

Document S1. Search terms.

(((((general anesthesia) AND (regional anesthesia)) OR (spinal anesthesia)) OR (epidural anesthesia)) AND (hip fracture surgery); (((("general anaesthesia" OR "anesthesia, general" OR ("anesthesia") AND "general") OR "general anesthesia" OR ("general" AND "anesthesia")) AND ("regional anaesthesia" OR "anesthesia, conduction" OR ("anesthesia" AND "conduction") OR "conduction anesthesia" OR ("regional" AND "anesthesia") OR "regional anesthesia")) OR ("spinal anaesthesia" OR "anesthesia, spinal" OR ("anesthesia" AND "spinal") OR "spinal anesthesia" OR ("spinal" AND "anesthesia")) OR ("epidural anaesthesia" OR "anesthesia, epidural" OR ("anesthesia" AND "epidural") OR "epidural anesthesia" OR ("epidural" AND "anesthesia")))) AND ((("hip fractures" OR ("hip" AND "fractures") OR "hip fractures" OR ("hip" AND "fracture") OR "hip fracture") AND ("surgery" OR "surgery" OR "surgical procedures, operative" OR ("surgical" AND "procedures" AND "operative") OR "operative surgical procedures" OR "general surgery" OR ("general" AND "surgery") OR "general surgery" OR "surgery s" OR "surgeries" OR "surgeries")))).

Table S1. Evidence profile

	Death	Intraoperative hypotension	Myocardial infarction	Cardiac failure	Cerebrovascular accident	Deep vein thrombosis	Postoperative pulmonary embolus
Risk of bias	Serious	Serious	Serious	Serious	Serious	Serious	Serious
Lack of allocation concealment	Unclear	Unclear	Unclear	Unclear	Unclear	Unclear	Unclear
Lack of blinding	Yes	Yes	Yes	Yes	Yes	Yes	Yes
Incomplete accounting of patients and outcome events	No	No	No	No	No	No	No
Selective outcome reporting	No	No	No	No	No	No	No
Other limitations	No	No	No	No	No	No	No
Inconsistency	Serious	Serious	Serious	Serious	Serious	Serious	Serious
I ² (unexplained heterogeneity of results)	No	Yes	No	No	Yes	Yes	No
Wide variance of point estimates	Yes	Yes	Yes	Yes	Yes	Yes	Yes
Confidence intervals (CIs) do not overlap	No	No	No	No	No	No	No
Indirectness	Not serious	Not serious	Not serious	Not serious	Not serious	Not serious	Not serious
Differences in population	No	No	No	No	No	No	No
Differences in interventions	No	No	No	No	No	No	No
Differences in outcome measures	No	No	No	No	No	No	No
Indirect comparisons	No	No	No	No	No	No	No

Imprecision	Not serious	Not serious	Serious	Serious	Serious	Serious	Serious
Few patients	No	No	No	No	No	No	No
Wide confidence interval (CI)	No	No	Yes	Yes	Yes	Yes	Yes
Upgrading	None	None	None	None	None	None	None
RR>2 or RR<0.5 RR>5 or RR<0.2	No	No	No	No	No	No	No
Dose-response gradient	No	No	No	No	No	No	No
Effect of plausible residual confounding	No	No	No	No	No	No	No