Special Issue

Dental Prostheses: Past, Present and Future Trends

Message from the Guest Editors

Dental Prostheses represents a crucial moment in the dental treatment. There are many technological possibilities for making different prosthetic constructs nowadays. From conventional methods towards the digital ones, all of them came with advantages and limitation. Scanning methods (direct, in the oral cavity or indirect, on the dental impression or model) are followed by different ways of producing them such as CAM, SLS, SLM and other 3D printing methods. All of them need to be characterize in term of mechanical properties, biocompatibility and cytotoxicity. New technologies as well as new materials could emerge in this topic. Beside the technologies, an important issue is represented by the evaluation of the prosthetic construct integrity. There are different evaluation methods that can be implied in a destructive or non-destructive way to analyze the defectoscopy of the dental prosthesis. Solution for optimizing the prosthesis depending on the magnitude and position of the defect is also important. We kindly invite you to submit your manuscript(s) for this Special Issue, including full papers, communications and reviews

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Materials (ISSN 1996-1944) was launched in 2008. The journal covers twenty-five comprehensive topics: biomaterials, energy materials, advanced composites, advanced materials characterization, porous materials, manufacturing processes and systems, advanced nanomaterials and nanotechnology, smart materials, thin films and interfaces, catalytic materials, carbon materials, materials chemistry, materials physics, optics and photonics, corrosion, construction and building materials, materials simulation and design, electronic materials, advanced and functional ceramics and glasses, metals and alloys, soft matter, polymeric materials, quantum materials, mechanics of materials, green materials, general. *Materials* provides a unique opportunity to contribute high quality articles and to take advantage of its large readership.

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