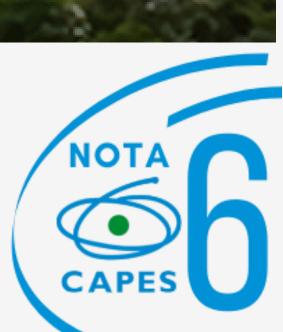
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Safety and Efficacy of Minimally Invasive Intra-Articular Treatments for Temporomandibular Dysfunction: A Systematic Review and Meta-Analysis.

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INTRODUCTION

Temporomandibular disorders (TMDs) affect up to one-third of adults and cause pain, limited jaw movement, and functional impairment.

Conservative therapies are first-line, but minimally invasive procedures are widely used to reduce pain, improve joint function, and promote tissue repair.

OBJECTIVE

arthrocentesis.

To evaluate the efficacy of intra-articular injections with different substances for temporomandibular disorders

improvement, while HA+PRP also demonstrated

consistent benefits, especially when combined with

METHODOLOGY

Only randomized clinical trials (RCTs) assessing the efficacy of minimally invasive procedures were included.

The meta-analysis included seven studies with a sixmonth follow-up, while twenty-three studies with different follow-up periods were evaluated qualitatively.

The meta-analysis was conducted using RevMan software, evidence was graded with GRADEpro GDT, and the risk of bias using RoB 2.0.

SCAN

