

Title: Zirconia Crowns: A Paradigm Shift In Pediatric Esthetic Crowns

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Traditionally, many clinicians tend to forego esthetic considerations when full-coverage restorations are indicated for pediatric patients with primary dentitions. However, the availability of new zirconia pediatric crowns and reliable techniques for cementation makes esthetic outcomes practical and consistent when restoring primary dentition.

The present paper helps us to understand the steps in tooth preparation to receive zirconia crowns as well as tips and tricks to enhance its retention.

Recent publications: Cytotoxicity and bioactivity of Mineral trioxide aggregate and bioactive endodontic type cements: A systematic Review. *Int J Clin Pediatr Dent*. Assessment of precautionary measures practiced and impact of nationwide lockdown on psychological health of dental professional of Maharashtra due to COVID -19 pandemic: a cross sectional study. *J Cardiovascular Dis Res*. SHEDs response to various pulpotomy materials: cytotoxicity and gene expression analysis. *J Clin Pediatr Dent*. Evaluation and comparison of cytotoxicity and bioactivity of chemomechanical caries removal agents on stem cells from human exfoliated deciduous teeth. *Eur Arch Pediatric Dent*. 2021. Constituents, Properties and Clinical Applications of OrthoMTA & RetroMTA: A Systematic Review. *Indian J Dent*.

The COVID-19 pandemic in a pediatric population: A health care perspective. *J Mother Child*. Assessment of bacterial load using 3.8% SDF as an irritant in pulpectomized primary molars: A randomized controlled trial. *Int J Clin Pediatr Dent*. Biocompatibility, bioactivity and gene expression analysis of SHEDs cultured in various calcium silicate based cements: A systematic review and meta-analysis of in vitro studies. *J Clin Pediatr Dent*.

Biography

Dr Viral Pravin Maru is a renowned pediatric dentist, practicing in Mumbai, Maharashtra, India since 2007. He is currently pursuing PhD in the same subject from D Y Patil School of Dentistry, Navi Mumbai. He has been working in the field of stem cell research since 2015 extensively. He has many national and international publication to his credit. At present he holds the prestigious post of associate professor in one of the renowned educational institution. He has a personal interest in stem cell research applied to pediatric dentistry.