

Conventional Versus Digital Dental Implant Surgery an Update: A Systematic Review

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Abstract:

Purpose: The purpose of the systematic review was to evaluate accuracy, reliability, accessibility and clinical performance in digital implant surgery and conventional implant surgery.

Methods: A systematic review of the literature to find out peer-reviewed research articles published between January 2010 to May 2020. The review evaluated the peer-review articles related to the digital implant surgery and conventional implant surgery.

Results: A total of 945 records were identified through database search, from these 14 articles were selected based on the keywords. The reviewed articles selected met with the inclusion criteria and search criteria. Digital implant surgery has better implant placement rate than conventional implant surgery.

Conclusion: Digital implant surgery has better accuracy, reliability, accessibility and clinical performance than conventional implant surgery.

Keywords: dental implant, implant surgery, conventional implant surgery, conventional and digital implant surgery, digital dental implant surgery, surgical guide.

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