KIMSSON025

# POCUS-GUIDED NERVE BLOCKS FOR ACUTE PAIN MANAGEMENT















DATE: 17TH AND 18TH JUNE

**VENUE: KALINGA INSTITUTE OF MEDICAL** Sciences Bhubaneswar

CALL: 9777339468 797043437 7382492030





The International Network for Critical Ultrasound (INCUS) is a pioneering global movement redefining the frontline of emergency and critical care through the power of point-of-care ultrasound (POCUS). More than a network, INCUS is a vision brought to life—a collective of thought leaders, innovators, and clinicians united by a mission to make rapid, real-time diagnostics accessible where they are needed most. Founded on the belief that technology should serve both the practitioner and the patient, INCUS empowers healthcare systems worldwide through cutting-edge education, collaborative research, and global outreach. In a world where seconds save lives, INCUS ensures that precision, speed, and skill are always within reach—transforming care, one scan at a time.



KIMS

Kalinga Institute of Medical Sciences (KIMS), Bhubaneswar, is a premier healthcare and academic institution dedicated to excellence in medicine, research, and compassionate care. With state-of-the-art infrastructure, advanced medical technologies, and a team of highly skilled professionals, KIMS offers comprehensive healthcare that meets global standards. As one of India's leading medical centers, the hospital combines clinical expertise with a patient-first approach, ensuring quality, safety, and dignity at every step. More than just a hospital, KIMS is a trusted destination for healing, innovation, and hope.





At the forefront of EMERGENCY in Eastern India, the Emergency Medicine Department at Kalinga Institute of Medical Sciences (KIMS), Bhubaneswar, stands as a beacon of excellence, resilience, and rapid response. With a cutting-edge infrastructure designed for time-sensitive interventions and a multidisciplinary team of highly skilled emergency physicians, trauma specialists, and critical care experts, the department operates 24/7 as a lifeline for patients in their most vulnerable moments. Seamlessly blending state-of-the-art technology with compassionate care, KIMS Emergency Medicine is not just a department—it's a dynamic command center where every second counts and every life matters.



#### REVOLUTIONIZING ACUTE PAIN MANAGEMENT: POCUS-GUIDED NERVE BLOCKS

The field of medicine is witnessing a transformative shift in pain management, driven by precision, safety, and real-time decision-making. In an unprecedented academic collaboration, the KIMS Emergency Department and the Anatomy Department proudly present a groundbreaking educational event on Point-of-Care Ultrasound (POCUS) Guided Nerve Blocks—a technique revolutionizing the way clinicians manage acute pain. This cutting-edge workshop aims to equip frontline physicians with hands-on skills to deliver rapid, targeted relief, reducing opioid reliance and enhancing patient outcomes.

For the first time in Eastern India, this immersive experience will feature a live cadaveric demonstration, offering an unparalleled anatomical perspective into ultrasound-guided regional anesthesia. This powerful integration of clinical expertise and anatomical precision provides an exceptional opportunity to observe nerve pathways, probe positioning, and local anesthetic spread—all in real time. The cadaveric session bridges the gap between textbook knowledge and bedside application, ensuring participants gain confidence in both the science and the art of nerve blocks.

This milestone event is brought to life in collaboration with Incus World, a leader in ultrasound education and innovation. Together with KIMS, this initiative sets a new benchmark in regional anesthesia training. Whether you're a seasoned emergency physician, a meticulous anaesthetist or an enthusiastic learner, this is your moment to engage with pioneers, sharpen your skills, and be part of a movement reshaping the future of acute pain management—one nerve block at a time.

## SCHEDULE DAY-1 [17TH JUNE] TIME TOPIC

- 08:30 09:00 AM REGISTRATION
- 09:00 09:10 AM WELCOME ADDRESS
- 09:10 09:25 AM PRETEST
- 09:25 09:45 AM INTRODUCTION TO NERVE BLOCKS IN EMERGENCY MEDICINE
- 09:45 10:15 AM BASIC PHYSICS & PHARMACOLOGY OF NERVE BLOCKS
- 10:15 10:30 AM TEA BREAK
- 10:30 11:15 AM KNOBOLOGY & NEEDLING TECHNIQUES [PHANTOM + MODELS]
- 11:15 11:35 AM UPPER LIMB BLOCKS CONCEPTS & CASE SCENARIOS
  - UPPER LIMB BLOCKS: (HANDS-ON) INTERSCALENE, SUPRACLAVICULAR, INFRACLAVICULAR, AXILLARY, MEDIAN, RADIAL, ULNAR, DIGITAL NERVE BLOCKS

12:30 - 01:00 PM

11:35 - 12:30 PM

LOWER LIMB BLOCKS - CONCEPTS & CASE SCENARIOS

01:00 - 02:00 PM

LUNCH

02:00 – 03:00 PM	LOWER LIMB BLOCKS:
	[HANDS-ON] PENG,
	Fascia Iliaca, Femoral,
	SCIATIC, POPLITEAL NERVE
	BLOCKS

03:00 - 03:30 PM RECAP & TROUBLESHOOTING COMMON ISSUES

03:30 - 04:00 PM WRAP-UP AND Q&A

## SCHEDULE DAY-2 (18TH JUNE) TIME TOPIC

09:00 - 09:35 AM	TRUNCAL BLOCKS - CONCEPTS & CASE
	SCENARIOS

- 09:30 10:30 AM TRUNCAL BLOCKS: [HANDS-ON] ERECTOR SPINAE BLOCK [ESB], TRANSVERSUS ABDOMINIS PLANE [TAP] BLOCK, SERRATUS ANTERIOR PLANE BLOCK [SAPB]
- 10:30 10:45 AM TEA BREAK
- 10:45 11:00 AM RECAP & TROUBLESHOOTING COMMON ISSUES
- 11:00 11:45 AM MEGACODE SIMULATION: INTEGRATING USG BLOCKS IN ED SCENARIOS

11:45 - 12:15 PM POST-TEST

<u> 12:15 - 12:45 PM</u>

FEEDBACK & COURSE CONCLUSION

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Professor Emergency Medicine Head of INCUS World <u>Director of WHO CC for Emergency and Trauma</u>



## DR MANU AYYAN

Associate Professor Department of Emergency Medicine & Trauma JIPMER Puducherry

## Dr Vineeth Chandran Karapparambil

Assistant Professor Department of Emergency Medicine JPN Apex Trauma Centre AIIMS New Delhi

## DR ANAND KUMAR DAS



Assistant Professor Department of Emergency Medicine IMS & SUM Hospital Bhubaneswar





PROF. ACHYUTA SAMANTA

Founder KIIT & KISS Bhubaneswar

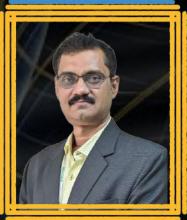


## DR [PROF.] CHINMOY BIJAY KUMAR Mohanty

Pro-Vice Chancellor Professor of Medicine

## DR [PROF.] RAM CHANDRA DAS

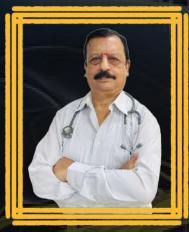
**Dean & Principal** 



## DR [PROF.] MANAS RANJAN BEHERA

**Medical Superintendent** 





### Dr Siddhartha Mishra

Professor & HOD Department of Emergency Medicine



## DR PRAJNA PARAMITA SAMANTA

Professor & HOD Department of Anatomy



### **DR ASHWINI SHARMA**

Joint Director, Medical Administration



DR GUNJAN DASH DR B.YOGESWAR DR SAGARKUMAR DR SAGARKUMAR DR SHIVESH ANURAG DR SHIVESH ANURAG DR PARDHASARADHI K DR YASHAS A S DR YASHAS A S DR KAMALI V S DR SITHARTH B DR N K HRISHIKESH

**Post Graduates** 

DEPARTMENT OF EMERGENCY MEDICINE KIMS



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## DON'T JUST NUMB THE PAIN MASTER IT!

