

Methods of Intracanal Reinforcement in Primary Anterior Teeth- Assessing the Outcomes through a Systematic Literature Review

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Methods of Intracanal Reinforcement in Primary Anterior Teeth-Assessing the Outcomes through a Systematic Literature Review

Mittal N¹, Bhatia HP², Haider K³.

¹ Assistant Professor, Department of Pedodontics and Preventive Dentistry Santosh Dental College, Ghaziabad, Uttar Pradesh, India.

² Professor and Head, Department of Pedodontics and Preventive Dentistry, Manav Rachna Dental College, Faridabad, Haryana, India.

³ Postgraduate Student, Department of Pedodontics and Preventive Dentistry Santosh Dental College, Ghaziabad, Uttar Pradesh, India.

Abstract

Aim: To assess how the various methods of intracanal reinforcement (short root canal posts) performed in their clinical and radiographic outcomes for restoring grossly broken down primary anterior teeth after pulpectomy for 1 year or longer follow-up period.

Materials And Methods: Literature search of electronic databases (Sept 2013) and various journals (1980-Sept 2013) using medical subject headings and free text terms was conducted. For inclusion in quality assessment, prespecified inclusion criteria were applied. Quality assessment was performed by using 'The Cochrane collaboration's tool for assessing risk of bias'.

Results: Seven relevant papers were selected for full text evaluation. After applying the inclusion criteria, only two trials could be considered for quality assessment. Both of these were classified as having high risk of bias.

Conclusion: The evidence to support any method of intracanal reinforcement for restoring grossly broken down anterior teeth is presently lacking. Further trials with well-defined methodology are needed. How to cite this article: Mittal N, Bhatia HP, Haider K. Methods of Intracanal Reinforcement in Primary Anterior Teeth- Assessing the Outcomes through a Systematic Literature Review. Int J Clin Pediatr Dent 2015;8(1):48-54.

Keywords: Evidence; Intracanal reinforcement; Posts; Primary teeth; Restorations.

Reference

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