

CADTH Reference List

Nasal Clips for Epistaxis

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Authors: Candice Madakadze, Jennifer Horton

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Key Messages

- We did not find any studies on the clinical effectiveness of nasal clips versus manual compression in individuals experiencing epistaxis.
- We did not find any evidence-based guidelines regarding the use of nasal clips in individuals experiencing epistaxis.
- We identified other references on this topic that may be of interest; these are listed in the appendix.

Research Questions

1. What is the clinical effectiveness of nasal clips versus manual compression in individuals experiencing epistaxis?
2. What are the evidence-based guidelines regarding the use of nasal clips in individuals experiencing epistaxis?

Methods

Literature Search Methods

A limited literature search was conducted by an information specialist on key resources including MEDLINE, the Cochrane Database of Systematic Reviews, the International HTA Database, the websites of Canadian and major international health technology agencies, as well as a focused internet search. The search strategy comprised both controlled vocabulary, such as the National Library of Medicine's MeSH (Medical Subject Headings), and keywords. The main search concepts were nasal clips and epistaxis. No filters were applied to limit the retrieval by study type. An additional search was conducted for epistaxis, with CADTH-developed search filters applied to limit retrieval to guidelines. Where possible, retrieval was limited to humans. The search was completed on January 31, 2023, and limited to English-language documents published since January 1, 2018. Internet links were provided, where available.

Selection Criteria and Summary Methods

One reviewer screened literature search results (titles and abstracts) and selected publications according to the inclusion criteria presented in [Table 1](#). Full texts of study publications were not reviewed. The Overall Summary of Findings was based on information available in the abstracts of selected publications. Open access full-text versions of evidence-based guidelines were reviewed when available, and relevant recommendations were summarized.

Table 1: Selection Criteria

Criteria	Description
Population	Individuals experiencing epistaxis
Intervention	Nasal clips
Comparator	Q1: Manual compression Q2: Not applicable
Outcomes	Q1: Clinical benefits (e.g., success in stopping the epistaxis, recurrence rate) and harms Q2: Recommendations and best practices regarding the use of nasal clips
Study designs	Health technology assessments, systematic reviews, randomized controlled trials, non-randomized studies, evidence-based guidelines

Results

No relevant health technology assessments, systematic reviews, randomized controlled trials, or non-randomized studies were identified regarding the clinical effectiveness of nasal clips versus manual compression in individuals experiencing epistaxis. No relevant evidence-based guidelines were identified regarding the use of nasal clips in individuals experiencing epistaxis.

References of potential interest that did not meet the inclusion criteria are provided in [Appendix 1](#).

Overall Summary of Findings

No relevant literature was found about the clinical effectiveness of nasal clips versus manual compression in individuals experiencing epistaxis. Additionally, no evidence-based guidelines were found about the use of nasal clips in individuals experiencing epistaxis; therefore, no summary can be provided.

References

Health Technology Assessments

No literature identified.

Systematic Reviews

No literature identified.

Randomized Controlled Trials

No literature identified.

Non-Randomized Studies

No literature identified.

Guidelines and Recommendations

No literature identified.

Appendix 1: References of Potential Interest

Randomized Controlled Trials

Hajimagsoudi M, Largani HA, Baradaranfar MH, et al. A novel method for epistaxis management: Randomized clinical trial comparing nose clip with manual compression.

Am J Emerg Med. Jan 2018; 36(1):149-150. [PubMed](#)

Note: No abstract available

Review Articles

Gottlieb M, Long B. Managing Epistaxis. *Ann Emerg Med.* Feb 2023; 81(2):234-240. [PubMed](#)