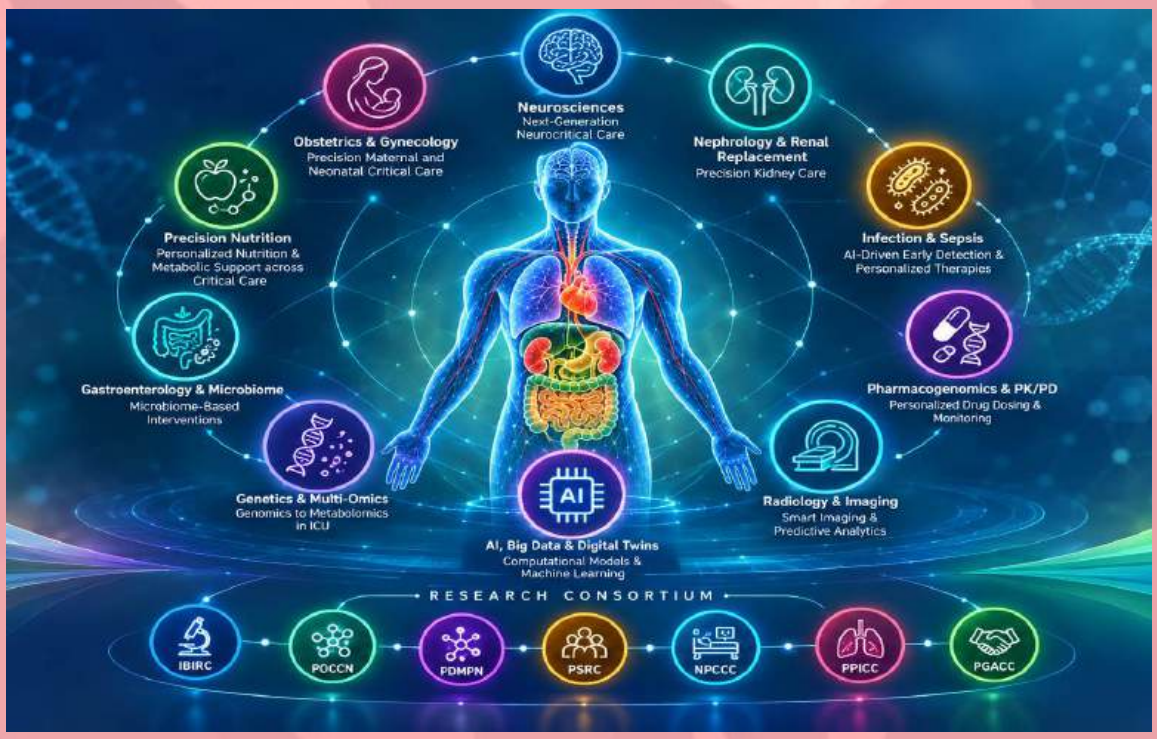
Precision Medicine and Intensive Care Conference-2026

3rd National Conference

Shaping the Future of Acute Care:
"Precision, Innovation, and Compassion"



Register Here

20, 21 and 22 November, 2026

Atal Bihari Vajpayee Scientific Convention Center,
King George's Medical University,
Lucknow, U.P., India.

ORGANIZING CHAIRPERSON

Prof. Abbas Ali Mahdi
Hon'ble Vice Chancellor.
Era University, Lucknow, U.P, India

ORGANIZING SECRETARY

Prof. Avinash Agrawal
Prof. & Head, Dept. of Critical Care Medicine,
KGMU, Lucknow, U.P., India.

Organized by:
Society of Precision Medicine and Intensive Care, Bharat &
Department of Critical Care Medicine,
King George's Medical University, Lucknow, Uttar Pradesh, India.
Register at: https://pmicsociety.org

PRECISION MEDICINE & INTENSIVE CARE CONFERENCE-2026

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Prof. Ravi Jain



Dr. Lokendra



Prof. Deepak V



Dr Suchna R Bhowmik



Prof. Zia Arshad



Prof. Akshay Anand



Dr. Ambuj Yadav



Dr. Jitendra Singh Chahar



Dr. V.R. Srivats



Dr. G. Shraddhanjali



Dr. K. Trimurthulu



Dr. Deenbandhu Prasad



Dr. Ujjwal B Yadav



Dr. Rahul Kanjilal



Dr. Krishnapriya Agrawal



Dr. Neeraj Kumar

PRECISION MEDICINE & INTENSIVE CARE CONFERENCE-2026

Overview of the Precision Medicine and Intensive Care Conference – 2026

Building on the success of PMIC-2025, the **Precision Medicine and Intensive Care Conference – 2026 (PMIC-2026)** will advance the mission of transforming Intensive Care through next-generation innovations. With the theme **"Shaping the Future of Acute Care: Precision, Innovation, and Compassion"**, this conference will spotlight how evolving technologies, personalized interventions, and multidisciplinary integration are reshaping critical care practices worldwide.

PMIC-2026 will emphasize not only the promise of emerging tools like Artificial Intelligence, Genomics, and Translational Research but also their real-world application in improving patient outcomes. The conference will serve as a platform for global experts, researchers, clinicians, and industry leaders to share insights, foster collaboration, and accelerate the translation of research into bedside practice.

The scientific sessions will focus on speciality-driven and cross-disciplinary themes, including:

Obstetrics & Gynecology: Precision Maternal and Neonatal Critical Care – AI, Biomarkers, and Predictive Tools for Safer Outcomes

Neurosciences: Next-Generation Neurocritical Care – Imaging, Targeted Interventions, and Digital Biomarkers

Nephrology & Renal Replacement: Precision Kidney Care – Genetics, Dialysis Personalization, and Advanced Therapeutics

Infection, Sepsis & Critical Infections: AI-Driven Early Detection, Personalized Therapies, and Adaptive Sepsis Management

POCT (Point-of-Care Testing): Next-Gen POCT Platforms for Rapid ICU Decision-Making

Pharmacogenomics & PK/PD: Personalized Drug Dosing, Monitoring, and Resistance Prediction in Critical Care

Radiology & Imaging: Smart Imaging and Predictive Analytics for Early Risk Stratification in ICU

Genetics & Multi-Omics: From Genomics to Proteomics and Metabolomics – Unlocking New Pathways for ICU Personalisation

AI, Big Data & Digital Twins: Leveraging Computational Models, Machine Learning, and Digital Twin Technology to Redefine ICU Care

Gastroenterology & Gut Microbiome: Microbiome-Based Interventions and Genomic Approaches in Critical Gastrointestinal Health

Precision Nutrition & Metabolic Support: Personalized Nutrition, Metabolic Monitoring, Biomarker-Guided Therapy, and AI-Driven Nutritional Strategies across Critical Care, with special focus on **Sepsis, Trauma & TBI, Neurocritical Care, AKI & RRT, ECMO, Burns, Obstetric, Pediatric & Neonatal Critical Care, Liver & Pancreatic Diseases, Oncology, ICU Recovery, Immunonutrition, and Microbiome-Based Nutrition.**

PMIC-2026 will be a hub for knowledge exchange, clinical innovation, and policy shaping, highlighting next-generation critical care strategies that bridge research, technology, and patient-centered practice. Together, we aim to chart the future of Intensive Care with precision as its core.

PRECISION MEDICINE & INTENSIVE CARE CONFERENCE-2026

Unleash Your Brilliance: Gain Global Recognition at PMIC-2026!

Showcase your research on a global stage at **PMIC-2026**, held in Lucknow, India, and gain recognition at one of the most prestigious conferences in precision medicine and intensive care.

Join a diverse community of faculty, scientists, students, scholars, industry experts, and healthcare professionals who are shaping the next generation of critical care. Your contributions to scientific, medical, and technological innovation will be acknowledged and celebrated at PMIC-2026.

As part of a global innovation movement, PMIC-2026 connects you with world experts, offering a unique platform for collaboration, learning, and breakthrough discoveries.

This dynamic conference ensures broad participation, accessibility, and flexibility for all attendees.

Join us at PMIC-2026-where precision harnesses the future of critical care!

- **Showcase your research.**
- **Gain global recognition in precision medicine and intensive care.**
- **Join leading scientists, clinicians, and industry pioneers.**
- **Network, collaborate, and innovate with healthcare professionals worldwide.**
- **Be part of PMIC-2026-where ideas transform outcomes in healthcare!**

PRECISION MEDICINE & INTENSIVE CARE CONFERENCE-2026

ANNUAL STRATEGIC BOARD MEETING-PMIC 2026

In association with PMIC-2026, the **Society of Precision Medicine and Intensive Care** is proud to announce the upcoming International Meeting, **PMIC-2026**. This meeting will provide a premier platform for clinicians, researchers, and basic scientists to unite for a common cause-**accelerating research and innovations to improve outcomes in acute and critical care.**

The central theme of PMIC-2026 will be:

"Next-Generation Critical Care: Harnessing Precision for Better Outcomes on Medicine."

Building on the success of 2025: Call for Leadership and Collaboration at PMIC-2026

Following the achievements of the 2025 Annual Strategic Board Meeting, we are delighted to announce the **Precision Medicine & Intensive Care Conference (PMIC-2026)**, organized by the Society of Precision Medicine and Intensive Care.

PMIC-2026 will build on the progress made in recent years, focusing on key collaborative initiatives, including the:

- **Indian Brain Injury Research Consortium (IBIRC)**
- **Precision Obstetric Critical Care Network (POCCN)**
- **Precision Drug Monitoring & Pharmacogenomics Network (PDMPN)**
- **Precision Sepsis Research Consortium (PSRC)**
- **Neuro Precision Critical Care Consortium (NPCCC)**
- **Personalization in Pediatric Intensive Care Consortium (PPICC)**
- **Personalized Genomics in Acute Care Consortium (PGACC)**

We invite you to continue your leadership and help shape these global initiatives. Your expertise and participation will drive innovation, strengthen collaboration, and ensure meaningful advances in acute and critical care.

Please confirm your participation by email to join us at the **Annual Strategic Board Meeting during PMIC-2026.** Together, we can advance the frontiers of precision medicine and transform the future of intensive care.

PRECISION MEDICINE & INTENSIVE CARE CONFERENCE-2026

Pre-Conference Workshop-2026

1 Ventilation Masterclass: Basics & Beyond

- Hands-on training in invasive and non-invasive ventilation strategies.
- Simulation of ARDS, COPD, and post-operative ventilation management.
- Use of advanced ventilator modes with real-time patient simulators.
- Troubleshooting alarms and optimizing patient–ventilator synchrony.

2 Point-of-Care Ultrasound (POCUS) Bootcamp

- Vascular access: ultrasound-guided central and peripheral line insertion.
- Cardiac POCUS: bedside echo for shock and fluid assessment.
- Lung ultrasound: diagnosing pneumothorax, effusion, ARDS.
- FAST (Focused Assessment with Sonography in Trauma) for emergency care.

3 Critical Care Nursing Skills

- Mechanical Ventilation Basics: Setup, monitoring, and troubleshooting common issues.
- Hemodynamic Monitoring: Use of invasive/non-invasive devices for fluid and vasopressor management.
- Infection Prevention & Care Bundles: Practical training on central line care, ventilator bundles, and sepsis protocols.
- Early Mobilization & Rehabilitation: Safe patient handling, mobilization techniques, and rehab planning.
- Digital Tools for Nurses: Use of bedside decision-support apps and monitoring dashboards.

4 Trauma & Emergency Simulation Lab

- Hands-on airway management, chest tube insertion, and damage control resuscitation.
- Trauma simulations with multidisciplinary team coordination.
- Ultrasound-guided trauma assessment (eFAST).
- Simulation of massive transfusion protocols and haemorrhage control.

5 Genomics at the Bedside: Rapid Molecular Diagnostics in Acute Care

- Hands-on molecular diagnostics in acute care Hands-on experience with Molecular Diagnostics (Nucleic Acid Extraction, PCR, Gel Electrophoresis, Real Time PCR, Digital PCR and Sequencing)
- Interpretation of genomic results (Pharmacogenomics) for personalized drug dosing.
- Linking genetic markers to acute care, pharmacogenomics and drug resistance.
- Bioinformatics crash-course for Acute Care.

PRECISION MEDICINE & INTENSIVE CARE CONFERENCE-2026

AWARDS

PMIC Excellence Awards

- **Lifetime Achievement Award**
- **Presidential Citation Award**
- **Young Investigator Award**

Research Awards (Oral & Poster Categories):

- **Basic Laboratory Sciences**
- **Medical & Allied**
- **Surgical & Allied**
- **Translational**
- **Critical Care Medicine**
- **Future Health Innovator Awards**

Best Research Publication of 2025-26

(Published between Jan 1, 2025–Aug 31, 2026)

Young Investigator Award

1. Clinical: Assistant/ Associate Professors/ Consultant/ Physicians/ Surgeons (with PG or higher degree, age <47 years as of 30th August 2026).

2. Basic Sciences: Scientists/ Consultants/ Assistant/ Associate Professors/ Post-Doctoral Fellow (with MD/PhD or higher degree, age <47 years as of 30th August 2026).

Future Health Innovator Awards: The best research Idea in translation health (bringing up the creativity and imagination of newer research and possibility with wings) provide a narrative description, including the type of innovation, its prototype ideas and how it will shape the future of precision medicine.

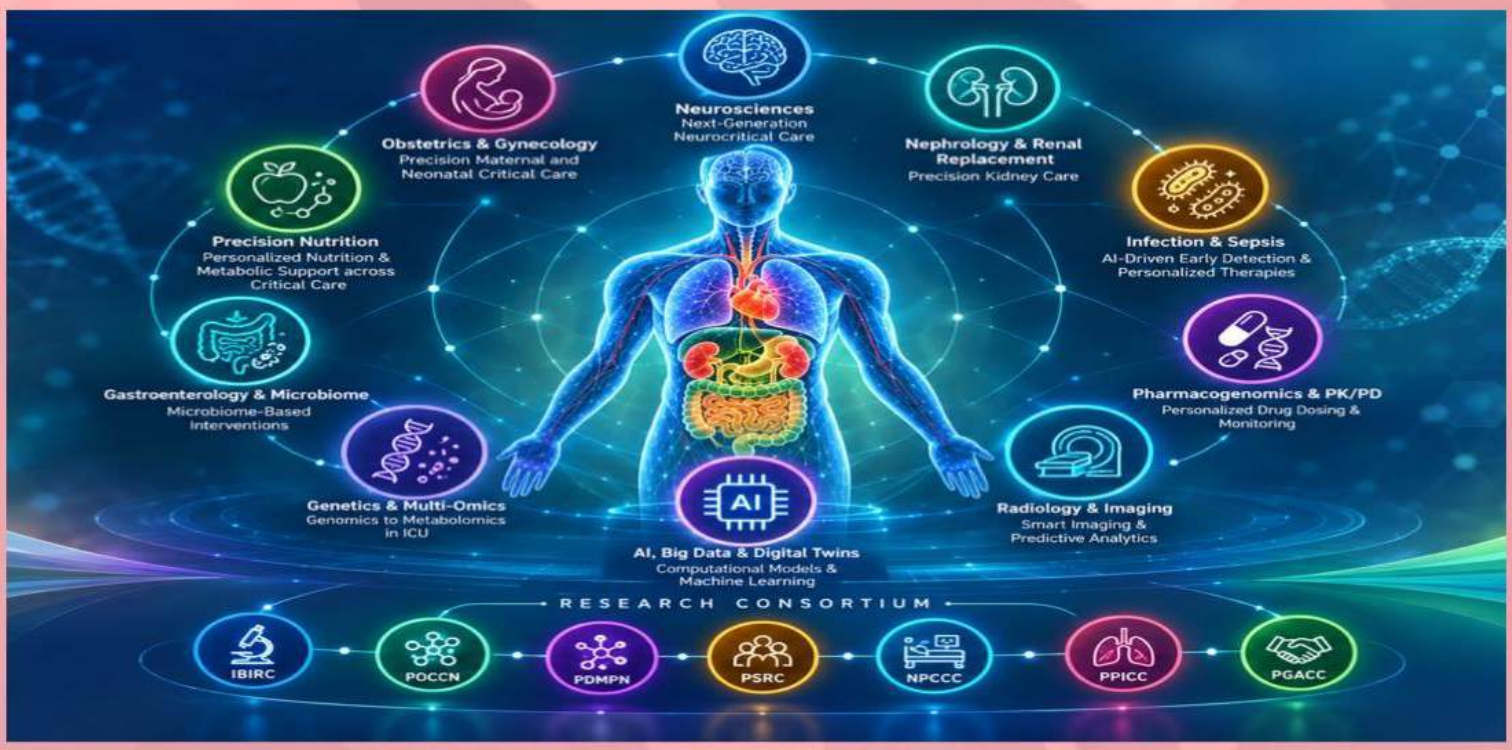
Conference Registration is Mandatory for applying to all award categories.

To apply for the Best Research Paper Award: Submit your abstract in the format given on the website.
To apply for Best Research Publication in 2025: Please submit your published paper in 2025-26.
To apply for Future Health Innovator Awards (Best Research Idea): Provide a narrative description, including type of innovation, its prototype ideas and how it will shape the future of precision medicine in intensive care units.
To apply for the Young Investigator award: Submit a one-page write-up showing your career journey and scientific achievements, and also submit a brief CV by emailing: secretarypmic@gmail.com, secretary@pmicsociety.org

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Precision Medicine and Intensive Care Conference-2026

21st November, 2026 (Saturday) - (CME- Day-1)			
Timings	**Topic**	**Speaker**	**Chairperson**
08:30 AM to 09:30 AM	**Dais/Oral Presentation of Selected Abstracts**		
Decoding Sepsis: From Pathogen Detection to Precision Treatment			
09:30 AM to 09:50 AM	**From culture to molecular: Next-generation infection diagnostics in the ICU**	**Dr Yash Javeri** Director- CCM and Emergency Medicine Regency Super Specialty Hospital - Lucknow, U.P., India	**Dr Vimala Venkatesh** Professor & Head, Dept of Microbiology, KGMU, Lucknow, India **Dr Vineeta Mittal** Professor, Dept of Microbiology, RMLIMS, Lucknow, India **Dr Mohan Gurjar** Professor, Dept of CCM, SGPGIMS, Lucknow, India. **Dr Zia Arshad** Professor, Dept of Anaesthesia & Critical Care, KGMU, Lucknow, India.
09:50 AM to 10:10 AM	**Host-response biomarkers & endotyping for personalized sepsis therapy**	**Dr Ganshyam Jagatkar** Director, Critical Care Medicover Hospitals, Hyderabad, Telangana, India	
10:10 AM to 10:30 AM	**Decoding Immune Dysregulation in Sepsis: Integrating Precision Medicine and Antimicrobial Stewardship**	**Dr Sumit Ray** Consultant & Head of Department, Critical Care Medicine & Medical Director Holy Family Hospital, Delhi, India	
10:30 AM to 10:40 AM	**Q & A**		
The Injured Brain: Precision Monitoring, Protection and Recovery			

Precision Medicine and Intensive Care Conference-2026

10:40 AM to 11:00 AM	**Next-generation multimodal neuromonitoring in the ICU**	**Dr. Ankur Luthra** Additional Professor Department of Anaesthesia and Intensive Care, Postgraduate Institute of Medical Education and Research (PGIMER), Chandigarh, INDIA	**Dr B K Ojha,** Professor & Head, Dept of Neurosurgery, KGMU, Lucknow, India **Dr Haider Abbas** Professor & Head, Dept of Emergency Medicine, KGMU, Lucknow, India **Dr Praveen K Sharma** Professor Dept of Neurology, Apollo Hospitals, Lucknow, India **Dr Ankur Sharma** Add. Professor Trauma and Emergency, AIIMS-Jodhpur, India
11:00AM to 11:20 AM	**Targeted neuroprotection: The role of precision medicine in acute brain injury**	**Dr. Ashish Bindra** Professor, Neuroanaesthesiology & Neurocritical Care AIIMS, New Delhi, INDIA	
11:20 AM to 11:40 AM	**Recent Advances in status epilepticus**	**Dr. Vivek Barun** Associate Chief & Head of Epilepsy, Department of Neurology, Artemis Hospital, Gurugram, Haryana, India.	
11:40 AM to 11:50 AM	**Q & A**		
Plenary session			
11:50 AM to 12:30 PM	**One Sepsis Many Phenotypes: Personalizing Early Resuscitation in Septic Shock**	**Prof. Sheila Nainan Myatra** Professor, Anaesthesia, Critical Care & Pain, Tata Memorial Centre, Mumbai	**Prof Anjoo Agrawal** Prof. & Head, Dept. of Obstetrics & Gynaecology, KGMU, Lucknow, India **Prof Abbas Ali Mahdi** Vice Chancellor, Era University, Lucknow, India

			Prof. Ved Prakash, Prof & Head, Dept. of Pulmonary & Critical Care Medicine, KGMU, Lucknow, India.
12:30 PM to 01:15 PM	**Inauguration Ceremony**		
01:15 PM to 02:00 PM	**Lunch**		
Panel Discussion			
02:00 PM to 03:00 PM	**From Phenotype to Precision: Clinical features, biomarkers & multiomics to guide patient-specific therapy** **Moderator:** **Dr Sai Saran PV** Associate Professor, SGPGIMS, Lucknow, India		**Prof. Swasti Tiwari** Prof & Head, Dept. of Molecular Medicine, SGPGIMS, Lucknow, India. **Prof. Kausik Mandal** Prof & Head, Dept. of Medical Genetics, SGPGIMS, Lucknow, India. **Dr Sumit Ray** Consultant & Head of Department, Critical Care Medicine & Medical Director Holy Family Hospital, Delhi, India **Dr Yash Javeri** Director- CCM and Emergency Medicine Regency Super Specialty Hospital - Lucknow, U.P., India **Dr Namrata Rao** Addl Professor, Dept of Nephrology, RMLIMS, Lucknow, India
The Hidden Determinants of Critical Illness: Microbiome, Nutrition and Precision Drug Therapy			

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03:00 PM to 03: 20 PM	**Antimicrobial PK/PD: maximizing efficiency & minimizing resistance**	**Dr Rajesh Mishra** Sr. Consultant - Intensivist & Internist Sterling Hospitals, Gurukul, Ahmedabad, Gujarat, India	**Prof R.K. Dixit** Prof. & Head, Dept of Pharmacology & Therapeutics, KGMU, Lucknow, India **Dr S.C Choudhary** Professor, Dept of Medicine, KGMU, Lucknow, India **Dr Rajnish Kumar Chaturvedi** Senior Principal Scientist Systems Toxicology & Health Risk, IITR, Lucknow, India **Dr Abhai Verma** Consultant, Dept. of Gastroenterology Medanta, Lucknow, India
03:20 PM to 03:40 PM	**Personalized nutrition in ICU: Biomarker-guided therapy**	**Dr Madhusudan Jaju** Senior Consultant; HOD - Critical Care Medicine, Yashoda Hospitals, Secunderabad, Hyderabad, India	
03:40 PM to 04:00 PM	**Gut microbiome in critical illness - Therapeutic implications: The Septic Gut: how to Prevent Intestinal Failure in the ICU?**	**Dr Craig Coopersmith** Past President, Society of Critical Care Medicine, USA. Emory University, USA	
04:00 PM to 04:10 PM	**Q & A**		
The Intelligent ICU: Artificial Intelligence, Predictive Analytics and Digital Twins			
04:10 PM to 04:30 PM	**Clinical AI in the ICU: From algorithm to implementation**	**Dr Srinivas Samavedam** Senior Consultant, Critical Care Medicine, Sindhu Hospital, Telangana, India	**Dr Anit Parihar** Professor & Head, Dept of Radiodiagnosis, KGMU, Lucknow, India. **Dr Anil K Gupta** Professor & Head, Dept of PMR, KGMU, Lucknow, India **Dr Shalini Gupta**, Professor & Head
04:30 PM to 04:50 PM	**From Sepsis Alerts to AI Copilots: Where AI Meets Clinical Reality**	**Dr. Yasir Tarabichi** Executive Medical Director, AI and Digital, Cleveland Clinic, Abu Dhabi.	

			Dept of Oral Pathology & Microbiology, KGMU, Lucknow, India.
04:50 PM to 05:00 PM	**Q & A**		

22nd November, 2026 (Sunday) - (CME-Day-2)			
Timings	**Topic**	**Speaker**	**Chairperson**
08:30 AM to 09:30 AM	**Dais/Oral Presentation of Selected Abstracts**		
Renal Rescue: Personalizing Organ Support and Fluid Management in Critical Illness			
09:30 AM to 09:50 AM	**Beyond Renal Replacement: CRRT as a Comprehensive Organ Support Strategy**	**Dr Ranajit Chatterjee** CMO-CAG, Head, Department of Critical Care Swami Dayanand Hospital, Delhi, India.	**Dr Anupma Kaul** Professor, Dept of Nephrology, SGPGIMS, Lucknow, India **Dr Kausar Usman** Professor, Dept of Medicine, KGMU, Lucknow, India **Dr Deepak Deewan** Director Nephrology, Regency Hospital, Lucknow, India **Dr Namrata Rao** Addl Professor, Dept of Nephrology, RMLIMS, Lucknow, India
09:50 AM to 10:10 AM	**Weaning from RRT and de-resuscitation in ICU**	**Dr Tapas Shahu** Associate Director & Head, Institute of Critical Care & Anaesthesiology, Medanta Hospital, Ranchi, Jharkhand, India	
10:10 AM to 10:30 AM	**Hemadsorption in ICU and the related therapies**	**Dr Gunjan Chanchalani** Director, Critical Care, Wockhardt Hospital, Mumbai, India	
10:30 AM to 10:40 AM	**Q & A**		
Saving Two Lives: Precision Approaches to Maternal Critical Care			

Precision Medicine and Intensive Care Conference-2026

10:40 AM to 11:00 AM	**Precision Management of Obstetric haemorrhage: Viscoelastic guided resuscitation (TEG/ROTEM)**	**Dr Shuchi Agrawal** Professor (Additional), Department of Obstetric & Gynaecology King George's Medical University, Lucknow, India.	**Dr Abha Chandra** Dean, Integral University, Lucknow, India **Dr Nitu Singh** Prof. & Head, Dept. of Obstetrics & Gynaecology, RMLIMS, Lucknow, India **Dr Monica Agrawal,** Professor, Dept. of Obstetrics & Gynaecology, KGMU, Lucknow, India. **Dr Gaurav Chaudhary,** Professor, Dept. of Cardiology, KGMU, Lucknow, India.
11:00 AM to 11:20 AM	**Acute Liver failure in obstetric patients**	**Dr Gunchan Paul** Professor Department of Critical Care Medicine, Dayanand Medical College and Hospital, Ludhiana, Punjab, India.	
11:20 AM to 11:40 AM	**Heart failure in obstetric patients**	**Dr Kaladhar Sheshala** Senior Consultant and HOD, Critical Care Medicine, Yashoda Hospital, Malakpet, Hyderabad, India	
11:40 AM to 11:50 AM	**Q & A**		
Beyond the Ventilator: Precision Respiratory Support and Lung Protection			
11:50 AM to 12:10 PM	**ARDS phenotyping: Beyond Berlin - Biomarkers & ventilation**	**Dr Deven Juneja** Director, Critical Care, Max Super Speciality Hospital, Saket, Delhi, India	**Dr Ajay Verma** Professor & Head, Dept of Respiratory Medicine, RMLIMS, Lucknow, India **Dr Somnath Logani** Professor, Dept of Anaesthesiology, HIMS, Barabanki, U.P., India **Dr Anil Verma,** Professor & Head,
12:10 PM to 12:30 PM	**Understanding VILI through mechanical power & transpulmonary pressure**	**Dr Harish Mallapuram** Intensive Care Physician and Infectious Disease Specialist; Director, Institute of Critical Care Medicine, Kauvery Hospital – Marathahalli, Bangalore, India	

Precision Medicine and Intensive Care Conference-2026

12:30 PM to 12:40 PM	**Q & A**	Dept of Anaesthesiology, GSVM, Kanpur, India
Panel Discussion		
12:40 PM to 01:20 PM	**ECMO in Critical Care: From Rescue Therapy to Advanced Organ Support** **Moderator:** Dr V. R. Srivats Consultant, Critical Care Medicine, Coimbatore, India	**Dr Kaladhar Sheshala** Senior Consultant and HOD, Critical Care Medicine, Yashoda Hospital, Malakpet, Hyderabad, India **Dr Madhusudan Jaju** Senior Consultant; HOD - Critical Care Medicine, Yashoda Hospitals, Secunderabad, Hyderabad, India **Dr V S Pavan Kumar** Sr Consultant & HOD, Critical Care Apollo Hospital, Financial District, Hyderabad, India **Dr Chinmoy Panda** Additional Professor, Department of Anaesthesia & Critical Care, AIIMS-Raipur, India
01:20 PM to 02:00 PM	**LUNCH**	
The Right Drug, The Right Dose: Precision Pharmacology at the Bedside		
02: 00 PM to 02:20 PM	**When standard doses fail: Pharmacogenomics & Precision Pharmacology in Acute Care**	**Dr. Shoban Babu Varthy** Additional Professor, Dept. of Pharmacology, AIIMS-Jodhpur, Rajasthan, India
02: 20 PM to 02:40 PM	**Therapeutic Drug Monitoring (TDM): The future of individualised drug dosing in ICU**	**Mr Mark Ritchie** Sr, Manager, Application Specialist, LC/MS-MS, Waters, U.K.

Prof. S.P. Verma
Prof., & Head,
Dept of Clinical Haematology,
KGMU, Lucknow, India

Dr Arpita Singh
Professor & Head,
Dept of Pharmacology
RMLIMS, Lucknow, India.

Dr Md Kaleem Ahamad

Precision Medicine and Intensive Care Conference-2026

02: 40 PM to 02:50 PM	**Q & A**		Professor, Dept of Biochemistry KGMU, Lucknow, India. **Dr Kapil Rastogi** Professor, Anaesthesia and Critical Care, IIMSR, Lucknow
Every Second Counts: Precision Decisions in Emergency, Trauma and Neurological Emergencies			
02:50 PM to 03:10 PM	**Trauma resuscitation in 2026: when to start, how to do & when to stop**	**Dr V S Pavan Kumar** Sr Consultant & HOD, Critical Care Apollo Hospital, Financial District, Hyderabad, India	**Dr Vikash Srivastava,** Prof & Head, Dept of Anaesthesia & Critical Care, Command Hospital, Lucknow, India **Dr S.N. Gupta** Professor, Dept of Emergency Medicine, GSVM Kanpur, India **Dr O.P. Sanjeev** Additional Professor, Dept of Emergency Medicine, SGPGIMS, Lucknow, India
03:10 PM to 03:30 PM	**Hyperacute Management of ischemic stroke**	**Dr. Swansu Batra** Consultant, Department of Neurology, Health City Vistar, Lucknow, U.P., India	
03:30 PM to 03:50 PM	**Recent advances in snakebite management**	**Dr Kiran Varma** Director Emergency Medicine, CARE Hospitals Andhra Pradesh, India	
03:50 PM to 04:00 PM	**Q & A**		
04:00 PM to 04:30 PM	***Valedictory Function*, Felicitation and Prize distribution Ceremony**		
04:30 PM	**Vote of Thanks**		

PRECISION MEDICINE & INTENSIVE CARE CONFERENCE-2026

3rd National Conference

Theme: Shaping the Future of Acute Care: "Precision, Innovation, and Compassion"

Pre-Conference WORKSHOP

Ventilation Masterclass: Basics & Beyond



20, 21 and 22 November, 2026

Kalam Centre, King George's Medical University, Lucknow, U.P., India.

ORGANIZING SECRETARY

Prof. Avinash Agrawal
Prof. & Head, Dept. of Critical Care Medicine,
KGMU, Lucknow, U.P., India.

COURSE DIRECTOR

Dr Suhail S. Siddiqui
Addl. Professor, Dept. of Critical Care Medicine,
KGMU, Lucknow, U.P., India.

COORDINATOR

Dr Rahul Kanjilal
Assistant Professor, Dept. of Critical Care Medicine,
KGMU, Lucknow, U.P., India.

Register Here

Organized by:
Society of Precision Medicine and Intensive Care, Bharat &
Department of Critical Care Medicine,
King George's Medical University, Lucknow, Uttar Pradesh, India.
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PRECISION MEDICINE & INTENSIVE CARE CONFERENCE-2026

Workshop-1 - Ventilation Master Class: Basics & Beyond		
TIME	**TOPIC**	**SPEAKER / FACULTY**
08:30 – 09:00 AM	**REGISTRATION**	
09:00 – 09:10 AM	**INTRODUCTION & WELCOME NOTE**	**Dr Suhail S Siddiqui**
SESSION 1 — Fundamentals of Mechanical Ventilation		
09:10 – 09:30 AM	**Evolution of Mechanical Ventilator**	**Dr Nitin Jain**
09:30 – 09:50 AM	**Understanding Fundamental Terms: Volume, Flow, Pressure, Resistance & Compliance**	**Dr Farrukh Ansari**
09:50 – 10:20 AM	**Basic Modes of Ventilation (including NIV)**	**Dr Anil Verma**
10:20 – 10:40 AM	**Ventilator Waveforms: Scalars & Loops**	**Dr Chinmaya Panda**
10:40 – 11:00 AM | Tea Break		
11:00 AM – 01:15 PM *(45 mins each)*	**HANDS-ON WORKSTATIONS**	
Workstation-1	**Initiation of Mechanical Ventilation (Connection, Self-test, Mode Selection)**	***Dr Anil Verma/ Dr Jitendra Chahar/ Dr Neeraj Kumar***
Workstation-2	**Understanding the Screen Display: Graphics, Numerical & Scalars**	***Dr Hemant Kumar/Dr Shashank Tiwari/Dr Pratibha Sahoo***
Workstation-3	**Troubleshooting Mechanical Ventilation: Data Interpretation (Case-based)**	***Dr O P Sanjeev/Dr Ankit/Dr Sachin***
01:15 – 02:00 PM | Lunch Break		
SESSION 2 — Advanced Ventilation Concepts		
02:00 – 02:20 PM	**Physiology of Proning**	**Dr Soumya Sankar Nath**
02:20 – 02:50 PM	**Advanced Mode of Mechanical Ventilation (ASV), Intellivent ASV etc. and Transpulmonary Pressure (TPP)**	**Dr Raghavendra Vagyannavar**
02:50 – 03:10 PM	**Weaning from Mechanical Ventilation**	**Dr Tanmoy Ghatak**
03:10 – 03:25 PM | Tea Break		
03:25 – 04:10 PM (All groups together)	**SIMULATION BASED WORKSTATION: MECHANICAL VENTILATION IN AECOPD**	**Dr Nitin Jain/Dr Suhail S Siddiqui/ Dr Rati Prabha/ Dr Raghvendra V**
04:10 – 05:40 PM *(30 mins each)*	**HANDS-ON WORKSTATIONS**	
Workstation-4	**ASV, TPP, PAV (Case based)**	***Dr S S Nath/Dr Rahul Kanjilal/ Dr Arif/Dr Hashir***
Workstation-5	**Mechanical Ventilation In Special Situations: ARDS, Cardiogenic Shock, Acute Brain Injury, Metabolic Acidosis, (Case Based)**	***Dr Chinmaya Panda/ Dr Indubala/Dr Amit Kumar/Dr Vidushi kulshreshtha***
Workstation-6	**SBT AND WEANING (Case based)**	***Dr Tanmoy Ghatak/Dr Suraj/Dr Jyoti Bajpai***
05:40 – 06:00 PM	**Closing Remarks & Felicitation of Delegates**	

Thank you for participating in PMIC-2026 Mechanical Ventilation Workshop!

PRECISION MEDICINE & INTENSIVE CARE CONFERENCE-2026

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Assistant Professor, Dept. of Critical Care Medicine,
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PRECISION MEDICINE & INTENSIVE CARE CONFERENCE-2026

PMIC-2026 — POCUS Workshop
Point-of-Care Ultrasound in Critical Care
Date: **20 November 2026** | Venue: **Kalam Centre, KGMU, Lucknow**

TIME	TOPIC	SPEAKER / FACULTY
08:30 – 09:00 AM	**REGISTRATION**	
SESSION 1 — Cardiac & Haemodynamic POCUS		
09:00 – 09:25 AM	**Basics of Ultrasound, Knobology & Image Acquisition**	**Dr P K Das** *Professor & Head, Dept of Anaesthesiology* *RMLIMS, Lucknow*
09:25 – 09:50 AM	**Assessment of Left Ventricle**	**Dr Puneet Goyal** *Professor, Dept of Anaesthesiology* *SGPGIMS, Lucknow*
09:50 – 10:15 AM	**Assessment of Right Ventricle**	**Dr Sai Saran** *Associate Professor, Dept of CCM* *SGPGIMS, Lucknow*
10:15 – 10:45 AM	**Approach to Shock in ICU**	**Dr Vivek Kumar** *Prof & Head, Dept of CCM* *Symbiosis Women Medical College, Pune*
10:45 – 11:15 AM	**Fluid Assessment with POCUS**	**Dr Nitin Rai** *Director, Dept of CCM* *Health City Vistaar, Lucknow*
11:15 – 11:30 AM | Tea Break		
11:30 AM – 01:30 PM *(30 mins each station)*	**HANDS-ON WORKSTATIONS**	
WS-1	**Basic ECHO Views**	***Dr Puneet Goyal · Dr Arnavjyoti Das · Dr Ashish Jain***
WS-2	**Fluid Assessment**	***Dr Nitin Rai · Dr Ujjwal Yadav · Dr Ghanshyam Jagatkhar***
WS-3	**Approach to Shock**	***Dr Vivek Kumar · Dr Krishnapriya Agrawal · Dr Arun Raj Pandey***
01:30 – 02:00 PM | Lunch Break		
SESSION 2 — Extended POCUS: Lung, Abdomen, Vascular & Neurocritical Care		
02:00 – 02:25 PM	**Lung USG & Diaphragm Assessment**	**Dr Ashish Bindra** *Professor, Dept of Neuroanesthesiology* *AIIMS, New Delhi*
02:25 – 02:55 PM	**Focused USG Abdomen for ICU (including FAST / eFAST)**	**Dr Surya Pratap Singh** *Assistant Professor, Dept of Radiodiagnosis* *KGMU, Lucknow*
02:55 – 03:15 PM	**Vascular Assessment in ICU**	**Dr Madhulika Dubey** *Assistant Professor, Dept of CCM* *Kalyan Singh Super Specialty Cancer Institute, Lucknow*
03:15 – 03:45 PM	**POCUS in Neurocritical Care**	**Dr Ankur Luthra** *Additional Professor, Dept of Anaesthesiology* *PGIMER, Chandigarh*
03:45 – 05:45 PM *(30 mins each station)*	**HANDS-ON WORKSTATIONS**	
WS-1	**Lung USG & Diaphragm Assessment**	***Dr Ashish Bindra · Dr Ambuj Yadav***
WS-2	**Focused USG Abdomen for ICU (FAST / eFAST)**	**Dr Surya Pratap Singh** · ***Dr Arnavjyoti Das***
WS-3	**Vascular Assessment in ICU**	***Dr Madhulika Dubey · Dr Ujjwal Yadav***
WS-4	**POCUS in Neurocritical Care**	***Dr Ankur Luthra · Dr Nikhil Kothari***
Thank you for participating in PMIC-2026 POCUS Workshop!		

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WORKSHOP



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COURSE DIRECTOR

Dr Sulekha Saxena
Add. Professor, Dept. of Critical Care Medicine,
KGMU, Lucknow, U.P., India.

COURSE COORDINATOR

Dr. Suchna Roy Bhowmik, Dr. Priscilla Samson, Prof. Annapurna Reddy, Dr. Radha K.,
Dr. Raj Amit Singh, Dr. Sushmita Sil, Prof. Shiv Kumar Mudgal, Prof. Tulika Shrivastava,
Dr. Lubna, Dr. Prince Pappy, Dr. Ashish Kumar, Dr. Sherin P K, Dr. Deen Bandhu Prasad,
Dr. Amit Shrivastava, Dr. Arun Ahiwar

COURSE CO-COORDINATOR

Dr. Deepak P., Dr. Surenttharraj

Register Here

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PRECISION MEDICINE & INTENSIVE CARE CONFERENCE-2026

Time	Session / Topic	Speaker / Lead	Chairperson
08:30 – 09:00 AM **Registration & Welcome Tea**			
09:00 – 09:15 AM	**Welcome Address & Workshop Overview: The Changing Role of the Critical Care Nurse in Precision ICU Care**		
MODULE 1 — MECHANICAL VENTILATION: SETUP, MONITORING & TROUBLESHOOTING			
09:15 – 09:35 AM	Mechanical Ventilation Basics: Modes, Settings & Initial Ventilator Setup	Dr Ashish Jain	Prof. Zia Arshad Dr. Ravi Prakash Dr. Suchana Roy Bhoumik
09:35 – 09:55 AM	Ventilator Monitoring at the Bedside: Waveforms, Alarms & Troubleshooting Common Problems	Dr Rajiv Gupta	Dr. Ajay Chaudhary
MODULE 2 — HAEMODYNAMIC MONITORING, SHOCK & VASOPRESSOR MANAGEMENT			
10:00 – 10:20 AM	Hemodynamic Monitoring: From Blood Pressure to Advanced Monitoring	Dr Divya Srivastava	Prof. Shilpi Prof. Sujeet Prof. Manoj Tripathi Dr. Shiv Kumar Mudgal Prof. Phairembam Jogita Chanu
10:20 – 10:40 AM	Fluid Responsiveness, Vasopressors & Shock: What the ICU Nurse Needs to Know	Dr Amit Anand	
10:40 – 11:00 AM Tea / Coffee Break			
MODULE 3 — INFECTION PREVENTION, CARE BUNDLES & SEPSIS MANAGEMENT			
11:00 AM – 11:20 AM	Infection Prevention & Care Bundles: Central Line, Urinary Catheter & Ventilator Care	Dr Monica Kohli	Prof. Dinesh Kaushal Prof. Vineeta Singh Dr. Annapurna C. Reddy Dr. Sushmita Sil Prof. Tulika Srivastava
11:20 AM – 11:40 PM	Sepsis at the Bedside: Early Recognition, Sepsis Bundles & Time-Critical Nursing Actions	Dr Sanjay Singhal	
HANDS-ON SKILL STATIONS 1st, 2nd and 3rd - CRITICAL CARE NURSING IN ACTION (11:40 – 1:00 PM)			
Station 1	Ventilator Setup, Monitoring & Alarm Troubleshooting	Mr. Tridev Mr. Yogesh	Dr. Amit Shrivastav Dr. Arun Ahirwar
Station 2	Hemodynamic Monitoring & Vasopressor Titration	Mr. Wajid Altaf Ms. Surabhi Singh	Dr. Pawan Rai Dr. Akshat Trivedi
Station 3	Central Line & Ventilator Bundle Demonstration	Mrs. Sunita Singh Mrs. Kriti Verma Ms. Akanksha Shahi	Dr. Komal Paswan Dr. Deepak P. Dr. Raj Amit Singh
01:00 – 02:00 PM **Lunch Break**			

PRECISION MEDICINE & INTENSIVE CARE CONFERENCE-2026

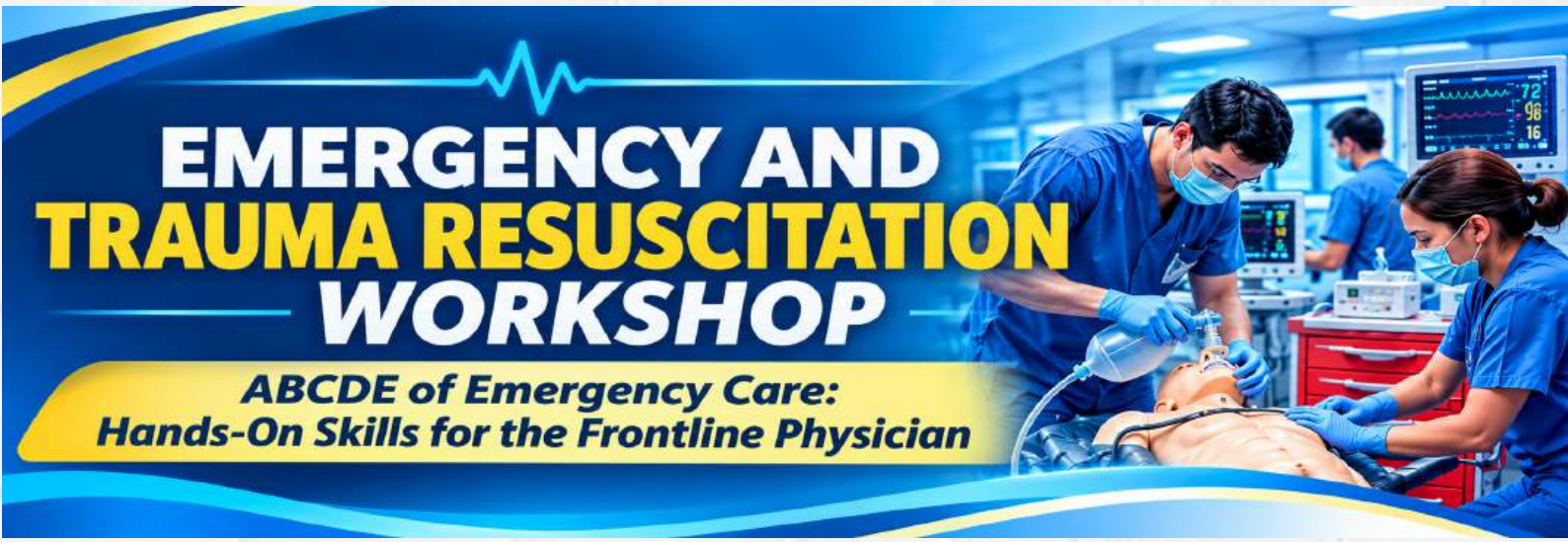
Time	Session / Topic	Speaker / Lead	Chairperson
MODULE 4 — ICU REHABILITATION, DIGITAL TOOLS & PRECISION NURSING			
02:00 – 02:20 PM	Step by Step Approach to Arterial Blood Gas Analysis	Dr Arun Ahirwar	Prof. Hemlata Dr. Soumik Banerjee Dr. Arti Srivastava Dr. Nipin Kalal Ms. Eram Ansari
02:20 – 02:40 PM	Step by Step Approach to Electrocardiogram	Dr Nadeem	
02:40 – 03:00 PM	Approach to Cardiac Arrest AHA -BLS guidelines 2025	Dr Mamta Harzai	
MODULE 5 — ICU REHABILITATION & PRECISION NURSING			
03:00 – 03:20 PM	Early Mobilization in the ICU: When, Why & How to Mobilize Safely	Dr Rashmi P John	Prof. Dinesh Singh Dr Nitu Nigam Dr. Radha Dr. Lubna
03:20 – 03:40 PM	ICU Rehabilitation: Delirium, Weakness, Nutrition & Discharge-Oriented Care	Dr Amit Srivastava	
03:40 – 04:00 PM **Tea / Coffee Break**			
HANDS-ON SKILL STATIONS — CRITICAL CARE NURSING IN ACTION (04:00 – 05:00 PM)			
Station 4	Step by Step Approach to Arterial Blood Gas Analysis	Mr. Subin S. Ms. Shristi Gupta	Dr. Prakriti Shukla Dr. Ashish Kumar
Station 5	Step by Step Approach to Electrocardiogram	Mr. Bhupendra Singh Yadav Mr. Kuldeep Yadav	Dr. Utsav Mani Dr. Neha Shrivastav Dr. Prince Pappy
Station 6	Approach to Cardiac Arrest AHA -BLS guidelines 2025	Ms. Supriya Rai Mr. Sameer Sanjay Ms. Abha Ms. Poonam	Dr. Anshu Dr. Anita Singh Dr. Surentharraj
05:00 – 06:15 PM	**Case-Based Panel: "The First Hour of the Deteriorating ICU Patient"**	Multidisciplinary Panel	
06:15 – 06:30 PM Key Takeaways, Closing Remarks & Certificate Distribution			

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Precision Medicine Unit, Dept. of CCM, KGMU, Lucknow, U.P., India.

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COURSE DIRECTOR

Dr Haider Abbas
Professor & Head, Dept. of Emergency Medicine
KGMU, Lucknow, U.P., India.

COORDINATOR

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COORDINATOR

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PRECISION MEDICINE & INTENSIVE CARE CONFERENCE-2026

Date: 20th November 2026 (Friday)	**Venue:** Kalam Centre, KGMU, Lucknow	**Organised by:** Department Of Emergency Medicine , KGMU

TIME	SESSION	SPEAKER / LEAD
09:00 AM – 09:15 AM | Registration & Welcome Note		
MORNING DIDACTIC SESSIONS — ABCDE Framework of Emergency care and Trauma		
09:15 – 09:30 AM	**Introduction to Emergency Medicine and Trauma in ED**	**Dr Shefali Sharma** Clinical Director Emergency Medicine, Dr KNS Hospital, Lucknow
09:30 – 09:45 AM	**Emergency Airway**	**Dr Nikhil Kothari** Professor Department of Anaesthesiology AIIMS , Jodhpur
09:45 – 10:00 AM	**Respiratory Threats in Emergency & Trauma**	**Dr Utsav Anand Mani Tripathi** Assistant Professor Department of Emergency Medicine SGPGI, Lucknow
10:00 – 10:15 AM	**Assessment of Shock in Emergency & Trauma**	**Dr Ashish Jain** Professor and Head Director Critical Care MGM , Jaipur
10:15 – 10:30 AM	**Disability Assessment in ED**	**Dr Zainab Mehdi** Assistant Professor Department of Emergency Medicine AIIMS Raibareli
10:30 – 10:45 AM	**Exposure: Basics of Exposure & Environment**	**Dr Sarvesh Nath Tripathi** Consultant Critical Care , Lucknow
10:45 AM – 11:00 AM | Tea Break		

PRECISION MEDICINE & INTENSIVE CARE CONFERENCE-2026

HANDS-ON WORKSHOP FACULTY

1. **Dr Nikhil Kothari** [Professor, Department of Anaesthesiology, AIIMS , Jodhpur]
2. **Dr Ashish Jain** [Professor and Head, Director Critical Care MGM , Jaipur]
3. **Dr Mustahsin Malik** [Professor and Head, Critical Care Medicine Era's medical university , Lucknow]
4. **Dr Premraj Singh** [Professor, Department of Anesthesiology, King George's Medical University UP, Lucknow]
5. **Dr Zainab Mehdi** [Assistant Professor , Department of Emergency Medicine ,AIIMS Raibareli]
6. **Dr Utsav Anand Mani Tripathi**[Assistant Professor, Dept.of Emergency Med, SGPGI, Lucknow]
7. **Dr Shefali Sharma** [Clinical Director, Emergency Medicine, Dr KNS Hospital, Lucknow]
8. **Dr Alok Kumar** [Assistant Professor, Emergency Medicine, AIIMS , Gorakhpur]
9. **Dr Sarvesh Nath Tripathi** [Consultant, Critical Care , Lucknow]

Time Slot	Group A	Group B	Group C	Group D	Group E
11:00 – 11:45 AM	**Station 1** Emergency Airway Management — Basic & Advanced	**Station 2** Respiratory Threats: Assessment & Interventions	**Station 3** Comprehensive Management of Haemorrhage & Shock	**Station 4** Disability: Evaluation & Management	**Station 5** Exposure to Save — Hidden Injury & Hypothermia and Hyperthermia
11:45 AM – 12:30 PM	**Station 2** Respiratory Threats: Assessment & Interventions	**Station 3** Comprehensive Management of Haemorrhage & Shock	**Station 4** Disability: Evaluation & Management	**Station 5** Exposure to Save — Hidden Injury & Hypothermia and Hyperthermia	**Station 1** Emergency Airway Management — Basic & Advanced
12:30 PM – 1:15 PM	**Station 3** Comprehensive Management of Haemorrhage & Shock	**Station 4** Disability: Evaluation & Management	**Station 5** Exposure to Save — Hidden Injury & Hypothermia and Hyperthermia	**Station 1** Emergency Airway Management — Basic & Advanced	**Station 2** Respiratory Threats: Assessment & Interventions
1:15 PM – 2:00 PM | Lunch Break					
2:00 – 2:45 PM	**Station 4** Disability: Evaluation & Management	**Station 5** Exposure to Save — Hidden Injury & Hypothermia and Hyperthermia	**Station 1** Emergency Airway Management — Basic & Advanced	**Station 2** Respiratory Threats: Assessment & Interventions	**Station 3** Comprehensive Management of Haemorrhage & Shock
2:45 – 3:30 PM	**Station 5** Exposure to Save — Hidden Injury & Hypothermia and Hyperthermia	**Station 1** Emergency Airway Management — Basic & Advanced	**Station 2** Respiratory Threats: Assessment & Interventions	**Station 3** Comprehensive Management of Haemorrhage & Shock	**Station 4** Disability: Evaluation & Management

3:30 PM – 4:30 PM | PANEL DISCUSSION

"GOLDEN HOUR IN EMERGENCY MEDICINE: RACE AGAINST TIME"

Prof. Avinash Aggarwal , Prof. Haider Abbas , Prof. Nikhil Kothari, Prof. Premraj Singh, Dr Mukesh Kumar , Dr Zainab Mehndi, Dr Utsav Anand Mani Tripathi , Dr Shefali Sharma, Dr Deen Bandhu Prasad

Moderator – Dr Pooja Gautam [Department of Emergency Medicine , KGMU, Lucknow]

4:30 PM – 5:00 PM | Questions, Answers & Feedback

Who Should Attend?

- Emergency Medicine Physicians and Trauma Surgeons
- Critical Care Physicians and Intensivists
- Anaesthesiologists and Perioperative Physicians
- General Physicians and Surgeons in emergency settings
- MD, MS, DNB, DM residents and PG students
- Paramedical and nursing staff in emergency departments

"From First Response to Resuscitation: Master the Golden Hour."

Society of Precision Medicine and Intensive Care (PMIC), Bharat | Department of Emergency Medicine, KGMU, Lucknow

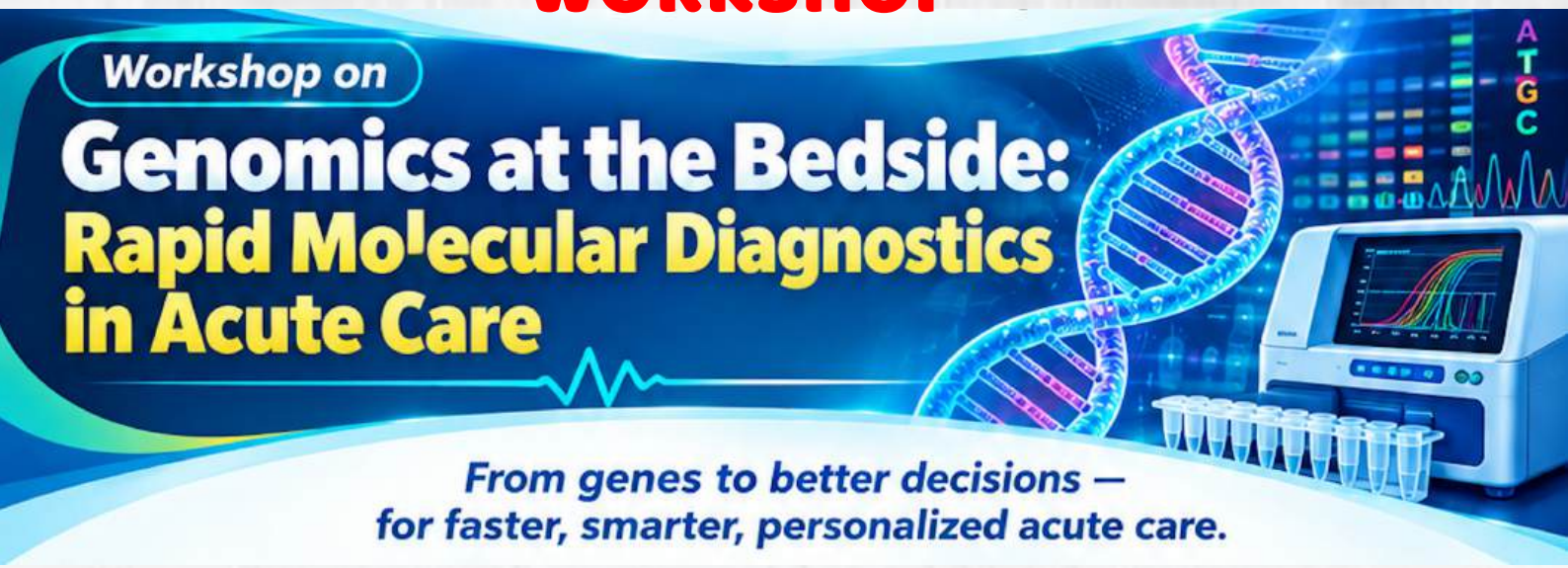
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PRECISION MEDICINE & INTENSIVE CARE CONFERENCE-2026

3rd National Conference

Theme: Shaping the Future of Acute Care:
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WORKSHOP



Date: 20 November, 2026

Venue: Precision Medicine Unit, Dept. of CCM, Trauma Centre, 5th floor, KGMU, Lucknow, U.P., India.

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COURSE DIRECTOR

Dr Shivanjali Raghuvanshi
Additional Professor, Dept. of Pathology,
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COURSE DIRECTOR

Dr Shantanu Prakash
Asst. Professor, Precision Medicine Unit,
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PRECISION MEDICINE & INTENSIVE CARE CONFERENCE-2026

PMIC-2026 - Molecular Diagnostics Workshop
Precision Medicine and Intensive Care | KGMU, Lucknow

08:30 - 09:00 AM | REGISTRATION & WELCOME

TIME	TOPIC	SPEAKER / FACULTY	CHAIRPERSON
09:00 - 09:05 AM	Inaugural Remarks & Introduction to the Workshop	Dr Preeti Agrawal / Dr Shivanjali Raghuvanshi	

COMMON FOUNDATION - Why? Setting-up Laboratory, Nucleic Acid Extraction & PCR Mastermix, Preparation, Primer Designing

TIME	TOPIC	SPEAKER / FACULTY	
09:05 - 09:25 AM	Molecular Diagnostics in Critical Care & Precision Medicine - Clinical Applications in Infectious Diseases, Pharmacogenomics & Personalised Treatment	Dr Preeti Agrawal	Dr Nitu Nigam Dr Ashutosh Shrivastava Dr Sanjay Mishra
09:25 - 09:45 AM	Setting Up a Molecular Biology Laboratory - Workflow, Contamination Control, Biosafety & Quality Assurance	Dr Sheetal Verma	
09:45 - 10:05 AM	From Genes to Cure: Harnessing Genomics to Treat Genetic Disorders	Dr Kausik Mandal	
10:05 - 10:25 AM	Physiological Disorders: Genetics, Early Diagnosis & Treatment	Dr Manish Bajpai	
10:25 - 10:35 AM	Tea / Coffee Break (10 min)		

SECTION I - Conventional PCR & Gel Electrophoresis

TIME	TOPIC	SPEAKER / FACULTY	
10:35 - 10:55 AM	Primer Designing for PCR - Target Selection, Specificity, In-Silico Validation & Troubleshooting	Dr. Syed Tasleem Raza	Dr Vineeta Mittal Dr Md. Kaleem Ahmad Dr Meenakshi Tiwari Rahul kulshrestha
10:55 - 11:15 AM	Nucleic Acid Extraction - Principles, Sample Types, Column Chemistry & Quality Assessment	Dr Shivanjali Raghuvanshi	
11:15 - 11:35 AM	Conventional PCR - Thermocycling Principles, Genotyping, Restriction Digestion & Allele Discrimination (PCR-RFLP & Allele-Specific PCR)	Dr Shantanu Prakash	
11:35 - 11:55 AM	Gel Electrophoresis - Agarose Gel Preparation, Band Separation, DNA Staining & Amplicon Interpretation	Dr Manisha Gupta	
11:55 AM - 01:20 PM	HANDS-ON WORKSTATION HANDS-ON WORKSTATION *(1.5 hr · rotate across all stations)*		
WS-C1	Mastermix Setup & Pre-PCR Controls *Component assembly, negative/positive controls & pipetting precision (PCR-RFLP, Allele Specific)*	Dr Preeti Agrawal/ Dr Anju Dinkar/ Dr Shantanu *PMU-CCM Team* *Miss Pallavika, Miss Shweta, Miss Swati, Miss. Anjali, Mr. Ashish* *Dr Baijanti*	
WS-C2	Conventional PCR Setup & Thermocycling *Master-mix pipetting, thermocycler programming & run monitoring*		
WS-C3	Gel Analysis *PCR product, gel loading, band scoring*		
01:20 - 02:00 PM	Lunch Break (40 min)		

SECTION II - Real-Time PCR (qPCR & Multiplex PCR)

TIME	TOPIC	SPEAKER / FACULTY	
01:45 - 02:15 PM	Real-Time PCR & Multiplex Diagnostics - Assay Principles, Fluorescence Detection, Amplification Curves, Controls & Ct Interpretation, Application	Dr Shantanu Prakash	Dr Anju Dinkar Dr Satyendra K Singh
02:15 - 03:45 PM	HANDS-ON WORKSTATION *(1.5 hr · all stations)*		
WS-4	Real-Time PCR Setup & Amplification *SYBR Green / TaqMan plate prep, thermocycler run & live curve monitoring*	Dr. Shivanjali, Dr. Manisha, Dr. Shantanu *Miss Pallavika, Miss Shweta, Miss Swati, Miss. Anjali, Mr. Ashish* *Dr Baijanti*	
WS-5	Multiplex PCR & Ct Analysis *Multi-target setup, channel assignment, Ct calling & efficiency calculation*		
03:45 - 03:55 PM	Tea / Coffee Break (10 min)		

SECTION III - Digital PCR (dPCR)

TIME	TOPIC	SPEAKER / FACULTY	
03:55 - 04:25 PM	Digital PCR - Droplet vs Chip-Based dPCR, Absolute Quantification, Rare Variant Detection & Sensitivity Comparison with qPCR	Dr Neeraj /Dr Akhilesh/ Mr Swapnil	Dr Preeti Agrawal Dr Shivanjali Raghuvanshi
04:25 - 05:55 PM	HANDS-ON WORKSTATION *(1.5 hr · 2 parallel stations)*		
WS-6	Digital PCR (dPCR) Setup *Sample partitioning, droplet generation, PCR amplification & absolute copy-number calculation*	Dr Neeraj /Dr Akhilesh/ Mr Swapnil *Miss Pallavika, Miss Shweta, Miss Swati, Miss. Anjali, Mr. Ashish*	
WS-7	dPCR Data Analysis & Reporting *Cluster analysis, rain-gate setting, CNV / rare-variant calling & clinical report writing*		
05:55 - 06:10 PM	Case Discussion · Troubleshooting · QC & Interpretation	Faculty & Technical Team	
06:10 - 06:25 PM	Q&A · Feedback · Closing Remarks · Certificate Distribution	Organizing Team	

Thank you for participating in PMIC-2026 Molecular Diagnostics Workshop!

PRECISION MEDICINE & INTENSIVE CARE CONFERENCE-2026

REGISTRATION DETAILS

CATEGORY	EARLY BIRD REGISTRATION 30th September 2026	REGULAR REGISTRATION 31st October 2026	SPOT REGISTRATION
International Participants	100 USD*	125 USD*	150 USD*
Industry/ Corporate	5,000 INR	6,500 INR	8,000 INR
Faculty	3,500 INR	4,000 INR	6,000 INR
M.D, M.S, D.M/MCh	2,500 INR	3,000 INR	3,500 INR
Research Scholar/ Students Under Graduate	1,500 INR	2,000 INR	2,500 INR
Accompanying person	1500 INR	2,000 INR	2,500 INR
Pre-Conference Workshop (Conference registration is mandatory except for Critical Care Nursing Skills)			
Pre-Conference Workshop	1500 INR for workshops 1, 2, 4 & 5 500 INR for workshop 3 (Critical Care Nursing Skills)		

Get Free Access to PMIC-2026 Conference (CME Only): Register for PMIC Life Membership before 25th October 2026.

Workshop

Life Membership

NOTE:

- International participants' costs include entry to all technical and Networking sessions, gala dinner and registration.

Accommodation will be arranged with nominal charges at KGMU University Campus for research scholars based on a first-come, first-served basis.

For Registration visit the website

PRECISION MEDICINE & INTENSIVE CARE CONFERENCE-2026

CONFERENCE SECRETARIAT:

Department of Critical Care Medicine,
King George's Medical University, Lucknow,
Uttar Pradesh, India.

Contact Details: +91-9838677999
+91-9454041130
Email: secretarypmic@gmail.com
secretary@pmicsociety.org

For Registration to the Society of Precision Medicine and Intensive Care

PMIC Society Membership Link: https://pmicsociety.org/

Society of Precision Medicine and Intensive Care Membership	
CATEGORY	REGISTRATION
Life Membership	5,000 INR
Annual Membership	1000 INR

PAYMENT OPTIONS	
For online transfer through NEFT/IMPS	
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