

Introducing “Digital Dentistry” Module in Undergraduate Dentistry Curriculum

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Abstract

The present study was undertaken to find out the perspective of students on the introduced module of ‘Digital Dentistry’ along with understanding their self-directed learning abilities. The present study was conducted in the institution after ethical approval of 40 volunteers from 3rd and 4th year undergraduates of “Bachelor of Dental Surgery” course. A pre-validated questionnaire on self-directed learning (SDLI) was administered to the volunteers to know their SDL abilities. A pre-post-session questionnaire containing feedback questionnaires was prepared, validated and administered before the session. A pre designed module was applied on the volunteers by using SDL session. 2 hours duration of First contact session followed by 2 weeks of intersession period with visit to the lab. In Second contact session, debriefing by faculty was done and post-module questionnaire was administered. The responses obtained from SDLI, assessment questionnaires and pre-post-module questionnaires were further analyzed statistically. Student’s learning motivation scored highest in SDLI. The total score significantly improved post-intervention, with the mean score increasing from 28.83 (5.43) pre-intervention to 35.35 (4.36) post-intervention. Significant improvement in knowledge and awareness of digital dentistry was seen after the conduct of the session.

Keywords: curriculum; digitalization, digital dentistry; module; self-directed learning.