

Special Issue

Imaging Techniques for Oral and Dental Applications

Message from the Guest Editor

The correct performance of image acquisition is crucial to obtain adequate image quality of the dental and maxillofacial areas. In recent years, dental and maxillofacial imaging has significantly and quickly made progress, developing volumetric imaging techniques such as cone beam CT characterized by high spatial resolution and low radiation dose, which have never been seen before. All different branches of dentistry, as well as the study of middle ear and paranasal sinuses, have benefited from this technology progress. This Special Issue is focused on both imaging techniques that make it possible to correctly assess the above-mentioned complex anatomic areas and what we can achieve with dental, maxillofacial, and oral imaging techniques, in order to diagnose diseases and plan surgery. Cone beam CT remains a second-level examination that should be recommended in individual cases, however is the first volumetric imaging technique that can be performed for orthodontic, periodontics, and endodontics purposes, from diagnostic and protectionist points of view.

Guest Editor

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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.

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