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Advanced CAD/CAM Restorative Materials for Natural Teeth

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Message from the Guest Editor

Dear Colleagues,

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.



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Message from the Editor-in-Chief

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