

**Supplementary Table 1** Search strategy

<b>Search No</b>	<b>Search strategy<sup>1</sup></b>
#1	MeSH descriptor: (cholecystectomy) explode all trees
#2	cholecystectomy: TI, AB, KW
#3	MeSH descriptor: (Laparoscopic cholecystectomy) explode all trees
#4	Laparoscopic cholecystectomy: TI, AB, KW
#5	#1 OR #2 OR #3 OR #4
#6	MeSH descriptor: (general anesthesia) explode all trees
#7	[ general anesthesia: TI, AB, KW
#8	MeSH descriptor: (spinal anaesthesia) explode all trees
#9	total extraperitoneal: TI, AB, KW
#10	MeSH descriptor: (spinal anaesthesia) explode all trees
#11	spinal anesthesia: TI, AB, KW
#12	MeSH descriptor: (epidural anaesthesia) explode all trees
#13	epidural anaesthesia: TI, AB, KW
#14	MeSH descriptor: (epidural anesthesia) explode all trees

- #15** epidural anesthesia: TI, AB, KW
- #16** MeSH descriptor: (regional anesthesia) explode all trees
- #17** regional anesthesia: TI, AB, KW
- #18** MeSH descriptor: (regional anaesthesia) explode all trees
- #19** regional anaesthesia: TI, AB, KW
- #20** #6 OR #7 OR #8 OR #9 #10 OR #11 OR #12 OR #13 #14 OR #15 OR  
#16 OR #17#18 OR #19
- #21** #5 AND #20

<sup>1</sup>This search strategy was adopted for following databases: MEDLINE, EMBASE, CINAHL and the Cochrane Central Register of Controlled Trials (CENTRAL)

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