00 p.m.	Point-of-Care Imaging in Resuscitation	Prof. (Dr.) Rajesh Malik
	03:00 p.m. - 03:20 p.m.	Integration of Dental Manpower in CPR Activities	Dr. Pankaj Goel
		<b>COFFEE/TEA BREAK</b>	
		<b>Pediatrics Resuscitation</b>	
	03:40 p.m. - 03:55 p.m.	Emergency Preparedness & Triage in Pediatric Emergencies	Dr. Nitin Chawla
	03:55 p.m. - 04:10 p.m.	Virtual Reality in Emergency Team Training	Dr. Arin Choudhary
	04:10 p.m. - 04:25 p.m.	Fluid of Choice in ED	Dr. Sanjay

#### Early Bird

(till 31 Aug 2025)

	India	Int'l
Nurses/Paramedics	3,000	\$75
UG/PG Students	3,000	\$100
TICEM Members	5,000	\$150
Faculty	7,000	\$200
Non-Members	8,000	\$225
Accompanying Person	6,000	\$175

#### Regular

(1 Sep - 31 Oct 2025)

	India	Int'l
Nurses/Paramedics	5,000	\$100
UG/PG Students	5,000	\$150
TICEM Members	7,000	\$200
Faculty	10,000	\$250
Non-Members	11,000	\$275
Accompanying Person	6,000	\$175

#### Last Minute

(1 Nov - 3 Dec 2025)

	India	Int'l
Nurses/Paramedics	7,000	\$200
UG/PG Students	7,000	\$200
TICEM Members	10,000	\$250
Faculty	12,000	\$300
Non-Members	13,000	\$325
Accompanying Person	7,000	\$200

- All prices are inclusive of access to scientific sessions and delegate materials
- Workshop bookings are additional and can be booked separately

Enquiry: [info@wrc.org.in](mailto:info@wrc.org.in)

Phone: +91 99443 84994 | +91 73730 25257

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*The 'Young Faculty Talks' session at WRC 2025 is dedicated to showcasing the innovation, passion, and expertise of early-career professionals in the field of resuscitation and emergency medicine. This platform will spotlight emerging leaders who are making impactful contributions to clinical practice, research, education, and prehospital care.*



### SESSION FORMAT

- **Dates:** December 6 & 7, 2025
- **Duration:** 10 Mins.
- Moderated by senior national/ international faculty
- Best Talk Recognition
- Certificate of Presentation

### Cardiology & Cardiac Arrest

- AI-Driven Predictive Analytics for Cardiac Arrest Prevention
- Cardiogenic Shock: Emerging ECMO Protocols and Bridge Strategies
- Public Access Defibrillation: Bridging the Gap Between Availability and Use
- Toxicology-Induced Cardiac Arrest: Protocols for Success in Complex Cases
- Wearable Tech in Early Detection of Cardiac Events: The Future of Monitoring

### Prehospital & EMS

- Prehospital ECMO: Feasibility and Outcomes in Urban EMS Systems
- Mass Casualty Incident Management: Simulation to Reality
- First Responder Training Innovations: From Schools to Smartphones
- Ambulance-Based Advanced Life Support: Protocol Evolution and Impact
- Community CPR Campaigns: Measuring Long-Term Behavioral Change

### Pediatrics & Neonatology

- Pediatric Resuscitation Challenges: Code Blue to Recovery Roadmap
- Neonatal Resuscitation in Low-Resource Settings: Success Stories
- Pediatric Toxic Ingestions: Emergency Airway and Antidote Priorities
- Family-Centered Care During Pediatric Codes: Balancing Emotions and Protocols
- Simulation Training in Pediatric Resuscitation: Evidence and Best Practices

### Toxicology

- Lipid Emulsion Therapy: Expanding Horizons in Cardiotoxic Overdose
- Organophosphate Poisoning: Critical Resuscitation Strategies
- Complex Multi-Drug Overdose: Algorithmic Approach in the Emergency Bay
- New Antidotes in Toxicology: From Bench to Bedside
- Toxicodrome Recognition: Empowering Emergency Teams for Rapid Response

### Gastrointestinal Emergencies

- Massive GI Bleeds: Resuscitation Priorities Before Endoscopy
- Variceal Hemorrhage in Cirrhosis: Integrating Resuscitation and Definitive Care
- GI Perforations: Early Identification and Multidisciplinary Response
- Acute Pancreatitis-Induced Shock: Emergency Department Strategies
- Toxic Ingestions with GI Manifestations: Beyond the Basics



## Obstetrics & Gynecology

- Maternal Collapse: Building Effective Multidisciplinary Resuscitation Teams
- Perimortem Cesarean Section: When Seconds Save Two Lives
- Massive Obstetric Hemorrhage: Simulation-Driven Protocol Development
- Eclampsia Management in the ED: Rapid Recognition and Treatment
- Pulmonary Embolism in Pregnancy: Diagnostic and Therapeutic Challenges

## Psychiatry & Behavioral Emergencies

- Managing Agitated Patients in Emergency Settings: Evidence-Based De-escalation
- Suicide Prevention Post-Resuscitation: Integrated Psychiatric Care Model
- Substance Use Crises: Bridging Acute Care and Long-Term Recovery
- Mental Health of Resuscitation Providers: Addressing Burnout and PTSD
- Psychiatric Emergencies Mimicking Medical Codes: Diagnostic Strategies

## Education, Research & Simulation

- Simulation-Based Resuscitation Training: Closing the Gap Between Theory and Practice
- Debriefing After Codes: Psychological Safety and Performance Improvement
- Integrating Resuscitation Training into Undergraduate Curricula: A Global Perspective
- Using Gamification and Digital Platforms to Enhance Resuscitation Skills
- Big Data and AI in Resuscitation Research: Unlocking New Insights

## Technology & Innovation

- Virtual and Augmented Reality in Emergency Training: The Next Frontier
- AI-Enabled Decision Support in Code Blue Management
- Mobile Applications for Resuscitation Checklists and Team Coordination
- Remote Monitoring and Wearables for Early Arrest Detection
- Digital Solutions for Enhancing Bystander CPR Rates Globally



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**Let your voice lead the future of  
resuscitation.**

**Present. Connect. Inspire.**

---

- All prices are inclusive of access to scientific sessions and delegate materials
- Workshop bookings are additional and can be booked separately

Enquiry: [info@wrc.org.in](mailto:info@wrc.org.in)

Phone: +91 99443 84994 | +91 73730 25257

SCAN TO  
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YOUNG  
FACULTY  
TALK



*The 'Senior Faculty Talks' session at WRC 2025 will bring together renowned experts and thought leaders in resuscitation and emergency medicine to deliver high-impact keynote and focused sessions. These talks will set the tone for discussions on cutting-edge innovations, advanced clinical strategies, and future directions in resuscitation science.*



#### SESSION FORMAT

- **Dates:** December 6 & 7, 2025
- **Duration:** 10 Mins.
- **Moderated by senior national/ international faculty**
- **Best Talk Recognition**
- **Certificate of Presentation**

#### Who Can Apply?

- Senior clinicians, researchers, and educators with recognized expertise in resuscitation and allied specialties.
- Professionals with proven contributions to clinical practice, research, innovation, education, or public health in resuscitation.

#### What You Gain?

- Global platform to share expertise
- Opportunity to mentor young faculty and influence future directions
- Academic recognition and networking with international leaders
- Inclusion in conference proceedings and visibility among global delegates

*Senior faculty are invited to present expert-level insights, research breakthroughs, and leadership perspectives across multiple domains, including but not limited to:*

**Emergency Medicine & Critical Care:** Advanced resuscitation strategies, post-ROSC neuroprotection, ultrasound-guided interventions.

**Cardiology & Cardiac Arrest:** ECMO protocols, AI-driven prediction, wearable tech for early cardiac event detection.

**Prehospital & EMS:** Mass casualty management, prehospital ECMO feasibility, first responder training models.

**Pediatrics & Neonatology:** Pediatric code management, neonatal resuscitation in low-resource settings, simulation advances.

**Toxicology:** Lipid emulsion therapy, antidote innovations, multi-drug overdose algorithms.

**Obstetrics & Gynecology:** Maternal collapse, perimortem cesarean, obstetric hemorrhage protocols.

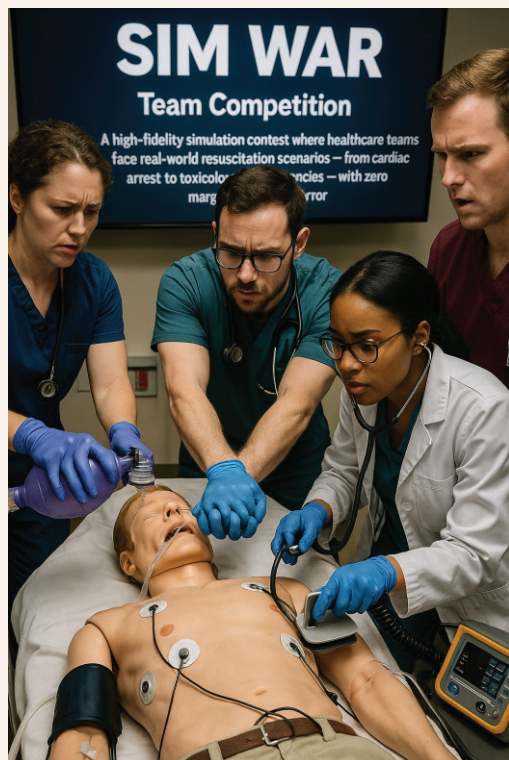
**Psychiatry & Behavioral Emergencies:** Post-resuscitation psychiatric care, managing agitation, provider mental health.

**Education & Simulation:** Gamification, debriefing strategies, global curriculum integration.

**Technology & Innovation:** VR/AR training, AI-enabled decision support, digital solutions for bystander CPR.

Submit to:  
**info@wrc.org.in**  
Deadline:  
**31 Aug. 2025**

# THE ULTIMATE RESUSCITATION CHALLENGE



***SIM WAR at WRC 2025** is a premier high-fidelity simulation competition that brings together multidisciplinary healthcare teams to confront realistic, high-pressure resuscitation scenarios. Designed to replicate the most critical moments encountered in real-world clinical practice, these simulations encompass a wide range of emergencies — including cardiac arrests, multi-trauma incidents, pediatric codes, toxicological crises, and more.*

## Core Skills Tested at SIM WAR

- Clinical reflexes & rapid decision-making
- Crisis communication & closed-loop teamwork
- Leadership under pressure
- Airway, breathing, and circulation management
- Procedural accuracy in life-saving interventions

Faculty Lead: **Dr. Rajkumar Elanjeran**  
supported by the **National SIM WAR Faculty Panel**

## How SIM WAR Works

- Each team consists of 3 to 5 members from the same institution.
- Teams compete in multiple high-pressure simulation rounds that test key resuscitation skills.
- The top 4 teams will advance to the Grand Resus Round Finale, where one team will be crowned the **SIM WAR Champions of WRC 2025**.

## Teams are judged on:

- ✓ Teamwork
- ✓ Communication
- ✓ Clinical accuracy
- ✓ Patient outcome

## Who Can Participate?

- Open to doctors, nurses, paramedics, interns, and allied health professionals.
- Only institution-based teams are allowed.
- Each participant must register individually and mention their team/institution name in the registration form.

Briefing Session: **Dec 5 (Evening)**

Competition Day: **Dec 6**

## Why You Should Participate

- Experience realistic, high-fidelity simulations using advanced mannequins.
- Compete with top-performing healthcare teams from across the country.
- Learn from India's leading experts in simulation and resuscitation.
- Earn certificates, national recognition, and a featured spot at **WRC 2025**.

SCAN TO  
REGISTER FOR  
SIM WAR





# PRE-CONFERENCE WORKSHOPS

## AERIS



## Airway Intervention and Respiratory Intensive Simulation

AERIS is a hands-on simulation-based workshop designed to strengthen clinical expertise in managing airway emergencies and respiratory failure. Participants will practice endotracheal intubation, video laryngoscopy, and advanced airway techniques in simulated ED/ICU scenarios using high-fidelity manikins.



**Dr Saurabh Trivedi**  
Assistant professor  
Trauma and Emergency  
AIIMS Bhopal, India



**Dr Jitendra Kushwaha**  
Assistant Professor  
Professor  
Dept of Trauma and Emergency Medicine  
AIIMS, Bhopal, India



**Dr Pooja Thaware**  
Assistant Professor  
Dept. of Trauma & Emergency Medicine  
AIIMS, Bhopal, India



**Friday, 4th Dec. 2025**



**9:00 am to 12:30 pm**



**Hall - A, Meenakshi Mission Hospital &  
Research Centre, Madurai, India**

### Highlights:

- Airway assessment & preparation
- Video laryngoscopy and surgical airways
- Bronchoscopy techniques (overview)
- Respiratory distress algorithm simulation
- Failed airway strategies
- Simulation of escalating respiratory crisis

### Who should attend?

- Emergency & critical care physicians
- Anaesthesiologists
- ICU/EM Residents
- Respiratory therapists
- Paramedics and airway nurses



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# PRE-CONFERENCE WORKSHOPS

## CODEX

ADVANCED CODE SIMULATION &  
MEGACODE MASTERY



## Advanced Code Simulation & Megacode Mastery

The CODEX workshop offers intensive training on managing cardiac arrest scenarios using structured megacode algorithms. Participants will run through ACLS/PALS protocols with real-time team feedback, advanced rhythm recognition, and post-resuscitation care simulations.



**Dr O P Sanjeev**

Associate Professor  
Emergency Medicine  
SGPGIMS, Lucknow, India



**Friday, 4th Dec. 2025**



**9:00 am to 12:30 pm**



**Hall - B, Meenakshi Mission Hospital &  
Research Centre, Madurai, India**

### Highlights:

- High-fidelity cardiac arrest simulation
- Megacode drills with structured debriefing
- Use of CPR feedback devices
- Post-ROSC management strategies
- Rhythm recognition and shock decisions
- Team communication under pressure

### Who should attend?

- *Emergency medicine doctors*
- *ICU staff and code blue teams*
- *PG trainees in medicine/critical care*
- *Paramedics & nursing educators*



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# PRE-CONFERENCE WORKSHOPS



## Point-of-Care Ultrasound (POCUS) – Sharp, Smart & Precise

SONIQ is a fast-paced, high-yield ultrasound workshop crafted for emergency physicians, critical care trainees, and anesthesiologists seeking sharp and precise decision-making tools in acute care settings. This workshop focuses on the most impactful and commonly used ultrasound protocols in resuscitation and emergency care. Through expert-led demonstrations and guided scanning on live models and simulators, participants will gain hands-on experience in trauma assessment, shock differentiation, and cardiac function evaluation using point-of-care ultrasound (POCUS). It's not just about image acquisition—it's about integrating real-time diagnostics into life-saving action.



**Dr Habib Md Rezaul Karim**

Additional Professor  
Anesthesiology  
AIIMS, Guwahati, India



**Dr Debendra Tripathy**

Professor and HOD  
Trauma and Emergency  
AIIMS, Raipur, India



**Dr Anirban Bhattacharjee**

Assistant Professor  
Dept of Anaesthesiology  
Critical Care and Pain Medicine  
AIIMS, Guwahati, India



**Dr. Abhishek Singh**

Assistant Professor,  
Trauma, Anaesthesia & Critical Care,  
AIIMS, New Delhi, India



**Friday, 4th Dec. 2025**



**9:00 am to 12:30 pm**



**Hall - C, Meenakshi Mission Hospital &  
Research Centre, Madurai, India**

### Highlights:

- eFAST for trauma
- RUSH protocol for shock
- Cardiac views and IVC assessment
- Practical hands-on scanning stations

### Who should attend?

- Emergency Medicine Doctors
- Critical Care Residents & Fellows
- Anesthesiologists & ICU Practitioners
- Physicians involved in acute care diagnostics
- PG Trainees in Emergency, Internal Medicine, and Anaesthesia



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# PRE-CONFERENCE WORKSHOPS



## CRRT & Hemodialysis – Renal Innovations for Acute Care

RENIVA is a focused, application-driven workshop on renal support in critical care. Designed for intensivists, emergency physicians, and nephrology trainees, this session explores the when, how, and why of initiating Continuous Renal Replacement Therapy (CRRT) and acute hemodialysis in emergency and ICU settings.

Participants will engage in simulation-based learning to understand machine setup, vascular access strategies, anticoagulation protocols, and fluid management in acute kidney injury (AKI), toxin exposure, and multi-organ dysfunction. Learn how to make timely renal decisions at the bedside—where every minute matters.



**Dr Abinav**

Registrar  
Dept. of Emergency Medicine  
Meenakshi Mission Hospital &  
Research Centre, Madurai, India



**Friday, 4th Dec. 2025**



**9:00 am to 12:30 pm**



**Hall - D, Meenakshi Mission Hospital &  
Research Centre, Madurai, India**

### Highlights:

- CRRT Indications & Modalities
- Machine Setup & Troubleshooting
- Anticoagulation Strategies
- Dialysis for Toxin Clearance
- Case-Based Discussions

### Who should attend?

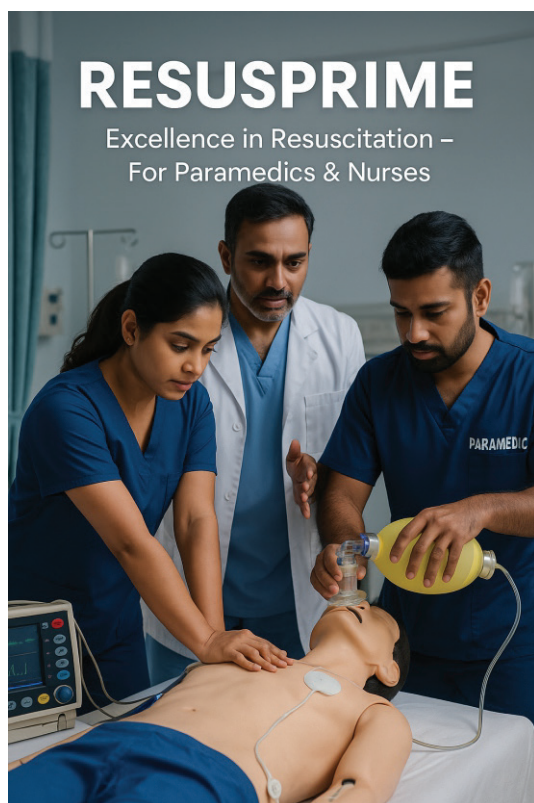
- ICU & Critical Care Physicians
- Emergency Medicine Doctors
- Nephrology Trainees & Fellows
- Anesthesiologists managing fluid balance & organ support
- PG Residents in Internal Medicine, Critical Care, Nephrology



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# PRE-CONFERENCE WORKSHOPS

 **WRC  
2025**  
WORLD RESUSCITATION  
CONGRESS  
4-7 DEC - MADURAI, INDIA



## RESUSPRIME

Excellence in Resuscitation –  
For Paramedics & Nurses

## Hands-on. High-pressure. Life-saving. Team-based training.

The RESUSPRIME workshop is a comprehensive simulation-based training program tailored for paramedics and nurses. It covers critical aspects of frontline resuscitation—including CPR, airway management, defibrillation, and trauma protocols. The program emphasizes skill-building through live demonstrations and interactive simulation stations. Participants will gain confidence in managing cardiac arrests, trauma resuscitation, and obstetric emergencies, improving both individual competence and team-based performance. By the end of the session, participants will be equipped with the knowledge and hands-on experience to function effectively in high-pressure emergency scenarios.



**Dr. P. Sathishkumar  
pandiselvam**



**Dr. J. Nancy Saral Mary**  
Emergency Physician  
Dept. of Emergency Medicine  
Meenakshi Mission Hospital &  
Research Centre, Madurai, India



**Dr. Sheema Kanmani**  
Emergency Physician  
Dept. of Emergency Medicine  
Meenakshi Mission Hospital &  
Research Centre, Madurai, India



**Friday, 4th Dec. 2025**



**9:00 am to 5:00 pm**



**Hall - E, Meenakshi Mission Hospital &  
Research Centre, Madurai, India**

### Highlights:

- Mastery of basic and advanced resuscitation skills
- Simulation-based training using high-fidelity manikins
- Effective airway management and bag-mask ventilation
- Early identification of shock & cardiac arrest rhythms
- Use of defibrillators (AEDs) and CPR feedback devices
- Exposure to team-based code blue simulation

### Who should attend?

- Emergency Nurses
- Paramedics
- BLS/ACLS Certified Practitioners
- Prehospital Emergency Technicians
- Students in final-year nursing or paramedical training



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# PRE-CONFERENCE WORKSHOPS



## Mechanical Ventilation. Simulation & Scenarios.

VENTRIX is a hands-on ventilation workshop crafted specifically for emergency physicians and ICU teams managing acute respiratory failure. Participants will work through the complete lifecycle of ventilator use—from initial setup and mode selection to waveform interpretation, troubleshooting, and weaning. Using real-time demos and high-fidelity simulation stations, the workshop provides a strong foundation in managing complex patients with respiratory distress, shock, or altered consciousness requiring airway and ventilator support.



**Dr Abinav**  
Registrar  
Dept. of Emergency Medicine  
Meenakshi Mission Hospital &  
Research Centre, Madurai, India



**Friday, 4th Dec. 2025**



**1:30 pm to 5:00 pm**



**Hall - A, Meenakshi Mission Hospital &  
Research Centre, Madurai, India**

### Highlights:

- Invasive vs Non-Invasive Ventilation
- Initial Ventilator Setup
- Waveform Analysis & Troubleshooting
- Safe Weaning & Extubation Readiness
- Case-Based Interactive Learning

### Who should attend?

- Emergency Medicine Physicians
- Intensivists & Pulmonologists
- Postgraduate Trainees in ICU, EM, Anesthesia
- Respiratory Therapists
- ICU Nurses handling ventilators



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# PRE-CONFERENCE WORKSHOPS



## Disaster Medicine & Mass Casualty Management Drills

TRIAGEN is a dynamic, live-action workshop simulating a large-scale disaster event. Participants will engage in hands-on triage exercises, command role-playing, and inter-agency coordination mimicking real-world scenarios such as building collapse, mass trauma, and chemical exposure. The session emphasizes rapid decision-making, structured MCI protocols, and teamwork under pressure, preparing emergency professionals for the unthinkable.



**Dr A.S. Manikandan**

Dept. of Emergency Medicine  
Meenakshi Mission Hospital &  
Research Centre, Madurai, India



**Friday, 4th Dec. 2025**



**1:30 pm to 5:00 pm**



**Hall - B, Meenakshi Mission Hospital &  
Research Centre, Madurai, India**

### Highlights:

- START triage methodology and MCI command response
- Field hospital & casualty collection point setup
- Role-playing drills in natural and man-made disasters
- Simulation: blast injuries, toxic gas exposure, structural collapse
- Role of EMTs, paramedics, and public health officials
- Coordination with fire, police, and disaster response teams



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### Who should attend?

- Emergency & disaster medicine professionals
- Paramedics & EMTs
- Hospital disaster committee members
- Public health officers
- PGs in community/ emergency/ family medicine
- NGO, military & first responder trainers

# PRE-CONFERENCE WORKSHOPS



## Clinical Imaging – Practices & Pitfalls (Imaging Insights for Emergency Care)

IMAGINA is a fast-paced, case-based imaging workshop designed for frontline emergency care professionals. Focused on real-world decision-making, this session helps participants avoid common imaging pitfalls and recognize life-threatening findings in X-ray, CT, and bedside ultrasound. Through interactive review of anonymized cases and imaging pearls, the workshop enhances diagnostic confidence and accuracy during high-pressure ED situations.



**Dr Prabhu**  
Emergency Physician  
Dept. of Emergency Medicine  
Meenakshi Mission Hospital &  
Research Centre, Madurai, India



**Friday, 4th Dec. 2025**



**1:30 pm to 5:00 pm**



**Hall - C, Meenakshi Mission Hospital &  
Research Centre, Madurai, India**

### Highlights:

- X-ray Interpretation Essentials
- CT Scan: Red Flag Signs & Misses
- POCUS & Imaging Correlation
- Hands-on Case Review
- Imaging “Do’s & Don’ts” for ED Physicians

### Who should attend?

- Emergency Physicians
- Junior and Senior Residents in EM, Internal Medicine
- Trauma Surgeons & Critical Care Teams
- ICU Doctors & Anaesthetists
- Radiology Trainees handling ED imaging



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# PRE-CONFERENCE WORKSHOPS



## Hemodynamic Monitoring – Tools, Trends & Decision-Making

HEMODYN is an advanced-level workshop tailored for clinicians managing critically ill patients in the ED and ICU. The session explores practical applications of invasive and non-invasive hemodynamic monitoring tools in real-time clinical scenarios of shock, sepsis, and fluid imbalance. Participants will engage in simulation-based interpretation of data from arterial lines, central venous catheters, and bedside cardiac monitors—sharpening decision-making skills for volume resuscitation and vasopressor use.



**Dr Habib Md Rezaul Karim**

Additional Professor  
Anesthesiology  
AIIMS, Guwahati, India



**Dr M. Radhakrishnan**

Dept. of Emergency Medicine  
Meenakshi Mission Hospital &  
Research Centre, Madurai, India



**Friday, 4th Dec. 2025**



**1:30 pm to 5:00 pm**



**Hall - D, Meenakshi Mission Hospital &  
Research Centre, Madurai, India**

### Highlights:

- Arterial Line & CVP Placement Techniques
- Monitoring ScvO<sub>2</sub> and Dynamic Indices in Shock
- Non-invasive Cardiac Output Assessment (e.g., USCOM, bioimpedance)
- Echo-Guided Hemodynamic Evaluation (IVC, EF, SVV)
- Fluid Responsiveness Algorithms & Decision Trees
- Case Simulations for Septic, Cardiogenic & Hypovolemic Shock

### Who should attend?

- Emergency Physicians & Critical Care Intensivists
- Anaesthesiologists & Trauma Surgeons
- ICU Nurses & Monitoring Technicians
- Postgraduates in Critical Care, EM, and Internal Medicine
- ED/ICU Paramedics involved in advanced monitoring setups



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# PRE-CONFERENCE WORKSHOPS



## Pediatric Emergency & Resuscitation Lab

This high-impact workshop immerses participants in realistic pediatric emergency scenarios covering critical conditions like sepsis, trauma, and airway compromise. Designed for hands-on skill-building, PEDIACODE emphasizes rapid recognition, effective team communication, and structured debriefing to improve pediatric resuscitation outcomes.



**Prof. Dr. Debasis Das Adhikari**  
Professor & Head  
Dept. of Pediatrics Emergency Medicine  
Christian Medical College  
Vellore, India



**Dr. Koshy Alan Valiaveetil**  
Associate Professor,  
Paediatric Emergency Medicine, Dept of Paediatrics,  
Christian Medical College, India



**Prof. Murugan T P**  
Associate professor in Paediatric emergency  
Dept. of Paediatrics  
Christian medical College, Vellore, India



**Friday, 5th Dec. 2025**



**9:00 am to 12:30 pm**



**Hall - A, Meenakshi Mission Hospital &  
Research Centre, Madurai, India**

### Highlights:

- Pediatric ABC assessment framework
- Pediatric airway and bag-mask ventilation
- Febrile seizures & hypoglycemia emergencies
- Pediatric code blue management
- Pediatric trauma triage
- Dosing & medication safety simulations

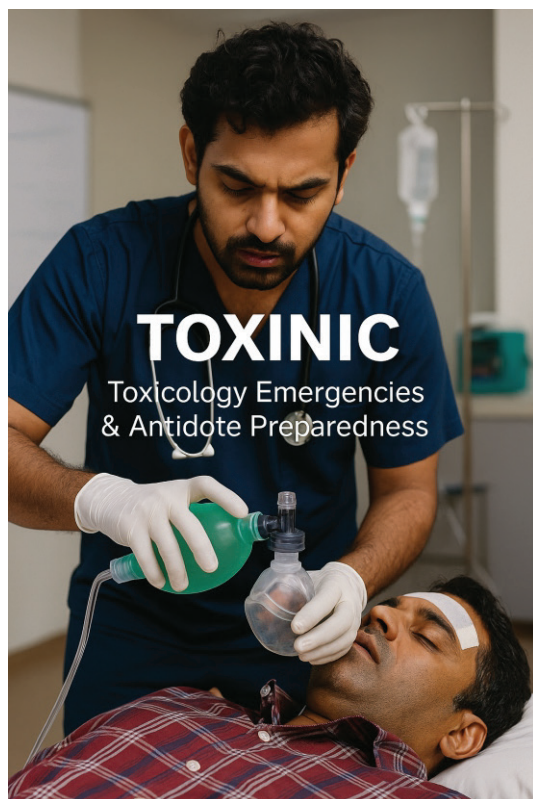
### Who should attend?

- Pediatricians
- Emergency doctors
- Pediatric residents
- Pediatric ICU nurses
- Paramedics dealing with pediatric cases



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# PRE-CONFERENCE WORKSHOPS



## Toxicology Emergencies & Antidote Preparedness

TOXINIC is a case-based interactive workshop focused on managing toxicological emergencies including organophosphate poisoning, drug overdoses, snakebite, and industrial exposures. Simulations and antidote stations will give hands-on exposure to timely recognition and response protocols.



**Dr Narendra Nath Jena**  
Director & Head  
Institute of Emergency Medicine,  
Meenakshi Mission Hospital &  
Research Centre, Madurai, India



**Dr Senthilkumaran M.**  
Associate Professor & HOD  
Dept. of FMT  
AIIMS, Madurai, India



**Dr D. Subbulakshmi**  
Associate Consultant,  
Dept. of Emergency Medicine  
Meenakshi Mission Hospital &  
Research Centre, Madurai, India



**Dr J. Nancy Saral Mary**  
Emergency Physician  
Dept. of Emergency Medicine  
Meenakshi Mission Hospital &  
Research Centre, Madurai, India



**Friday, 5th Dec. 2025**



**9:00 am to 12:30 pm**



**Hall - B, Meenakshi Mission Hospital &  
Research Centre, Madurai, India**

### Highlights:

- Toxidrome recognition drills
- Emergency antidote stations
- Simulation: Organophosphate & aluminum phosphide poisoning
- Snakebite triage & antivenom decision-making
- Poly-drug overdose management
- Handling chemical burn & inhalational exposures

### Who should attend?

- Emergency physicians
- Toxicologists & pharmacologists
- Residents in internal/emergency medicine
- Rural practitioners & public health teams



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# PRE-CONFERENCE WORKSHOPS



## Communication Masterclass – Empathy, Ethics & Critical Conversations

CONVERSA is a focused communication skills workshop designed for healthcare professionals dealing with emotionally charged, ethically complex, or high-stakes interactions in emergency and critical care. Through live demonstrations, structured roleplays, and group debriefs, participants will practice evidence-based frameworks to improve how they deliver bad news, handle end-of-life discussions, address family conflict, and navigate cultural or legal sensitivities.



**Dr Haider Abbas**  
Professor & Head  
Department of Emergency Medicine  
King George's Medical University Lucknow, India



**Friday, 5th Dec. 2025**



**9:00 am to 12:30 pm**



**Hall - C, Meenakshi Mission Hospital &  
Research Centre, Madurai, India**

### Highlights:

- SPIKES Protocol for Breaking Bad News
- End-of-Life Conversations: Honesty with Compassion
- Managing Family Distress, Grief, and Resistance
- Roleplaying Real-World ED/ICU Scenarios
- Cultural Sensitivity & Conflict Resolution Techniques
- Documentation, Consent, and Medico-Legal Aspects

### Who should attend?

- Emergency & Critical Care Physicians
- Nurses, Paramedics, and Support Staff
- Palliative Care & Oncology Professionals
- Medical Educators & Administrators
- Postgraduate Residents in Any Specialty



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# PRE-CONFERENCE WORKSHOPS



## Burn & Wound Care – Skin Healing Focus

DERMAVIVE is a skill-building workshop aimed at healthcare providers managing acute burn injuries and complex wounds in emergency settings. This hands-on session includes assessment drills, infection control airway protocols in facial burns, and practical dressing methods for both minor and major burns. Participants will also gain exposure to emergency escharotomy indications and safe execution. The workshop integrates clinical reasoning with tactile practice to ensure readiness in high-pressure trauma and burn scenarios.



**Dr Binita Jena**  
Sr. Consultant & HOD  
Dept. of Plastic Surgery  
Meenakshi Mission Hospital &  
Research Centre, Madurai, India



**Dr Bhavya Manosila P**



**Friday, 5th Dec. 2025**



**9:00 am to 12:30 pm**



**Hall - D, Meenakshi Mission Hospital &  
Research Centre, Madurai, India**

### Highlights:

- Assessment of Burn Depth, Surface Area & Severity
- Fluid Resuscitation: Parkland Formula & Monitoring
- Emergency Escharotomy Techniques
- Airway Management in Facial Burns & Inhalation Injuries
- Wound Dressing Methods – From Basic to Advanced
- Infection Control & Antibiotic Strategies
- Hands-on Wound Care Practice Stations

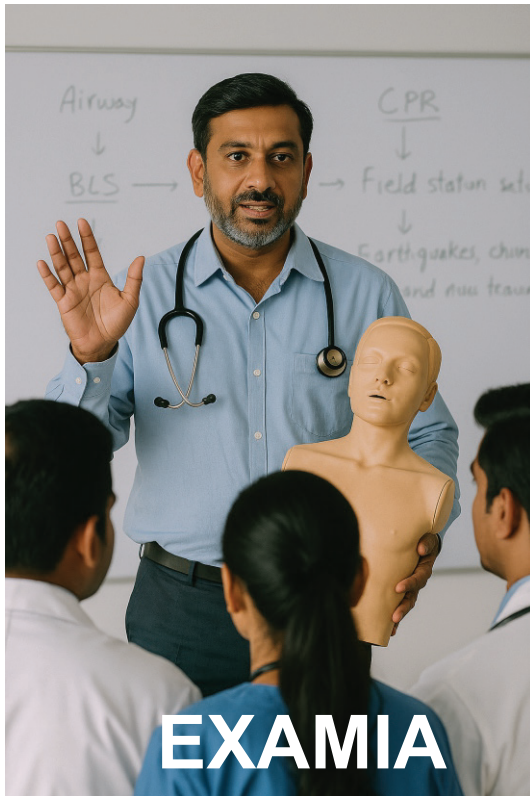
### Who should attend?

- Emergency Physicians & Trauma Surgeons
- General Surgeons & Burn Unit Specialists
- Nurses working in ED, ICU, Surgical, or Burn Wards
- Postgraduate Residents in Surgery, Emergency Medicine, or Anesthesia
- Paramedics and First Responders managing trauma cases



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# PRE-CONFERENCE WORKSHOPS



**EXAMIA**

## MRCEM Crack Class – Exam Prep Workshop

EXAMINA is a power-packed preparatory workshop tailored for candidates appearing for the MRCEM (Membership of the Royal College of Emergency Medicine) exams. Designed and led by experienced examiners and trainers, the session will cover essential exam strategies, core emergency topics, time-saving techniques, and mock OSCEs that mirror real exam pressure. From interpreting ECGs and trauma cases to handling communication stations and viva, participants will walk away with sharper confidence and clarity.



Dr Hema Sindhu



**Friday, 5th Dec. 2025**



**9:00 am to 12:30 pm**



**Hall - E, Meenakshi Mission Hospital &  
Research Centre, Madurai, India**

### Highlights:

- High-yield topics revision for SBA/OSCE formats
- Interactive rapid-fire emergency case discussions
- Mock viva and feedback sessions by MRCEM-certified faculty
- Time management strategies for stations and written rounds
- Tips on avoiding common exam pitfalls
- Sample answer frameworks and clinical reasoning drills



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### Who should attend?

- MRCEM Primary, Intermediate & OSCE candidates
- Postgraduate residents in Emergency Medicine
- Doctors pursuing international EM qualifications
- Faculty mentoring exam-oriented EM training programs

# PRE-CONFERENCE WORKSHOPS



## Orthopedic Reductions & Splinting – Bone & Fracture Focus

OSTEON is a hands-on procedural skills workshop focused on emergency orthopedic care. Participants will learn and practice closed reduction techniques for common joint dislocations and fractures, as well as splinting methods used in the emergency department (ED). The session integrates sedation strategies, pain control, and post-procedure care—all essential for confident orthopedic management in acute settings. Participants will rotate through skill stations to apply techniques on models and simulators with real-time faculty supervision.



**Dr Venkatram Shankar**  
Emergency Physician  
Dept. of Emergency Medicine  
Meenakshi Mission Hospital &  
Research Centre, Madurai, India



**Friday, 5th Dec. 2025**



**1:30 pm to 5:00 pm**



**Hall - A, Meenakshi Mission Hospital &  
Research Centre, Madurai, India**

### Highlights:

- Shoulder, elbow, wrist, and hip dislocation reductions
- Splint application techniques: volar, sugar tong, posterior long-arm, and more
- Procedural sedation & analgesia protocols
- Case-based learning: fracture management algorithms
- Hands-on reduction skill stations with step-by-step guidance

### Who should attend?

- Emergency medicine residents
- Paramedics and trauma nurses
- Orthopedic trainees & surgical assistants
- Critical care fellows in acute settings
- Doctors in rural/primary care with ED responsibilities



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# PRE-CONFERENCE WORKSHOPS



## ED Procedures Masterclass (Procedural Excellence)

PROCEDO is a focused, high-intensity hands-on workshop that offers practical mastery of essential emergency procedures. Participants will practice invasive and non-invasive life-saving techniques using high-fidelity task trainers and simulators. The session emphasizes safety, precision, and clinical decision-making with guidance from expert faculty.



**Dr Balachandar**  
Registrar  
Dept. of Emergency Medicine  
Meenakshi Mission Hospital &  
Research Centre, Madurai, India



**Friday, 5th Dec. 2025**



**1:30 pm to 5:00 pm**



**Hall - B, Meenakshi Mission Hospital &  
Research Centre, Madurai, India**

### Highlights:

- Chest tube insertion for pneumothorax and hemothorax
- Intraosseous (IO) access in shock and arrest scenarios
- Central venous catheter placement: IJ, subclavian, femoral
- Pericardiocentesis technique in tamponade emergencies
- Ultrasound-guided procedural tips
- Procedural sedation & analgesia protocols



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### Who should attend?

- Emergency medicine residents
- Critical care trainees
- Paramedics and advanced life support providers
- PG students in anesthesia, trauma care, or internal medicine
- Simulation trainers seeking procedural modules

# PRE-CONFERENCE WORKSHOPS



## Research Methodology & Scientific Writing

SCIENTIA is an academic foundation workshop designed to help postgraduate students, residents, and junior faculty improve their research aptitude and scientific writing skills. It introduces participants to the essentials of research design, data interpretation, manuscript preparation, and ethical publishing practices with a focus on emergency and critical care topics.



Dr. Trupti Bodhare



Dr. Samir Deorao Bele



Friday, 5th Dec. 2025



1:30 pm to 5:00 pm



Hall - C, Meenakshi Mission Hospital &  
Research Centre, Madurai, India

### Highlights:

- Formulating impactful research questions (PICO framework)
- Choosing the right study design (observational, interventional)
- Basics of biostatistics, sampling, and data visualization
- Structuring manuscripts (IMRaD format) for clarity and flow
- Best practices for referencing and plagiarism prevention



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### Who should attend?

- Postgraduate residents in emergency, internal medicine, or critical care
- Young faculty aiming to publish case reports, audits, or original studies
- First-time presenters at conferences (oral or poster)
- Any clinician aiming to contribute to medical literature

# PRE-CONFERENCE WORKSHOPS



## Ambulance & Prehospital Simulation Bootcamp

CALAMITAS is a live-action disaster simulation workshop tailored for paramedics, emergency responders, and hospital preparedness teams. The session will simulate large-scale calamity response, including on-ground triage, casualty evacuation, and hospital coordination during crisis events like explosions, building collapse, and toxic spills. Participants will learn structured disaster response through mock drills, communication chain walkthroughs, and real-time debriefing. This workshop fosters inter-agency collaboration and field decision-making in dynamic disaster zones.



**Dr Prabhu**

Emergency Physician  
Dept. of Emergency Medicine  
Meenakshi Mission Hospital &  
Research Centre, Madurai, India



**Friday, 5th Dec. 2025**



**1:30 pm to 5:00 pm**



**Hall - D, Meenakshi Mission Hospital &  
Research Centre, Madurai, India**

### Highlights:

- Golden hour & “Platinum 10 Minutes” resuscitation drills
- On-scene triage and trauma management
- Immobilization & extrication techniques
- Communication with receiving hospitals (handover protocol)
- Managing cardiac arrest en route
- Pediatric and geriatric prehospital emergencies

### Who should attend?

- Paramedics and EMTs
- Prehospital nurses
- Emergency physicians in ambulance services
- PGs in family/emergency/ community medicine
- Ambulance service trainers & program heads



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# PRE-CONFERENCE WORKSHOPS



## Fellowship Review Masterclass

A focused review session for doctors preparing for neurocritical fellowship exams. Covers emergency neuro cases, CT/MRI interpretation, brain death assessment, and viva strategies through real-world ICU simulations

An intensive toxicology exam workshop emphasizing toxidrome identification, antidote use, risk stratification, and MCQ/viva prep based on real-world poisoning emergencies..



**Dr. J. Nancy Saral Mary**  
Emergency Physician  
Dept. of Emergency Medicine  
Meenakshi Mission Hospital &  
Research Centre, Madurai, India



**Dr A.S. Manikandan**  
Dept. of Emergency Medicine  
Meenakshi Mission Hospital &  
Research Centre, Madurai, India



**Dr Sheema Kanmani**  
Emergency Physician  
Dept. of Emergency Medicine  
Meenakshi Mission Hospital &  
Research Centre, Madurai, India



**Friday, 5th Dec. 2025**



**1:30 pm to 5:00 pm**



**Hall - E, Meenakshi Mission Hospital &  
Research Centre, Madurai, India**

### Highlights:

- Clinical approach to seizures, coma, stroke & raised ICP with imaging pearls (CT/MRI)
- Brain death criteria, status epilepticus management, and ethical decision-making
- Recognition of toxidromes (OPC, ALP, snakebite, drugs) & antidote protocols
- Interpretation of ECG, ABG, and lab clues in poisoning and neuro emergencies
- Strategies for short-answer writing, clinical reasoning



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### Who should attend?

- Candidates appearing for fellowship exams
- PGs in Emergency Medicine, Internal Medicine, Forensic Medicine
- Practitioners in poison centers and critical care units
- Doctors involved in rural/industrial toxicology emergencies

• Enquiry: [info@wrc.org.in](mailto:info@wrc.org.in)

Phone: +91 99443 84994 | +91 73730 25257

[www.wrc.org.in](http://www.wrc.org.in)

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