

New technologies and materials in clinical pediatric dentistry

Guest Editor

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Message from the Guest Editor

Pediatric dentists are clinicians who treat many children and special-needs patients, so they have been treating them in a conservative and traditional way. Recently, in the dental field, diagnosis and treatment using new technologies such as AI and CAD/CAM are being developed, and new materials for dental restoration, including Zirconia, are also being developed and applied. Pediatric dentists are likewise interested in these trends in the dental field, and it is time to actively consider their application in pediatric dentistry. We believe that the application of these new technologies and materials will be of great help in developing more convenient, accurate, and safe dental treatment for pediatric patients. In this special issue, we will provide important information on the scientific background of new technologies and materials applicable to clinical practice in pediatric dentistry and suggest how they can be applied in practice. This special issue will cover all the aspects of new technologies and materials that can be helpful and applicable to clinical pediatric dentistry. This issue will also cover original research, case reports, and review articles.

Keywords: *Technology; Material; Artificial Intelligence; Deep Learning; Restoration; Children; Pediatric Dentistry*

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