



Ceramic Materials for Dental Implant and CAD-CAM Prostheses

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Deadline for manuscript
submissions:

closed (20 June 2022)

Message from the Guest Editor

The Special Issue “Ceramic materials for dental implant and CAD-CAM prostheses” mainly addresses the various physical and biological properties of ceramic materials, which are currently used as diverse dental restorations, including implant prosthetics. With the recent rapid development of materials science studies, the advantages of ceramic dental prosthetic materials have exceeded mere aesthetics for anterior restorations. Ceramic materials now have the physical and chemical durability that surpasses conventional metal materials for dental prostheses, making them the alternative choice even for posterior teeth. Furthermore, the application of the digital dentistry approach using CAD-CAM, which provides new paradigms and functions, from diagnosis and treatment plans to fabrication of definite prosthesis. It also improves the overall treatment experience, such as comfort for the patients, usability for practitioners, reduced treatment time, and enhanced overall precision. Also, when ceramic materials were used as implant components, the results showed excellent hard and soft tissue biocompatibility, which confirms their competence as long-lasting materials.





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Message from the Editor-in-Chief

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