



oral

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Biomechanics Studies in Dentistry

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Message from the Guest Editors

Dear Colleagues,

In former times, the assessment of biomaterials' restorative mechanical properties was used to predict procedures' clinical success based on a purely quantitative ranking, without considering the complexity of the oral environment and individual characteristics. Nowadays, these mechanical properties are often required to characterize a new material and to understand how it should be implemented in traditional, established materials.

This Special Issue invites you to disseminate your findings on the following themes:

- Assessment of indirect restorations;
- Stress generated during chewing loading;
- Reliability and clinical performance of direct and indirect prosthetic materials;
- Long-term simulations showing the failure origin and fracture features of failed dental treatments;
- Evaluation of mechanical response using biomechanical tools in the maxillofacial complex;
- Procedures to improve the restorations' longevity and improve patient life quality.

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Special Issue