

# INPLASY PROTOCOL

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## Platelet-rich plasma for the treatment of erectile dysfunction: A Systematic Review and Meta Analysis

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**Review Stage at time of this submission:** Preliminary searches.

**Conflicts of interest:**  
None declared.

**Review question / Objective:** The aim of this study was to investigate the efficacy of platelet-rich plasma in the treatment of erectile dysfunction.

**Condition being studied:** The effects of PRP injections for ED have not been completely clarified.

**Information sources:** Pubmed, Embase.

**INPLASY registration number:** This protocol was registered with the International Platform of Registered Systematic Review and Meta-Analysis Protocols (INPLASY) on 18 May 2023 and was last updated on 18 May 2023 (registration number INPLASY202350071).

### INTRODUCTION

**Review question / Objective:** The aim of this study was to investigate the efficacy of platelet-rich plasma in the treatment of erectile dysfunction.

**Condition being studied:** The effects of PRP injections for ED have not been completely clarified.

### METHODS

**Participant or population:** Men with erectile dysfunction.

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**Intervention:** Platelet-rich plasma injection.

**Comparator:** Use placebo as control.

**Study designs to be included:** RCT.

**Eligibility criteria:** Men with a diagnosis of erectile dysfunction.

**Information sources:** Pubmed, Embase.

**Main outcome(s):** International Index of Erectile Function (IIEF).

**Quality assessment / Risk of bias analysis:** The quality of the retrieved RCTs will be assessed according to the Cochrane Handbook for Systematic Reviews.

**Strategy of data synthesis:** Data synthesis and statistical analysis will be performed using RevMan.

**Subgroup analysis:** No subgroup analysis will be performed.

**Sensitivity analysis:** RevMan will be used for sensitivity analysis.

**Language restriction:** English.

**Country(ies) involved:** China.

**Keywords:** Platelet-Rich Plasma; Erectile Dysfunction; meta-analysis.

**Contributions of each author:**

Author 1 - Zhe Yu - made substantial contributions to define the research question, acquisition and analyses of data as well as manuscript preparation.

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