

Special Issue

Computed Tomography for Oral and Maxillofacial Applications

Message from the Guest Editor

"Computed Tomography for Oral and Maxillofacial Applications" is a specialized field in medical imaging that harnesses computed tomography (CT) for the assessment and diagnosis of conditions within the oral, dental, and maxillofacial regions. CT imaging provides highly detailed cross-sectional images, aiding in the diagnosis and treatment of dental diseases, craniofacial issues, trauma, and various pathological conditions. Furthermore, CT technology offers a comprehensive view of the oral and maxillofacial structures, making it invaluable in cases where extensive dental work or rehabilitation is needed. This *Bioengineering* Special Issue is dedicated to the latest research and innovations in AI-assisted low-dose CT for maxillofacial surgery, including applications in full mouth rehabilitation. Researchers are encouraged to contribute to this evolving field, offering insights that have the potential to revolutionize diagnostics, surgical practices, and comprehensive oral rehabilitation, ultimately ensuring the best possible patient care and outcomes.

Guest Editor

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