



BHARATI VIDYAPEETH UNIVERSITY

MEDICAL COLLEGE

PUNE – SATARA ROAD, PUNE – 411 043

Department of Anaesthesia & Simulation Lab

Vital Anaesthesia Simulation Training (VAST)

3rd-5th November 2023

Report

Safe anaesthesia management mandates an interplay of knowledge, technical and nontechnical skills. Although the importance of nontechnical skills has been well recognised, there is no structured program to teach the same. To bridge this gap, the departments of Anaesthesia and Simulation organized the Vital Anaesthesia Simulation Training Course (VC), endorsed by World Federation of Societies of Anaesthesiologists (WFSA) focusing specifically on these human factors.

VC was conducted from November 3rd to 5th, 2023 at Simulation lab, BVDUMC, Pune. Dr Kalyani Patil and Dr Jui Lagoo were the local leads for the same. The VAST Course was offered to 14 multidisciplinary participants inclusive of anaesthetists, surgeons, nurses and OT technicians. Majority of these healthcare practitioners work together regularly and were able to discuss common challenges and solutions. Each day program included interactive power point-based discussions, skill stations and scenarios.

The skills sessions (difficult airway management, neonatal resuscitation, and primary trauma survey) were all conducted as PowerPoint presentations with concurrent demonstration of skills using mannikins (difficult airway management, neonatal resuscitation) or simulated patients (primary trauma survey). The simplicity of conduct of skill stations was highly appreciated.

The participants appreciated inclusion of all members involved in perioperative patient care in training. They found the scenarios relevant and realistic. They expressed during debriefing that participating in scenarios helped them to realize the importance of team dynamics, early call for help, communication and crisis resource management (CRM).

Setting protocols and checklists, breaking the hierarchical system, nurses' empowerment, critical incident reporting and debriefing were identified as the action points for implementation.

Dr. Jui Lagoo

Prof. in EMD

Clinical Lead in Simulation.