

## Special Issue

# Advancements in Artificial Intelligence for Dentomaxillofacial Radiology—2nd Edition

### Message from the Guest Editors

Artificial intelligence (AI) has significantly transformed the field of dentomaxillofacial radiology, improving diagnostic accuracy. AI algorithms have been developed to efficiently analyze and interpret complex medical and dental images, enabling the faster and more precise detection of dental and maxillofacial pathologies. By leveraging deep learning and machine learning techniques, AI systems can detect abnormalities such as caries, fractures, and tumors with higher sensitivity and specificity, in addition to hidden aspects such as aspects of shape, intensity, and texture in the images. Therefore, this Special Issue is focused on the latest developments of AI in dentomaxillofacial radiology, encompassing the insights of computer-aided diagnosis, radiomics, and machine learning tools for image interpretation.

### Guest Editors

Prof. Dr. Andre Luiz Ferreira Costa

Prof. Dr. Kaan Orhan

Prof. Dr. Sérgio Lúcio Pereira de Castro Lopes

### Deadline for manuscript submissions

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## Diagnostics

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