

BHARATI VIDYAPEETH UNIVERSITY

MEDICAL COLLEGE

PUNE – SATARA ROAD, PUNE – 411 043

SAP Simulation in Anaesthesia Series 10th March 2024

Report

Simulation Workshop Module 1: Epidural Labour Analgesia & Obstetric Emergencies.

The simulation workshop was conducted on 10th March, 2024 as a part of SAP Simulation in Anaesthesia Series. The theme of the workshop was simulation in epidural labour analgesia and peri-operative emergencies encountered obstetric anaesthesia. Managing life threatening critical incidents need an interplay of technical and non-technical skills which results in improved quality of patient care and patient safety. Simulation is an ideal method to learn and practise these skills.

The objective of the workshop was to provide a highly experiential and interactive learning experience. The program comprised of interactive discussions, hands-on training, and simulation scenarios.

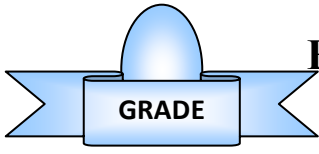
The workshop was attended by 29 participants consisting of postgraduate trainee as well as consultant anaesthesiologists. The Course Director was Dr Jui Lagoo and faculty pool comprised of Dr Jui Lagoo, Dr Rajendra Patil and Dr Kalyani Patil as simulation facilitators.

The day started with a warm welcome and introductions. Dr Jui then discussed the importance of simulation in the anaesthesiology. This was followed by an interactive session on epidural labour analgesia. The participants then proceeded to skill stations: USG lumbar spine and various epidural techniques such as balloon LOR syringe, saline LOR and CSE. Thereafter commonly encountered problems namely unilateral block, blood in catheter, accidental dural puncture, motor blockade after bolus and conversion to surgical anaesthesia were discussed.

The afternoon session comprised high fidelity simulation scenarios. The participants were first oriented to simulation set up, divided into teams and then participated in high fidelity simulation scenarios. They managed crisis situations related to obstetric anaesthesia namely high spinal block, eclamptic patient for LSCS, major obstetric haemorrhage and difficult obstetric airway as a team. Debriefing focussed on non-technical skills along with algorithm-based management. The participants explored and analysed the reasons behind the events in a reflective manner and came up with solutions.

In the last session of the day, open house discussion was conducted and feedback was taken which was encouraging.

Dr.Jui Lagoo
Prof. in EMD
Clinical Lead in Simulation.



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