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Prospects for Dental Materials in Prosthodontics

Guest Editor:

Prof. Dr. Maria J. Suarez

Department Restorative Dentistry
and Buccofacial Prosthesis,
Faculty Odontology, University
Complutense of Madrid, 28040
Madrid, Spain

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submissions:

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Message from the Guest Editor

Dear Colleagues,

CAD-CAM and 3D-printing technology in dentistry have enabled the application and development of materials. The clinical success of prosthodontic materials must combine esthetics and fracture resistance to withstand the oral conditions and masticatory forces.

Currently, the most common materials used in prosthodontics include metals, a wide range of ceramics, and polymeric materials. The rapid evolution in new technologies for fabrication and the changes in the materials composition has led to insufficient scientific evidence of their behavior and clinical indications.

This Special Issue will provide information with updated findings regarding the challenges of new CAD-CAM and 3D-printing materials to perform tooth- and implant-supported restorations. The focus of submissions should include physical, chemical, mechanical, and optical properties of CAD-CAM and 3D-printing materials in prosthodontics, advantages in materials fabricated from digital technologies over conventional techniques, minimally invasive techniques, and clinical performance of the restorations. Original and review articles are welcome.

Prof. Dr. Maria J. Suarez
Guest Editor



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Special Issue



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Editor-in-Chief

Prof. Dr. Maryam Tabrizian

1. Department of Biomedical Engineering, Faculty of Medicine and Health Sciences, McGill University, Montreal, QC H3A 2B6, Canada

2. Faculty of Dentistry and Oral Health Sciences, McGill University, 3640 Rue University, Montreal, QC H3A 0C7, Canada

Message from the Editor-in-Chief

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Materials Editorial Office
MDPI, Grosspeteranlage 5
4052 Basel, Switzerland

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