Special Issue

Three-Dimensional Custom Printed Appliances in Oral and Maxillofacial Surgery

Message from the Guest Editors

Defects in the oral and maxillofacial (OMF) complex may lead to functional and esthetic impairment, aspiration, speech difficulty, and reduced quality of life. Three-dimensional (3D) printing technology is an innovative technique that allows the fabrication of personalized implants and scaffolds that fit the precise anatomy of an individual's defect and, therefore, has attracted significant attention during the last few decades, especially among head and neck surgeons. This Special Issue aims to address the present development in the use of 3D technology in OMF surgery. Papers are invited that investigate the efficiency and safety of those appliances. Topics may include studies dealing with surgery planning and education, surgery templates and guides, pre-prosthetic and reconstructive implants, trauma-repairing devices, as well as bio-printing of organic structures. Case studies describing real-life applications of novel technologies are also very welcome.

Guest Editors

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Deadline for manuscript submissions

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Message from the Editor-in-Chief

As the world of science becomes ever more specialized, researchers may lose themselves in the deep forest of the ever increasing number of subfields being created. This open access journal Applied Sciences has been started to link these subfields, so researchers can cut through the forest and see the surrounding, or quite distant fields and subfields to help develop his/her own research even further with the aid of this multi-dimensional network.

Editor-in-Chief

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