# diagnostics

*Special Issue Reprint*

## Advancements in Artificial Intelligence for Dentomaxillofacial Radiology

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This Special Issue presents a curated collection of articles exploring the transformative role of artificial intelligence (AI) in oral and maxillofacial imaging. The contributions highlight recent advancements in machine learning, radiomics, and deep learning techniques applied to diagnostic tasks involving complex anatomical regions and diverse pathologies. Emphasis is placed on the integration of AI for improving diagnostic accuracy, supporting clinical decision-making, and enabling precision medicine in the fields of radiology and oncology. The papers also discuss technical challenges, validation strategies, and ethical considerations that accompany the clinical implementation of AI technologies. By bringing together original research and comprehensive reviews, this Special Issue offers a valuable resource for clinicians, researchers, and developers interested in the future directions of AI in oral and maxillofacial imaging.

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