COMPARATIVE EVALUATION OF LEAKAGE BEHAVIOUR OF THREE DIFFERENT RETROGRADE FILLING MATERIALS” – AN IN VITRO STUDY

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Abstract

Retrograde root canal filling after apicoectomy is a valuable procedure aimed at hermetically sealing the root canal against leakage of irritants into the canal from the periapical tissue. Retrograde filling is indicated in chronic periapical pathosis such as granuloma, cyst, and wide apex, calcified canal, non negotiable dilacerated or extremely curved canal. Several retrograde filling materials like copper amalgam, gold silver amalgam, zinc phosphate cements, zinc oxide eugenol cement, cavit, zinc polycarboxylate cement, EBA, IRM etc have been introduced. The purpose of this study was to evaluate the invitro sealing ability of IRM, EBA cement and high copper amalgam alloy with cavity varnish when they are used as retrograde filling materials.

Keywords: Retrograde filling material, EBA, Amalgam, IRM
References