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Desarda versus Lichtenstein technique for the treatment of primary inguinal hernia: a meta-analysis of randomized controlled trials

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Review question(s)

Which technique has a lower recurrence rate of inguinal hernia; Desarda or Lichtenstein technique?

Searches

The following will be searched:

PubMed/MEDLINE;

The Cochrane Library;

Google Scholar.

Only randomized controlled trials will be included.

Types of study to be included

Randomized controlled trials.

Condition or domain being studied

Primary inguinal hernia.

Participants/ population

Both genders of any age with primary inguinal hernia.

Intervention(s), exposure(s)

Desarda versus Lichtenstein technique.

Non-comparative trials or trials comparing either arms with other types of repair techniques will be excluded.

Comparator(s)/ control

Desarda versus Lichtenstein technique for primary inguinal hernia.

Outcome(s)

Primary outcomes

Recurrence of inguinal hernia.

Secondary outcomes

Complications of surgery.

Data extraction, (selection and coding)

Two researchers will extract the data and any discrepancies will be resolved by discussion.

Risk of bias (quality) assessment

The Cochrane risk of bias assessment tool will be used.

Strategy for data synthesis

Both qualitative and quantitative synthesis of data will be conducted.

Analysis of subgroups or subsets

None intended.

Contact details for further information

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Organisational affiliation of the review

Mansoura University - Faculty of Medicine

Review team

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Anticipated or actual start date

04 June 2016

Anticipated completion date

01 July 2016

Funding sources/sponsors

None

Conflicts of interest

None known

Language

English

Country

Egypt

Subject index terms status

Subject indexing assigned by CRD

Subject index terms

Hernia, Inguinal; Herniorrhaphy; Humans; Surgical Mesh; Suture Techniques; Treatment Outcome

Stage of review

Ongoing

Date of registration in PROSPERO

06 June 2016

Date of publication of this revision

14 June 2016

Stage of review at time of this submission

Preliminary searches

Started**Completed**

Yes

Yes

Piloting of the study selection process

Yes

Yes

Formal screening of search results against eligibility criteria

Yes

Yes

Data extraction

Yes

Yes

Risk of bias (quality) assessment

Yes

Yes

Data analysis

Yes

No

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