

Conference Abstract

DAY 1 15th September 2023 (Friday)

ORAL 2

3.30-5.00 pm

Scientific Session 5

Concept of Clinical Cadaver: Learner' satisfaction in practising procedural skills for medical undergraduates**Elvin Joshua Pinto, Shambhavi Vivek Joshi, Anne D Souza, Prasanna L C, Joseph Abraham**

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Introduction: Acquiring procedural skills is a pivotal aspect of medical education, necessitating innovative approaches to optimize learning experiences. This study investigates the learner's satisfaction with using a soft-embalmed cadaver that was embalmed using a modified salt saturation solution to learn procedural skills and aims to assess its effectiveness in enhancing the acquisition of these skills.

Methodology: Ten undergraduate medical students from first to third professional years volunteered to participate in this study, having only previously practised the procedures on a mannequin. They received training on IM injections and simple interrupted sutures and then performed the procedures on the cadaver. The supervisor graded their technique, and participants provided feedback about their experience working on a cadaver through a questionnaire.

Results: Participants aged 18-21 years found the cadaver to offer a more realistic learning experience. They appreciated the resistance provided by the muscle during injections and the skin while suturing. Additionally, the cadaver improved their understanding of anatomical landmarks and emphasized the importance of proper technique. Participants expressed motivation to continue practising these procedures in the future.

Conclusion: The findings suggest that the clinical cadaver serves as a more accurate representation of a patient compared to a mannequin, making it a valuable tool for learning procedural skills. Future research can expand the sample size and include a comparison group to compare the experiences of performing the same medical procedure on a mannequin and cadaver.

Key Words: Clinical cadaver, procedural skills, Intramuscular injection, simple interrupted, sutures, mannequin