

Special Issue

Advancements in Craniofacial Practices: Imaging, AI, Surgery, and Patient Care

Message from the Guest Editor

This Special Issue will focus on the evolving landscape of craniofacial healthcare, exploring innovations across imaging, artificial intelligence, surgical techniques, and patient-centered care. Key themes include the following:

- **Imaging Innovations:** Advances in craniofacial imaging technologies, such as radiological imaging, 3D photogrammetry, 4D stereophotogrammetry, CBCT, and multimodal approaches, as well as their integration into diagnostic and surgical workflows.
- **Artificial Intelligence and Machine Learning:** The role of AI in automating craniofacial image analysis, improving diagnostic accuracy, predicting outcomes, and supporting clinical decision-making.
- **Surgical Advances:** Cutting-edge surgical techniques, including minimally invasive methods, 3D-printed implants, personalized surgical planning, and the use of robotics in craniofacial reconstruction.
- **Precision Medicine and Personalized Treatment:** How modern craniofacial practices are leveraging precision medicine to develop individualized treatment plans that address the unique anatomical, genetic, and clinical characteristics of patients.

Guest Editor

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Deadline for manuscript submissions

30 September 2025



Diagnostics

an Open Access Journal
by MDPI

Impact Factor 3.3
CiteScore 5.9
Indexed in PubMed



mdpi.com/si/223769

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