Special Issue

Advanced CAD/CAM Restorative Materials for Natural Teeth

Message from the Guest Editor

Digital workflow has prevailed in current dentistry for reliability and economic reasons. Meanwhile, CAD/CAM materials became available, offering improved physical and mechanical properties, and enabling more conservative treatments. Subsequently, these CAD/CAM materials for tooth-supported restorations has broadened their clinical success. This Special Issue will provide CAD/CAM blocks made with glass ceramics, resin-based materials, PICN materials, and oxide ceramics, especially monolithic and translucent zirconia, to perform tooth-supported restorations. Their mechanical and esthetic properties will be addressed to ensure the clinical requirements for crowns, bridges, and indirect partial restorations in anterior and posterior teeth. For this purpose, the following topics are requested:

- Physical and mechanical properties of CAD/CAM materials.
- Esthetic properties of CAD/CAM materials.
- Surface treatments of CAD/CAM materials to enhance their bonding properties.
- Clinical performance of tooth-supported restorations fabricated with CAD/CAM materials.

Guest Editor

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Message from the Editor-in-Chief

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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