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**Availability and Usage of Various Luting Cements in the Dentistry –
A Review**

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ABSTRACT

The high success rate and the longevity of the fixed partial denture is mainly depend on the degree and amount of tooth preparation and the type of the luting cement used to retain the fixed partial denture prosthesis. There are a large number of luting cements available till now. Proper selection of the luting cements can be a daunting task due to the availability of a large number of luting agents and is usually based on a practitioner's dependent on experience and preference and less on in depth knowledge of materials that are used for the restoration and luting agent properties. Luting cement provides a better result by maintaining or securing the fixed partial denture prosthesis in the cemented position. So it is the duty of the clinician to have a wide range of knowledge about the various cements, their advantages and disadvantages and their properties. Nowadays, many new luting cements have been introduced to provide better clinical performances and overcome the demerits of existing cements. The different types of cements

used as luting cements are glass ionomer cements, zinc phosphate, zinc poly carboxylate, zinc oxide eugenol, newer cements like resin modified glass ionomer cements, compomers and resin cements. This review article emphasis on the usage and properties of luting cements which are currently available in dentistry to make it easier and helpful for the general practitioner for better results.

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