

Table S1 The specific retrieval strategies

Search number	Query	Results
1	“Thoracoscopy”[MeSH]	16,095
2	((((((((((Thoracoscopy[Title/Abstract]) OR (Thoracoscopies[Title/Abstract])) OR (Pleural Endoscopy[Title/Abstract])) OR (Pleuroscopy[Title/Abstract])) OR (Pleuroscopies[Title/Abstract])) OR (Endoscopy, Pleural[Title/Abstract])) OR (Endoscopies, Pleural[Title/Abstract])) OR (Pleural Endoscopies[Title/Abstract])) OR (Surgical Procedure, Thoracoscopic[Title/Abstract])) OR (Thoracoscopic Surgical Procedure[Title/Abstract])) OR (Thoracoscopic Surgery[Title/Abstract])) OR (Surgery, Thoracoscopic[Title/Abstract])) OR (Surgeries, Thoracoscopic[Title/Abstract])) OR (Thoracoscopic Surgeries[Title/Abstract]))	20,578
3	#1 OR #2	25,279
4	“Dexmedetomidine”[MeSH]	4,936
5	(((((Dexmedetomidine[Title/Abstract]) OR (MPV-1440[Title/Abstract])) OR (MPV 1440[Title/Abstract])) OR (MPV1440[Title/Abstract])) OR (Precedex[Title/Abstract])) OR (Dexmedetomidine Hydrochloride[Title/Abstract])) OR (Hydrochloride, Dexmedetomidine[Title/Abstract]))	7,760
6	#4 OR #5	7,993
7	#3 AND #6	57

MeSH, medical subject headings.

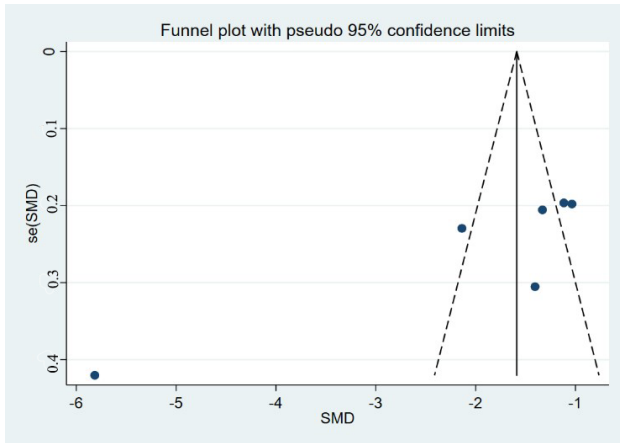


Figure S1 Funnel chart of IL-6. SMD, standardized mean difference; IL-6, interleukin-6.

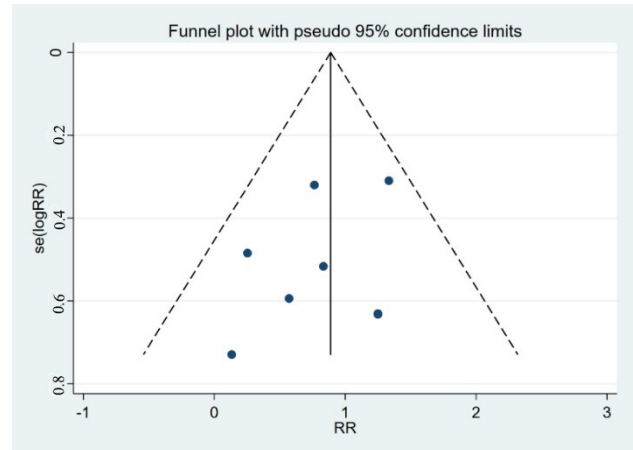


Figure S2 Funnel chart of adverse reactions. RR, relative risk.