

## Appendix 2

### Search documentation

#### Question at issue

Does the use of double ring wound edge protector at laparotomy reduce postoperative surgical site infections?

#### Patients/Problem – Intervention – Comparison – Outcome

**Patients:** patients for laparotomy

**Intervention:** use of double ring wound edge protector

**Comparison:** no use of wound edge protector

**Outcome:** superficial, deep or intraabdominal surgical site infections

#### Inclusion criteria:

Meta-analysis, systemic review, randomized controlled study, observational study.

**Languages:** English, Swedish, Norwegian, Danish.

**Search period:** 2000 - august 2013.

#### Literature search

Two medical information specialists performed literature searches in the data bases; PubMed, Cochrane Library, Web of Science, EMBASE, CINAHL and Centre for Reviews and Dissemination.

Altogether 63 articles were identified. Fifty-five articles were duplicates, did not meet the PICO or other inclusion criteria and were sorted out. Eight articles remained for assessment by the HTA-group.

#### PubMed, October 2013

##### Number of results: 9

wound edge protection OR wound protect\* OR wound protectors OR wound protector OR wound retractor OR wound retractors OR wound retraction OR plastic ring drapes

AND

surgical site infection OR surgical site infections OR surgical wound infection OR surgical wound infections OR SSI

AND

Alexis OR dual ring OR double ring

#### Cochrane Library, October 2013

##### Number of results: 19 (search all text)

(wound edge protect\*) OR (wound protector\*) OR (plastic ring\*)

AND

(surgical site infection\*) OR (surgical wound infection\*) OR SSI

AND

Alexis OR (dual ring) OR (double ring)

#### Web of Science, October 2013

##### Number of results: 8

Topic= wound edge protect\* OR wound protector\* OR wound retract\* or plastic ring drape\* AND

Topic= surgical site infection\* or surgical wound infection\* OR SSI  
AND

Topic= Alexis OR double OR dual

**EMBASE, October 2013**

**Number of results: 26**

“wound edge protection” OR “wound protector” OR “wound protectors” OR  
“wound retractor” OR “wound retractors” OR “plastic ring drapes”

AND

“surgical site infection” OR “surgical wound infection” OR SSI

AND

Alexis OR double OR dual

**HTA-databases - CRD, October 2013**

**Number of results: 0**

(Alexis) AND (surgical site infection OR SSI)

**www.Clinicaltrials.gov, October 2013**

**Number of results: 4**

(Alexis) AND (surgical site infection OR SSI)