

Special Issue

Clinical Advances in Dental Implant Surgery

Message from the Guest Editors

Dental implants are now the state of the art in dental restorative therapy. They are used in the replacement of missing teeth, and provide retention and support for prostheses. The 21st century has brought permanent surgical innovation and vast clinical experience, resulting in the development of several techniques in the various areas of implant dentistry.

The continuous development of digital implant surgery has led to a more predictable surgical evaluation of the implant recipient site. Cone-beam computed tomography scanning and modeling software have allowed clinicians to virtually plan treatment. In particular, prosthetically guided approaches to implant insertion, fully digital, are currently a possible and recommended alternative. Dental implant surgical planning has evolved from using static guides to computer generated guides and dynamic surgical guidance. Dynamic surgical placement has started gaining traction with the use of navigated surgery and robot-assisted implant placement.

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Deadline for manuscript submissions

closed (31 May 2024)



Journal of Clinical Medicine

an Open Access Journal
by MDPI

Impact Factor 2.9
CiteScore 5.2
Indexed in PubMed



mdpi.com/si/184403

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