

How to integrate basic clinical skills and simulation adjuncts in an undergraduate pre-clerkship medical curriculum?

Muhammad Zafar

Abstract:

Aims and Specific Learning Outcomes:

This introductory interactive workshop is designed for educators involved in designing and managing pre-clerkship courses, who intend to incorporate hands-on simulation sessions in their courses. It will discuss how to integrate basic clinical skills and simulation adjuncts in different medical curricula. It will guide the participants to have hands-on experience to customize integrated courses.

Rationale:

Integration is the backbone of SPICES model of curriculum. Early introduction of the clinical skills and simulation adjuncts has been found to facilitate the integration of clinical and basic science knowledge [1,2]. There are several methods suitable to integrate clinical simulation in medical curriculum depending upon the curriculum structure in an institution [3].

Format:

1. Introduction
2. Hands-on exercise (designing customized medical curriculum)
3. Early Pre-Clerkship/ Phase-I (Identifying Courses/Modules)
4. Reflection and hands-on exercise
5. Late Pre-Clerkship/ Phase-II (Identifying Courses/Modules)
6. Reflection and hands-on exercise
7. Discussion

Take Home Message:

The participants would appreciate the utility of simulation and explore different possibilities to integrate clinical skills and simulation adjuncts in medical curriculum, thus facilitating simulation-based learning.

References:

1. Jackson MB et al. J Gen Intern Med. 2009; 24(8):929-33.
2. Okuda Y et al. Mt Sinai J Med. 2009; 76(4):330-40.
3. Zafar M, Al-Otaibi N. Curriculum for the 21st Century Medical Students. Ed. Ganguly, PK. Nova Publishers, New York, 2014. ISBN 978-1-63463-052-8; pp. 139-157.