

Supplementary Table 2. Level of certainty for each outcome

Certainty assessment							No of patients		Effect		Certainty
No of studies	Study design	Risk of bias	Inconsistency	Indirectness	Imprecision	Other considerations	NSAIDs	control	Relative (95% CI)	Absolute (95% CI)	

Postoperative delirium

8	randomised trials	serious	not serious	not serious	not serious	none	68/616 (11.0%)	118/622 (19.0%)	OR 0.51 (0.36 to 0.72) NNT 12	83 fewer per 1,000 (from 112 fewer to 45 fewer)	⊕⊕⊕ ○ Moderate
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Postoperative pain (Scale from: 0 to 10)

5	randomised trials	serious ^a	not serious	not serious	not serious	none	476	476	-	SMD 0.67 SD lower (1.45 lower to 0.1 higher)	⊕⊕⊕ ○ Moderate
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Consumption of opioids

3	randomised trials	serious ^a	not serious	not serious	not serious	none	401	401	-	SMD 0.43 SD lower (1.02 lower to 0.17 higher)	⊕⊕⊕ ○ Moderate
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CI: confidence interval; OR: odds ratio; SMD: standardised mean difference; NNT: number needed to treat

Explanations

a. Potential limitations may lower the confidence of the estimated effect.