

Ultrasound Guided Regional Anaesthesia workshop for CRAB -AORA, India under Dr. Sandeep Diwan at B. K. L. Walawalkar Rural Medical College(BKLWRMC),Chiplun, Maharashtra.

Date: 29th March 2026

The Departments of Anaesthesiology and Anatomy at B. K. L. Walawalkar Rural Medical College, in academic collaboration with the Cadaveric Research and Academic Board (CRAB) of AORA, successfully conducted a one-day **Ultrasound-guided Cadaveric Regional Anaesthesia** workshop, on **29th March 2026**. The event was led by a committed organising team comprising **Dr. Leena Thakur (Course Co-ordinator, Organising Secretary; Associate Professor, Dept. of Anaesthesia, BKLWRMC) ;Dr. Bapat (HOD, Dept. of Anaesthesia); Dr. Mansingrao Ghatage (Dean, BKLWRMC);and Dr. Suvarna Patil (Medical Director, BKLWRMC).**

Workshop was conducted under Dr. Sandeep Diwan (Chairman CRAB-AORA, INDIA), Dr. Leena Thakur (Course Co-ordinator) Dr. Sanghamitra Ghosh (Lead faculty) , and other CRAB Faculties.

Critical support from the **Department of Anatomy** under **Dr. Prashant Mullya (Professor)** enabled seamless cadaveric preparation and scientific execution. Workshop was started with live masterclass by Dr. Sandeep Diwan sir on basic blocks with interactive question and answer session. The workshop represented a major step forward in integrating basic regional anaesthesia procedures, injection-based techniques, and cadaver-guided training into anaesthesia education at newly developed Cadaveric Simulation labrotary of BKLWRMC.

Workshop Overview

This was conceptualized as a **fully immersive, hands-on experience**, distinctively designed without didactic lectures. The educational format emphasised:

- **Live ultrasound scanning and training of all basic blocks by faculty**
- **Cadaveric dissections for anatomical correlation**
- **Real-time needle manipulation training**

Faculty and Participation

A distinguished team of CRAB faculty guided the sessions, ensuring structured learning, careful supervision, and high-quality skill transfer:

- **Dr. Sandeep Diwan**
- **Dr. Sanghamitra Ghosh**
- **Dr. (Col.) John M.K.,**
- **Dr. Shweta Puntambekar,**
- **Dr. Jyoti Deshpande,**
- **Dr. Abhishek Lonikar,**
- **Dr. Shilpa Bhat,**
- **Dr. Mitalee Das,**
- **Dr. Navveen P.M.**

- **Dr. Pooja Jadhav.**

The workshop drew **41 delegates from across the country**, including postgraduate trainees, practicing anaesthesiologists, and clinicians seeking basic procedural competence. Additionally, **2 foreign delegates** also attended the workshop (total 43 delegates).

Hands-On Training Highlights

Delegates rotated through skill stations where they practiced:

- Ultrasound landmark recognition
- Needle placement techniques and ergonomics
- Fascial plane and peripheral nerve block scanning

The delegates also watched master demonstrations by the expert faculties on the different block techniques with insights into safe needle placement strategies.

Cadaveric models, carefully prepared by and demonstrated by the Anatomists Dr. Prashant, enabled participants to directly observe relevant anatomical planes, tissue responses, and intervention pathways in alignment with live ultrasound imaging.

There was a unique demonstration displayed by the CRAB chairman- Dr. Sandeep Diwan on the ultrasound guided needling of the blocks and the spread of the drug as well comparison of safe and unsafe needling techniques. These unique features made the workshop even more special.

Organising Team and Acknowledgements

The successful execution of the workshop was made possible through the joint efforts of:

- **Dean, BKLWRMC** — for institutional support and encouragement
- **Department of Anaesthesiology**, guided by Dr. Leena Thakur, Dr. Abhijeet Rokade
- **Department of Anatomy**, by Dr. Prashant Mullya

The organising team comprised of **Dr. Leena Thakur, Dr. Bapat Madam, Dr. Abhijeet Rokade and Dr. Prashant Mullya** whose tireless coordination ensured smooth functioning of scientific, logistical, and delegate support activities.

Feedback and Impact

Participant feedback reflected:

- High satisfaction with the hands-on learning format
- Improved confidence in sonoanatomy and procedural application
- Strong recommendation for annual continuation and expansion
- Need for another workshop for advanced blocks and spine scanning.

The blend of live scanning, cadaveric learning, and advanced procedural content was widely acknowledged as a **milestone in skill-based anaesthesia training** at a rural medical college

which helped not only the students and faculty but also covered practioners in konkan area of Maharashtra.

Conclusion

Our workshop in BKLWRMC was an approach to help anaesthesiologist in remote areas of India to learn in a structured, high-quality academic ecosystem of cadaver-based RAPM education. With its expanded curriculum, the workshop positioned itself as a forward-looking model for modern anaesthesia training in Rural untapped areas of India.

CRAB WORKFORCE anticipates building on this momentum through future editions and continued collaboration of AORA-CRAB with different hospitals in India especially remote areas to strengthen teaching of Regional Anaesthesia through Cadaveric Hands on Workshops.





