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# rhinosinusitis

### Rhino-sinusite

#### 1. Systematic Reviews and Meta-Analysis

☆:	☆☆	Evidence for effectiveness and a specific effect of acupuncture
☆:	☆	Evidence for effectiveness of acupuncture
☆		Limited evidence for effectiveness of acupuncture
Ø		No evidence or insufficient evidence

#### 1.1. Lee 2022 ☆

Lee B, Kwon CY, Park MY. Acupuncture for the Treatment of Chronic Rhinosinusitis: A PRISMA-Compliant Systematic Review and Meta-Analysis. Evid Based Complement Alternat Med. 2022 Aug 31;2022:6429836. https://doi.org/10.1155/2022/6429836.

Background	Chronic rhinosinusitis (CRS) is a highly prevalent disease associated with poor quality of life. In this paper, we appraised the role of acupuncture in the treatment of CRS.
Methods	Electronic databases were searched for randomized controlled clinical trials (RCTs) that examined the role of acupuncture in CRS. The primary outcome measures included posttreatment CRS severity, as measured by the Visual Analogue Scale (VAS) and Total Effective Rate (TER). The risk of bias and quality of evidence were evaluated according to the Cochrane Collaboration's risk-of-bias tool and GRADE tool, respectively.
Results	Evidence from the RCTs (n = 10) suggested that acupuncture as a monotherapy or adjunctive therapy to conventional treatment was associated with significant improvements in VAS, TER, and quality of life when compared with conventional treatments for CRS. However, there was a similar incidence of adverse events. The risk of bias was unclear and the quality of evidence for each finding was generally moderate to low.
Conclusions	Acupuncture as a stand-alone or adjunctive treatment for CRS was associated with clinical symptom improvement and better quality of life, without any risk for serious adverse events. However, the high clinical heterogeneity of the included RCTs and overall moderate-to-low quality of evidence necessitates rigorous, well-designed trials to confirm these findings. Trial Registrations. This trial is registered with PROSPERO (no. CRD42021292135).

#### 2. Clinical Practice Guidelines

positive recommendation (regardless of the level of evidence reported)
Ø negative recommendation (or lack of evidence)

# 2.1. Canadian Society of Otolaryngology-Head and Neck Surgery (CSO-HNS, Canada) 2011 $\emptyset$

Desrosiers M, Evans GA, Keith PK, Wright ED, Kaplan A, Bouchard J, Ciavarella A, Doyle PW, Javer AR,

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Leith ES, Mukherji A, Robert Schellenberg R, Small P, Witterick IJ. Canadian clinical practice guidelines for acute and chronic rhinosinusitis. J Otolaryngol Head Neck Surg. 2011;40 sup 2:S99-193. [197342]

Alternative practices that have failed to show efficacy under scientific trial conditions include **acupuncture**, chiropracty, naturopathy, aromatherapy, massage, and therapeutic touch.

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