

INPLASY PROTOCOL

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None.

Efficacy and Safety of alpha adrenergic blockers in the Medical Expulsion Therapy for Ureteral Calculi

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Review question / Objective: P: patients with urinary calculis I: α -blockers C: placebo O: stones clearance rate S: RCT.
Condition being studied: Medical Expulsion Therapy for Ureteral Calculi.
Information sources: PubMed, Cochrane Library, EMBASE and Web of Science

INPLASY registration number: This protocol was registered with the International Platform of Registered Systematic Review and Meta-Analysis Protocols (INPLASY) on 07 December 2020 and was last updated on 07 December 2020 (registration number INPLASY2020120040).

INTRODUCTION

Review question / Objective: P: patients with urinary calculis I: α -blockers C: placebo O: stones clearance rate S: RCT.

Condition being studied: Medical Expulsion Therapy for Ureteral Calculi.

METHODS

Participant or population: The patients in our study were limited to patients with the stone size of 10 mm or smaller of ureteral calculi.

Intervention: α -blockers.

Comparator: Placebo.

Study designs to be included: RCT.

Eligibility criteria: (1) studies should be placebo controlled trials(alpha-blockers group versus placebo group); (2) The patients in our study were limited to patients with the stone size of 10 mm or smaller of ureteral calculi. (3) All patients underwent imaging of the urinary tract. And the maximum diameter that measured on a plain abdominal film was recorded as the stone size; (4) The included studies should have sufficient data.

Information sources: PubMed, Cochrane Library, EMBASE and Web of Science.

Main outcome(s): Stones clearance rate.

Data management: Endnote Revman.

Quality assessment / Risk of bias analysis: Cochrane's 'Risk of bias' assessment tool.

Subgroup analysis: Stones location and stones size.

Sensitivity analysis: No.

Language: No restriction.

Country(ies) involved: China.

Keywords: alpha adrenergic blocker ; ureteral calculi; medical expulsion therapy; urolithiasis; meta-analysis.

Contributions of each author:

Author 1 - JianGang Gao.

Author 2 - ZeWei Yu.

Author 3 - Lee Wan.