Special Issue

3D Medical Imaging Diagnosis for Oral and Maxillofacial Applications

Message from the Guest Editors

The application of 3D medical imaging has become a popular and advanced technique, currently used to assist in diagnosing oral diseases and in maxillofacial surgery, such as in the field of head and neck reconstruction, congenital craniofacial anomaly, traumatic deformity, orthognathic surgery, and so on. By using 3D technology in imaging modality with virtual surgical planning, one can reduce the operation time, avoid post-operative complications, and improve surgical accuracy and outcome, as well as achieve the patient's satisfaction. Furthermore, 3D printing and model fabrication can be applied to patient consultations or the production of patient-specific implants. The scope of the Special Issue is to pursue more information regarding precision medicine with the application of 3D imaging in oral and maxillofacial surgery. We look forward to receiving your studies reporting the invaluable experiences of 3D technology applications for this Special Issue. With your contributions, we can create the innovative, revolutionary future together.

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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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