**Background** Although the combined use of antiseptic nasal cream with silver nitrate cautery for the management of epistaxis has been reported in several randomised and non-randomised studies as well as systematic reviews, there are currently no meta-analyses that quantitatively report the outcomes of these interventions for epistaxis. Therefore, this is the first study in the literature reporting on this topic.

**Objectives** To compare the outcomes of the addition of silver nitrate cautery versus antiseptic cream alone in paediatric patients with recurrent epistaxis.

**Methods** A systematic review and meta-analysis were performed as per the Preferred Reporting Items for Systematic Reviews and Meta-analyses (PRISMA) Guidelines and a search of electronic information was conducted to identify all Randomised Controlled Trials (RCTs) and non-randomised studies comparing the outcomes of the addition of silver nitrate cautery versus antiseptic cream alone in paediatric patients with recurrent epistaxis. Treatment success and persistence of bleeding were primary outcome measures. Secondary outcome measures included treatment side effects. Fixed effects modelling was used for the analysis.

**Results** Four studies enrolling 240 patients were identified. There was no significant difference between silver nitrate cautery group and antiseptic cream alone group in terms of complete resolution (Odds Ratio [OR] = 1.07, P = 0.81), the partial resolution (OR = 1.02, P = 0.96) and persistence of bleeding (OR = 0.91, P = 0.71). For secondary outcomes, antiseptic nasal cream was associated with few side effects such as rash in one case and several complaints of bad smell or taste.

**Conclusions** The addition of silver nitrate cautery is not superior to the use of antiseptic cream alone in paediatric patients with recurrent epistaxis as it does not improve treatment success or persistence of bleeding.

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**Paediatric Educators’ Special Interest Group**

**ASSESSING THE ROLE OF PEER-TO-PEER TEACHING IN THE PAEDIATRIC UNDERGRADUATE CURRICULUM: A RANDOMIZED CONTROLLED TRIAL**

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