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Luting cements used in dentistry: A Review

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ABSTRACT:

Luting cement plays an important role in the cementation and long-term clinical success of fixed partial denture restorations. However, various water-based and adhesive resin cements are available but none of them is capable of meeting all the requirements. Luting cement should be biocompatible, non-irritating to the underlying tooth structure and pulp and should also maintain the adequate marginal seal. Zinc phosphate, zinc poly carboxylate, zinc oxide eugenol, glass ionomer cements, newer cements like resin modified glass ionomer cements, compomers and resin cements are various luting cements used in dentistry.

Keywords: luting cement, fixed partial denture, water based cement, resin cement

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