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10th Annual National Conference of PediSTARS on Healthcare Simulation Theme: Healthcare Simulation for Quality and Safety

Under NMC Regional Centre in Medical Education Technologies HIMS Dehradun









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4th October: Pre Conference Workshop

**5th October: Conference** 

6th-7th October: Post Conference Workshop

Faculty Development Program (FDP)

Academic feast in foothills of the Himalayas



Chardham Spiritual Journey



Rishikesh Yoga Capital



Ganga Arti Sacred River Prayer



Uttarakhand Scenic locations



Nature Calls Wildlife Safari



Adventure Vhitewater Rafting















10th Annual National Conference of PediSTARS on Healthcare Simulation Theme: Healthcare Simulation for Quality and Safety

#### **Organizing Committee**

#### **Chief Patron**



Dr. Vijay Dhasmana

#### **Patrons**



Dr. Rajendra Dobhal **Co Patrons** 



Dr. Meenu Singh





Dr. Vijendra D. Chauhan Prof. Jaya Chaturvedi



Dr. Daljit Singh



Dr. Renu Dhasmana



Dr. Hem Chandra



Dr. Ashok Kumar Deorari **Organizing Chairperson** 



Dr. Rakesh Kumar **Organizing Secretary** 



Dr. Rajesh Sharma **Treasurer** 

#### Members



Dr. Sanober Wasim



Dr. Divya Gupta



Dr. Juhi Kalra



Dr. Farhanul Huda



**Dr Shalinee Rao** 



Dr. Saikat Patra



Dr. Chinmay Chetan



Dr. Mridul Dhar















10th Annual National Conference of PediSTARS on Helathcare Simulation Theme: Healthcare Simulation for Quality and Safety PediSTARS Team

#### **Founders**







Dr. Geethanjali Ramachandra



Dr. Rakshay Shetty

#### **International Advisors**



Dr. Anne Ades





Dr. Mike Shepherd



Dr. Peter Weinstock



Dr. David Grant



#### **National Advisors**



Dr. Dinesh Chirla



Dr. Somsekhar Nimbalkar

#### **Office Bearers**



Dr. Vijayanand Jamalpuri President



Dr. Mihir Sarkar **Vice President** 



Dr. Ebor Jacob James **Immediate Past President** 



Dr. Maninder Singh Dhaliwal **Secretary** 



Dr. Manju Kedarnath **Joint Secretary** 



Mr. Suray Prakash **Treasurer** 



## International faculty

- Dr Anne Ades
- Dr Arunaz Kumar
- Dr Atul Malhotra
- Dr Barry Issenberg
- Dr Cara Doughty
- Dr David Korn
- Dr Doug McMillan
- Dr Ellen Deutsch
- Dr Girish Deshpande
- Dr Jabeen Fayyaz
- Dr Jo Hegarty
- Dr Luca Tortorolo
- Dr Mike Shepherd
- Dr Nalini Singhal
- Dr Roberta Hales
- Dr Srilal de Silva
- Dr Tensing Maa
- Dr Susan Niermeyer
- Dr Vinay Nadkarni



# SIMULUS 10

10th Annual National Conference of PediSTARS on Helathcare Simulation
Theme: Healthcare Simulation for Quality and Safety

#### National faculty

- Dr Adithya
- Dr Akanksha Jain
- Dr Anu Sachdeva
- Dr Arun Bansal
- Dr Ashok Badamali
- Dr Ashok Deorari
- Dr Ashutosh Sinha
- Dr Ashwani K Sood
- Dr Bhakti Sarangi
- Dr Bharat Choudhury
- Dr Daisy Khera
- Dr Devdeep Mukherjee
- Dr Dinesh Chirla
- Dr Dinker Pai
- Dr Ebor Jacob James
- Dr Geethanjali Ramachandra
- Dr Gunaseelan Rajendran
- Dr Gunjan Singh
- Dr Indu Sen
- Dr Jignesh Shah
- Dr Jolly Chandran
- Dr Levis Murry
- Dr Maninder Singh Dhaliwal
- Dr Manish Kumar
- Dr Manju Kedarnath
- Dr Mihir Sarkar
- Dr Nandini Malshe
- Dr Nihar Ranjan Mishra
- Dr Poonam Joshi
- Dr Prameela Joji
- Dr Praveen Kumar
- Dr Pritesh Nagar
- Dr Rajkumar Elanjeran
- Dr Rakshay Shetty
- Dr Rashmi Aradhya

- Dr Deepa Banker
- Dr Jui Geet
- Dr Kamlesh Kumari
- Dr Kiran
- Dr Rimple Sharma
- Dr Satyabrata Ray Chaudhuri
- Dr Shalini Akunuri
- Dr Shilpa Kalane
- Dr Shuba S
- Dr Sindhu MV Gowda
- Dr Siva Vyasam
- Dr Smita Das
- Dr Somsekhar Nimbalkar
- Dr Srinivas Murki
- Dr Sujatha Thyagarajan
- Dr Supraja Chandrasekhar
- Dr Sushma Nangia
- Dr Swati Padankati
- Dr Swati Sethi
- Dr Tejas Hambir
- Dr Venkataseshan Sundaram
- Dr Vijayanand Jamalpuri
- Dr Yashaswini K
- Mr Suray Prakash
- Mrs Neelaveni



## State Faculty & Workshop Coordinators

Theme: Healthcare Simulation for Quality and Safety

- Dr Anchal Agarwal
- Dr Ashish Simalti
- Dr Chinmay Chetan
- Dr Divya Gupta
- Dr Divyanshu Ghildiyal
- Dr Juhi Kalra
- Dr Mukta Singh
- Dr Neerul Pandita
- Dr Nitika Agarwal
- Dr Rajkumari Sylvia Devi
- Dr Rakesh Kumar
- Dr Rashmi Rajput
- Dr Saikat Patra
- Dr Sanober Wasim
- Dr Sonam Agrawal
- Dr Taruna Sharma
- Dr Veena Asthana
- Mrs S. Emon Chanu

- Dr Farhanul Huda
- Mr. Hemanthkumar K
- Dr Mayank Priyadarshi
- Dr Mridul Dhar
- Dr Priyanka Gupta
- Dr Rajlaxmi Mundhra
- Dr Ruby Kataria
- Dr Shalinee Rao
- Dr Smriti Arora
- Dr Sriparna Basu
- Dr Suman Chaurasia

















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10th Annual National Conference of PediSTARS on Healthcare Simulation

Theme: Healthcare Simulation for Quality and Safety Pre-conference Workshop 4th October 2025

## NeoSim - Neonatal Emergencies by Simulation



NeoSim is an intensive, one-day simulation-based workshop designed to prepare healthcare professionals to effectively manage neonatal emergencies in high-pressure scenarios. Using high and low-technology mannequins, this program focuses on skill, knowledge and also human factors essential for success during emergencies.

#### **Program Highlights**

- Engage in eight interactive simulations of common emergencies
- Immersive Training with high-realism scenarios
- Learn how to minimize errors and enhance team work
- Build preparedness, confidence, and leadership skills

#### Who Should Attend?

- Pediatricians and pediatric trainees
- Neonatologists and neonatal trainees
- Pediatric critical care physicians and trainees
- · Pediatric emergency medicine physicians and trainees
- Emergency physicians and trainees
- · Anesthetists managing neonatal cases
- Pediatric and neonatal nurse

#### **National Coordinators**

Dr. Vijaynand Jamalpuri

Dr. Shilpa Kalane

**Local Coordinators** 







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Dr. Saikat Patra (+91 97803 17739), Dr Nitika Agarwal (+91 93897 43804)











Theme: Healthcare Simulation for Quality and Safety Pre-conference Workshop 4th October 2025

STEP: Simulation Training in Emergency Pediatrics



STEP is a one-day interactive workshop designed to empower healthcare professionals with skills for managing pediatric emergencies. Combining high and low technology manikins, and practical, hands-on scenarios, the program emphasizes critical thinking, teamwork, and advanced preparedness in real-world settings.

23500/- ONLY

#### Programme Highlights

- > Participate in eight realistic simulations of emergency scenarios
- > Experience immersive learning environment
- > Focus on minimizing errors and enhancing team performance
- > Strategies to maximize outcomes in resuscitation efforts
- > Develop confidence, enhance leadership, and improve preparedness
- Concise review of common pediatric emergency protocols

#### Who Should Attend?

Residents and Faculty from -

- Pediatrics
- Emergency medicine
- Anesthesia
- Pediatric Surgery
- Intensivists
- Fellows, Nurses, Paramedics

#### **National Coordinators**

Dr. Mihir Sarkar

Dr. Maninder Dhaliwal

Dr Yashaswini K



#### **Local Coordinators**

Dr Ashish Simalti (+91 95578 30552) Dr Mukta Singh (+91 97184 21658)



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Obstetric & Neonatal Emergency Simulation





#### **Key Learning Outcomes**

- To understand the principles of managing neonatal & obstetric emergencies
- To practice technical and teamwork skills in a safe, simulated setting
- To consolidate learning through structured, collaborative debriefs

# Who can Participate?

- Pediatric and neonatal: doctors, nurses, students
- Obstetrics: doctors, nurses, matrons, educators
- Anyone involved with mother and baby care at childbirth: paramedics, anesthetists, surgeons

#### **Workshop Details**

Timings: 9 am - 2 pm

Venue: Himalayan Institute of Medical Sciences,

Dehradun



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₹1000/- ONLY

Early bird extended to 30th June, 2025

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**International faculty** 

Dr Atul Malhotra (Australia) Dr Arunaz Kumar (Australia)











Theme: Healthcare Simulation for Quality and Safety Pre-conference Workshop 4th October 2025

SNAP: Strengthening Nurses in Acute Pediatric Care



The SNAP Workshop is specifically designed to empower nurses with the confidence and skills required to manage pediatric emergencies.

#### **Programme Highlights**

- Focused on the unique challenges faced by nurses in time-critical pediatric care settings.
- >> Strengthen communication skills with colleagues and patient families.
- Rehearse and refine the recognition and management of acutely unwell children.
- >> Learn in a controlled setting where errors are an opportunity for growth without patient risk.
- Build confidence in working collaboratively within multidisciplinary teams.

#### Who Should Attend?

Nurses working in:

- Pediatric Emergency Units
- Emergency Medicine Departments
- Pediatric Intensive Care Units (PICU)
- Pediatric Operating Rooms (OR)
- General Pediatric Wards
- Pediatric Day Care Wards

#### **National Coordinators**

Dr. Manish Kumar

Dr. Smita Das



₹2400/- ONLY Early bird extended to 30th June, 2025

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Dr. Smriti Arora (9810840372)

Mr. Hemanthkumar K (9677472834)













## Adult SIM WARS





#### What is SimWars?

SimWars is a cutting-edge simulation-based competition and an engaging way to enhance learning. Teams of "Sim Warriors" compete in an interdisciplinary format, showcasing their clinical expertise, communication skills, teamwork, and problem-solving abilities. Participants face emergency room scenarios on advanced simulation mannequins, culminating in a final round where the top two teams battle for Resus Glory!

#### **What to Expect**

- Teams will navigate complex simulation scenarios focused on emergency medicine.
- A panel of experts will evaluate teams on:
- Clinical management and decision-making.
- Communication and teamwork.
- The most proficient team will emerge as the champion of Adult SimWars!

# Who can Participate?

#### Team Composition:

Each team must include minimum 4 and maximum 6 members:

- At least 4 doctors, should be postgraduate trainees.
- The remaining members can be nurses, paramedics, postgraduate trainees, post-PG professionals, fellows, or postfellowship participants.
- Physicians and residents must have less than 7 years of experience post-MD/DNB/equivalent degree.
- There is no experience limit for nurses and paramedics.
- Team Flexibility: Teams can include members from different organizations, encouraging regional collaborations.

# ₹10000/-per team ONLY



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**National Coordinator** 

Dr. Rajkumar Elanjeran

**Local Coordinator** 

Dr Mridul Dhar (+919717778374) Dr Priyanka Gupta (+919811894899)











Theme: Healthcare Simulation for Quality and Safety Pre-conference Workshop 4th October 2025

#### Competency Based Skill Trainer Course for Medical College Faculty

Competency based Skill Trainer Course is a comprehensive workshop tailored for medical educators, focusing on the pivotal role of simulation in Competency-Based Medical Education (CBME) as outlined by the National Medical Council (NMC). Through hands-on learning and innovative strategies, the program equips faculty with the skills to enhance teaching, assessment, and student engagement.

#### **Programme Highlights**

- Explore the integration of simulation into CBME as per NMC guidelines.
- Learn effective methodologies for teaching clinical procedures.
- Incorporate Attitude, Ethics, and Communication (AETCOM) into procedural training.
- Integrate simulation in Objective Structured Clinical Examination (OSCE) stations.
- Use technology to track and monitor skill development.
- Gain insights into establishing and managing a skills laboratory.
- Design and implement a clinical simulation session

#### Who Should Attend?

Medical College Faculty who are interested in Simulation based Medical Education and advancing CBME practices



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#### **National Coordinators**

Dr. Ebor Jacob James Dr. Dinkar Pai







#### Local Coordinators

Dr Juhi Kalra (+919412053770)
Dr Shalinee Rao (+918475000267)
Dr Divya Gupta(+919456570288)
Dr Taruna Sharma (+91 90278 54868)











Theme: Healthcare Simulation for Quality and Safety Pre-conference Workshop 4th October 2025

#### Trauma Simulation Workshop

An immersive, hands-on Trauma Simulation Workshop designed to equip healthcare professionals with the critical skills needed to assess, manage, and respond effectively in high-stakes trauma situations.

# Key Highlights

Realistic Trauma Scenarios: Adult, Paediatric and Obstetric

Team-Based Training: Lead, communicate, be part of trauma code team Expert Facilitation: Led by trauma and ER surgeons with simulation experts

Debriefing & Feedback: Reflect, learn, and share ideas

#### Who Should Attend

- Emergency Medicine Physicians
- Trauma Surgeons
- Nurses (ED, ICU, OR)
- Paramedics & EMS Personnel
- Medical Students & Residents
- Simulation Educators & Coordinators

₹3500/- ONLY





**National Coordinators** 

Dr Farhanul Huda Dr Gunjan Dr Jignesh **Local Coordinators** 

Dr Ruby Kataria (+919557085024) Dr Divyanshu Ghildiyal(+919897392901)

Venue: All India Institute of Medical Sciences, Rishikesh













Theme: Healthcare Simulation for Quality and Safety Post conference Workshop 6th-7th October 2025

Simulate, Collaborate, Save: Building Perinatal Team Competency

# Key Learning Outcomes

- ▶ Designing and Conducting Case-Based Simulation Scenarios
- > Perinatal Interventions to Improve Neonatal Outcomes
- > Enhancing Soft Skills: Teamwork and Communication



#### Who Should Attend?

Teams from medical colleges each with Paediatricians/Neonatologists
Obstetricians
Nurses/ Midwife
Anesthetists involved in deliveries

#### **National Coordinator**

Dr. Anu Sachdeva

₹10000/- ONLY



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to 30th June, 2025

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#### **International faculty**

Dr. Doug McMillan Dr. Nalini Singhal Dr. Susan Niermeyer

#### **Local Coordinator**

Dr. Chinmay Chetan (+919871770076) chinmaychetan@srhu.edu.in

Dr. Anchal Agarwal (+917488343489)
anchalagarwal2@gmail.com

Dr Rajkumari Sylvia Devi (8006413977)

Venue: Himalayan Institute of Medical Sciences Dehradun











Theme: Healthcare Simulation for Quality and Safety Post conference Workshop 6th-7th October 2025

#### **Faculty Development Program**



The Faculty Development Program (FDP) in simulation offers an opportunity to learn from international and national experts in the field. Participants will receive Level one certification and guidance from senior mentors for pursuing Level two and Level three certifications over a year. Upon completing Level three, candidates will acquire the skills to design curricula, conduct scenarios, and debrief multidisciplinary teams to enhance patient care outcomes.

#### Programme Highlights

- >> Understanding the role of simulation in education & quality Improvement
- Master principles of crisis management and multidisciplinary team training
- Learn to conduct needs assessments, script scenarios, and design effective simulation curricula
- Practice debriefing techniques tailored to learners at various levels
- Discover methods to create high-realism scenarios using cost-effective techniques
- Learn directly from esteemed international and national simulation experts

#### Who Should Attend?

Healthcare professionals interested in simulation training Prefereably should have some simulation exposure

- Pediatricians
- Physicians
- ER specialists
- Anesthetists
- Intensivists
- Surgeons
- Nurses
- Paramedics
- Allied Healthcare

#### **National Coordinators**

Dr. Vijaynand Jamalpuri

Dr. Mihir Sarkar

Dr. Ebor Jacob James



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Registration for main conference is mandatory



#### **Local Coordinators**

Dr Sanober Wasim (+919690674159) Dr Rakesh Kumar (+918527103414) Dr Sonam Agrawal(+91 8684055628)



















#### NeoSIMVent: A Simulation based Neonatal Ventilation Workshop

An immersive training program designed to enhance proficiency in mechanical ventilation through realistic, hands-on experience. Case-based scenarios to bridge the gap between theoretical knowledge and practical application, ensuring clinicians can manage complex respiratory situations with confidence.

#### **Programme Highlights**

- ◆ Mechanics of Neonatal Ventilation: Compliance, Resistance, Time Constant
- >> Ventilation Settings Assessment Real Time on Graphics, Pig Lung and Lung Simulator
- Case based management of Ventilated Newborn on the Lung Simulator (LuSI)
- ♦> Learn in a controlled setting where errors are an opportunity for growth without patient risk.
- ♦ High Frequency Ventilation using Pig Lung Model

#### Key Highlights

- Realistic Clinical Scenarios
- Comprehensive Curriculum
- Hands-On Practice

#### Who Should Attend?

- Pediatric & Neonate Residents
- D.M. Residents
- Doctors interested in Neonatal Ventilation



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Early bird extended to 30th June, 2025

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Registrations
Limited to first
40 only





**Local Coordinator** 

Dr Sriparna Basu Dr Suman Chaurasia (+91 99711 97833)

#### **National Coordinators**

Dr. Srinivas Murki Dr. Praveen Kumar











#### Pediatric and Neonatal SIM WARS





#### What is SimWars?

This Competition challenges the clinical inter-disciplinary healthcare teams to compete against each other in exciting patient simulation scenarios of Pediatric and Neonatal emergencies.

#### **What to Expect**

- Teams will navigate complex simulation scenarios focused on emergency medicine.
- A panel of experts will evaluate teams on:
- Clinical management and decision-making.
- Communication and teamwork.
- The most proficient team will emerge as the champion of Pediatric and Neonatal SimWars!

# Who can Participate?

#### Team Composition:

One Team = 4members

- At least 2 doctors, should be postgraduate trainees.
- The remaining 2 members can be nurses, paramedics, postgraduate trainees, post-PG professionals, fellows, or postfellowship participants.
- All Physicians and residents must have less than 7 years of experience post-MD/DNB/equivalent degree.
- There is no experience limit for nurses and paramedics.
- Team Flexibility: Teams can include members from different organizations, encouraging regional collaborations.

**National Coordinator** 

Dr. XYZ

# ₹10000/-per team ONLY



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Hurry! Only 8 teams will be selected

#### **Local Coordinator**

Dr XYZ (+91-123) Dr XYZ (+91-123)









10th Annual National Conference of PediSTARS on Healthcare Simulation Theme: Healthcare Simulation for Quality and Safety

Submission closes 30<sup>th</sup> June 2025

# **CALL FOR ABSTRACTS**

# **Topics of Interest**

- Innovation in Medical Education and Curriculum Development
- Evaluation of Assessment Strategies and Training Effectiveness
- Simulation for Enhancing Psychomotor and Procedural Skills
- Cost-effective Simulation-based Innovations
- Crisis Resource Management and Interdisciplinary Team Training
- Simulation for Quality Improvement
- · Outreach Simulation as an Independent Domain

#### **Submission**

- 400 words abstract
- Submit to simulus10.srhu@gmail.com
- Write Subject as "SIMULUS 10 Abstract"



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## **Exciting Prizes**



Best presentations will be recognised with awards. We believe in celebrating excellence and innovation in the field of Simulation



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#### Call for Scientific Abstracts

The Scientific Committee invites original research for presentation in SIMULUS 10 under following categories:

- 1.Innovation in Medical Education and Curriculum Development
- 2. Evaluation of Assessment Strategies and Training Effectiveness
- 3. Simulation for Enhancing Psychomotor and Procedural Skills
- 4.Cost-effective Simulation-based Innovations
- 5. Crisis Resource Management and Interdisciplinary Team Training
- 6.Simulation for Quality Improvement and Organizational Transformation
- 7.Outreach Simulation as an Independent Domain

#### Guidelines for abstract submission

#### Formatting Guidelines

- Abstracts should be limited to one A4 size page (maximum 400 words)
- Mention the name of the category under which the abstract is being submitted
- Graphs, tables, and illustrations are allowed and will not be included in the word count but should be limited to two.
- Structure your abstract under the following subheadings: Background, Aim, Methodology, Results, Discussion/Conclusion, and References.
- Ensure the corresponding author's name and contact details are clearly included in the abstract.

#### **Submission Guidelines**

- Submit abstracts electronically to simulus10.srhu@gmail.com with subject "SIMULUS 10 ABSTRACT"
- Include Conference registration number in the email
- All submissions will undergo peer review after blinding
- Selected abstracts will be allocated to oral or poster presentations
- Corresponding authors of selected abstracts will be notified by mail, with presentation guidelines

#### Seize the opportunity

- Present your work at the biggest National simulation conference
- Receive feedback from global simulation experts
- Chance to take a leap from local research towards international collaboration

Deadline for Submission of Abstracts is 30 June 2025



#### National Coordinators

Dr. Shuba S Dr. Shilpa Kalane



#### **Local Coordinators**

Dr Sanober Wasim (+919690674159) Dr Rakesh Kumar (+918527103414)