

Supplementary appendix 1: Search strategy

PubMed:

("Triclosan"[Mesh] OR "Anti-Infective Agents, Local"[Mesh] OR triclosan*[tiab] OR antimicrobial*[tiab] OR antibacterial*[tiab] OR antiseptic*[tiab] OR antibiotic*[tiab]) AND ("Sutures"[Mesh] OR "Polyglactin 910"[Mesh] OR "Polydioxanone"[Mesh] OR suture*[tiab] OR vicryl*[tiab] OR polyglactin*[tiab] OR PDS II[tiab] OR polydioxanone*[tiab]) AND ("Surgical Wound Infection"[Mesh] OR "Surgical Wound Dehiscence"[Mesh] OR surgical wound infection*[tiab] OR surgical site infection*[tiab] OR postoperative infection*[tiab] OR surgical infection*[tiab] OR wound infection*[tiab] OR SSI[tiab] OR SSIs[tiab] OR abdominal wound dehiscence*[tiab] OR abdominal wall dehiscence*[tiab] OR fascial dehiscence*[tiab] OR burst abdomen*[tiab]) AND ("Randomized Controlled Trial" [Publication Type] OR "Controlled Clinical Trial" [Publication Type] OR "drug therapy" [Subheading] OR randomized [tiab] OR placebo[tiab] OR randomly[tiab] OR trial[tiab] OR groups[tiab]) NOT ("Animals"[Mesh] NOT "Humans"[Mesh])

EMBASE:

(1) triclosan/ or exp topical antiinfective agent/ or (triclosan* or antimicrobial* or antibacterial* or antiseptic* or antibiotic*).ti,ab,kw. (2) exp suture/ or polyglactin/ or polydioxanone/ or absorbable suture/ or poliglecaprone suture/ or polydioxanone suture/ or polyglactin suture/ or (suture* or vicryl* or polyglactin* or PDS*).ti,ab,kw. (3) wound infection/ or surgical infection/ or wound dehiscence/ or (surgical wound infection* or surgical site infection* or postoperative infection* or surgical infection* or wound infection* or SSI or SSIs or abdominal wound dehiscence* or abdominal wall dehiscence* or fascial dehiscence* or burst abdomen*).ti,ab,kw. (4) randomized controlled trial/ or controlled clinical trial/ or drug therapy.fs. or (randomized or placebo or randomly or trial or groups).ti,ab,kw. (5) 1 and 2 and 3 and 4 (6) exp animal/ not human/ (7) 5 not 6 (8) limit 7 to conference abstract status (9) 7 not 8

Cochrane Central Register of Controlled Trials:

(1) (triclosan* or antimicrobial* or antibacterial* or antiseptic* or antibiotic*):ti,ab,kw (2) MeSH descriptor: [Anti-Infective Agents, Local] explode all trees (3) #1 or #2 (4) (suture* or vicryl* or polyglactin* or polydioxanone or PDS*):ti,ab,kw (5) (surgical wound infection* or surgical site infection* or postoperative infection* or surgical infection* or wound infection* or SSI or SSIs or abdominal wound dehiscence* or abdominal wall dehiscence* or fascial dehiscence* or burst abdomen*):ti,ab,kw (6) #3 and #4 and #5 in Trial