Online Resource 1 - Search strategy

PUBMED	dexmedetomidine AND (randomized controlled trial[pt] OR controlled clinical trial[pt] OR randomized controlled trials[mh] OR random allocation[mh] OR double-blind method[mh] OR single-blind method[mh] OR clinical trial[pt] OR clinical trials[mh] OR (clinical trial[tw] OR ((singl*[tw] OR doubl*[tw] OR trebl*[tw] OR tripl*[tw]) AND (mask*[tw] OR blind[tw])) OR (latin square[tw])] OR random*[tw] OR research design[mh:noexp] OR follow-up studies[mh] OR prospective studies[mh] OR cross-over studies[mh] OR control*[tw] OR prospectiv*[tw] OR volunteer*[tw]) NOT (animal[mh] NOT human[mh] NOT adult [mh]) NOT (comment[pt] OR editorial[pt] OR meta-analysis[pt] OR practice-guideline[pt] OR review[pt]))
Scopus	dexmedetomidine AND "general anesthesia" AND "randomized controlled trials" AND NOT review AND NOT meta-analyses AND NOT "case reports" AND NOT intramuscular AND NOT cohort
EMBASE	dexmedetomidine AND 'general anesthesia' AND 'randomized controlled trials' NOT 'review' NOT 'meta-analyses' NOT 'case reports'
Cochrane Central Register of Controlled Trials	dexmedetomidine AND "general anesthesia" AND "randomized controlled trials" AND NOT review AND NOT meta-analyses AND NOT "case reports" AND NOT intramuscular AND NOT cohort

Google Scholar	dexmedetomidine AND "general anesthesia" AND "randomized controlled trials" AND NOT review AND NOT meta-analyses AND NOT "case reports"