



Advances of Digital Dentistry and Prosthodontics

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Message from the Guest Editors

From the introduction of the first commercially available in-office CAD/CAM (Computer-Aided Design/Computer-Aided Manufacturing) system in the late 80s, digital dentistry has experienced a dramatic growth and is now a reality in most research and clinical settings.

In orthodontics, the digital workflow can be applied at every stage from diagnosis to treatment planning, appliance design, and manufacturing, as well as in treatment distance monitoring. Integration of CBCT (Cone Beam Computed Tomography) with CAD/CAM technology allowed static and dynamic guided implant surgery protocols, as well as guided endodontic protocols. In conservative dentistry and prosthodontics, the integration of DSD (Digital Smile Design) and CAD/CAM technology has open countless options for aesthetic, minimally invasive in lab or chairside solutions, designed and manufactured in a virtual environment.

In order to validate with scientific evidence of the digital workflow, researchers and experts in digital dentistry are invited to contribute to this Special Issue.





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Message from the Editor-in-Chief

Addressing the environmental and public health challenges requires engagement and collaboration among clinicians and public health researchers. Scientific discoveries and advances in this research field play a critical role in providing a rational basis for informed decision-making toward control and prevention of human diseases, especially the illnesses that are induced from environmental exposure to health hazards.

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