International Platform of Registered Systematic Review and Meta-analysis Protocols

INPLASY

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

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ADMINISTRATIVE INFORMATION

Support - CDI.

Review Stage at time of this submission - Data analysis - Completed but not published.

Conflicts of interest - None declared.

INPLASY registration number: INPLASY202460095

Amendments - This protocol was registered with the International Platform of Registered Systematic Review and Meta-Analysis Protocols (INPLASY) on 24 June 2024 and was last updated on 24 June 2024.

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 strip perforations.

Condition being studied Strip perforations.

METHODS

Participant or population ➢ Inclusion Criteria: Strip perforations ➢ Exclusion Criteria: Other perforations, including furcation and Apical perforations.

Intervention Inclusion Criteria: Strip perforations ➢ Exclusion Criteria: Other perforations, including furcation and Apical perforations.

Comparator MTA, Calcium Hydroxide, Amalgam, Glass Ionomer.

Study designs to be included RCT, Cohorts, clinical trials.

Eligibility criteria ➢ Inclusion Criteria: Strip perforations ➢ Exclusion Criteria: Other perforations, including furcation and Apical perforations.

Information sources Google Scholar, PubMed, Scopus, and EBSCO HOST articles must have been published from 1970 to 2023.

Main outcome(s) Repair and clinical success.

Quality assessment / Risk of bias analysis Newcastle-Ottawa assessmant tool.

Strategy of data synthesis SPSS software.

Subgroup analysis Fisher exact test.

Sensitivity analysis N/A.

Country(ies) involved CDI - United States.

Keywords Strip Perforation OR Apical Perforation" • "Strip Perforation AND Repair"• "Strip Perforation AND MTA"• "Strip Perforation AND Treatment.

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