INPLASY

Systematic Review of the Success of Different Materials to Repair Apical Perforations

Saade, J; Rizkala, R.

Corresponding author:
Joseph Saade

j.saade@cdiohio.org

Author Affiliation:
Cleveland Dental Institute.

INTRODUCTION

Review question / Objective The aim of this study is to conduct a systematic review of current literature comparing the success of different repair methods and materials in the treatment and management of apical perforations.

Condition being studied The condition being studied is apical perforations of teeth during root canal therapy.

METHODS

Participant or population Apical perforations, humans.

Intervention Non surgical materials and methods for repair.

Comparator MTA, Calcium Hydroxide, Amalgam, Glass Ionomer.

Study designs to be included Clinical Randomized Trials, Cohort Studies, Observational studies (Case-control studies, Case series).

Eligibility criteria N/A.

Information sources Google Scholar, Pubmed, SCOPUS, EBSCO HOST.

Main outcome(s) Repair and clinical success.

Quality assessment / Risk of bias analysis IHE Risk of Bias for case series; Newcastle Risk of Bias for cohort and case control.

Strategy of data synthesis Cochrane Methods Data Extraction.

Subgroup analysis N/A.

Sensitivity analysis N/A.

Country(ies) involved United States.

Keywords Apical Perforations AND Repair; MTA; Treatment; Nonsurgical; Surgical.

Contributions of each author
Author 1 - Joseph Saade.
Email: j.saade@cdiohio.org
Author 2 - Rita Rizkala.
Email: r.rizkala@cdiohio.org