

INPLASY PROTOCOL

Impact of the prostate size on the outcome of radical prostatectomy

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None declared.

Review question / Objective: What is the impact of prostate size on the outcome of radical prostatectomy.

Eligibility criteria: Studies reported on the impact of the prostate size on the outcome of radical prostatectomy.

Main outcome(s): operative time, blood loss, complications, incontinence, positive surgical margins, biochemical recurrence.

INPLASY registration number: This protocol was registered with the International Platform of Registered Systematic Review and Meta-Analysis Protocols (INPLASY) on 11 November 2021 and was last updated on 11 November 2021 (registration number INPLASY2021110035).

INTRODUCTION

Review question / Objective: What is the impact of prostate size on the outcome of radical prostatectomy.

Condition being studied: Surgical, functional and oncological outcomes.

METHODS

Participant or population: 12242 patients.

Intervention: Radical prostatectomy.

Comparator: Small versus large prostate.

Study designs to be included: Controlled studies.

Eligibility criteria: Studies reported on the impact of the prostate size on the outcome of radical prostatectomy.

Information sources: Electric databases.

Main outcome(s): Operative time, blood loss, complications, incontinence, positive surgical margins, biochemical recurrence

Quality assessment / Risk of bias analysis: NOS.

Strategy of data synthesis: Comparison between small and large prostate patients.

Subgroup analysis: Small versus large prostate.

Sensitivity analysis: Using Revman5. 4 software.

Country(ies) involved: Malaysia, Saudi Arabia.

Keywords: Prostate size, Prostate volume, radical prostatectomy, Prostate cancer.

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