

## Confidence rating of each outcomes

Confidence rating of each outcomes using CINeMA (Confidence in Network Meta-Analysis, <https://cinema.ispm.unibe.ch/>) web application (Institute of Social and Preventative Medicine, University of Bern, Switzerland).

Early postoperative period (up to 6 hours) pain score								
Comparison	Number of Studies	Within-study bias	Reporting bias	Indirectness	Imprecision	Heterogeneity	Incoherence	Confidence rating
Mixed evidence								
Control vs ESPB	4	Some concerns	Low risk	No concerns	No concerns	Some concerns	Some concerns	Moderate
Control vs INB	1	Some concerns	Low risk	No concerns	No concerns	Some concerns	No concerns	Moderate
Control vs SPB	2	Some concerns	Low risk	No concerns	No concerns	Some concerns	No concerns	Moderate
Control vs TPVB	5	Some concerns	Low risk	No concerns	No concerns	Some concerns	No concerns	Moderate
ESPB vs INB	2	Some concerns	Low risk	No concerns	Some concerns	Some concerns	No concerns	Moderate
ESPB vs SPB	2	Some concerns	Low risk	No concerns	Some concerns	Some concerns	No concerns	Moderate
ESPB vs TPVB	3	Some concerns	Low risk	No concerns	Some concerns	Some concerns	Major concerns	Low
INB vs SPB	2	Major concerns	Low risk	No concerns	Some concerns	Some concerns	No concerns	Low
INB vs TPVB	3	Some concerns	Low risk	No concerns	No concerns	Major concerns	No concerns	Low
Indirect evidence								
SPB vs TPVB	--	Some concerns	Low risk	No concerns	Some concerns	Some concerns	No concerns	Moderate
Middle postoperative period (6 to 18 hours) pain score								
Comparison	Number of Studies	Within-study bias	Reporting bias	Indirectness	Imprecision	Heterogeneity	Incoherence	Confidence rating
Mixed evidence								
Control vs ESPB	4	Some concerns	Low risk	No concerns	No concerns	Some concerns	Major concerns	Low
Control vs INB	1	Some concerns	Low risk	No concerns	No concerns	Major concerns	No concerns	Low
Control vs SPB	2	Some concerns	Low risk	No concerns	Some concerns	Some concerns	No concerns	Moderate
Control vs TPVB	3	Some concerns	Low risk	No concerns	No concerns	Some concerns	No concerns	Moderate
ESPB vs INB	2	Some concerns	Low risk	No concerns	Some concerns	Some concerns	No concerns	Moderate
ESPB vs SPB	2	Some concerns	Low risk	No concerns	Some concerns	Some concerns	No concerns	Moderate
ESPB vs TPVB	3	Some concerns	Low risk	No concerns	No concerns	Major concerns	No concerns	Low
INB vs SPB	2	Some concerns	Low risk	No concerns	Some concerns	Some concerns	No concerns	Moderate
INB vs TPVB	3	Some concerns	Low risk	No concerns	Some concerns	Some concerns	No concerns	Moderate
Indirect evidence								
SPB vs TPVB	--	Some concerns	Low risk	No concerns	Some concerns	Some concerns	No concerns	Moderate

## Late postoperative period (18 to 24 hours) pain score

Comparison	Number of Studies	Within-study bias	Reporting bias	Indirectness	Imprecision	Heterogeneity	Incoherence	Confidence rating
Mixed evidence								
Control vs ESPB	4	Some concerns	Low risk	No concerns	No concerns	Some concerns	No concerns	Moderate
Control vs INB	1	Some concerns	Low risk	No concerns	No concerns	Some concerns	No concerns	Moderate
Control vs SPB	3	Some concerns	Low risk	No concerns	No concerns	Some concerns	No concerns	Moderate
Control vs TPVB	5	Some concerns	Low risk	No concerns	No concerns	Some concerns	No concerns	Moderate
ESPB vs INB	2	Some concerns	Low risk	No concerns	No concerns	Major concerns	No concerns	Low
ESPB vs SPB	2	Some concerns	Low risk	No concerns	No concerns	Some concerns	No concerns	Moderate
ESPB vs TPVB	4	Some concerns	Low risk	No concerns	No concerns	Some concerns	No concerns	Moderate
INB vs SPB	1	Some concerns	Low risk	No concerns	Some concerns	No concerns	No concerns	Moderate
INB vs TPVB	3	Some concerns	Low risk	No concerns	No concerns	Some concerns	No concerns	Moderate
Indirect evidence								
SPB vs TPVB	--	Some concerns	Low risk	No concerns	No concerns	Some concerns	No concerns	Moderate

## Opioid consumption

Comparison	Number of Studies	Within-study bias	Reporting bias	Indirectness	Imprecision	Heterogeneity	Incoherence	Confidence rating
Mixed evidence								
Control vs ESPB	3	Some concerns	Low risk	No concerns	No concerns	No concerns	No concerns	Moderate
Control vs INB	1	Some concerns	Low risk	No concerns	No concerns	No concerns	No concerns	Moderate
Control vs SPB	3	Major concerns	Low risk	No concerns	No concerns	Some concerns	No concerns	Low
Control vs TPVB	3	Some concerns	Low risk	No concerns	No concerns	No concerns	No concerns	Moderate
ESPB vs INB	2	Some concerns	Low risk	No concerns	No concerns	No concerns	No concerns	Moderate
ESPB vs SPB	2	Major concerns	Low risk	No concerns	No concerns	Some concerns	No concerns	Low
ESPB vs TPVB	3	Some concerns	Low risk	No concerns	No concerns	Some concerns	No concerns	Moderate
INB vs SPB	1	Major concerns	Low risk	No concerns	No concerns	Some concerns	No concerns	Low
INB vs TPVB	3	Some concerns	Low risk	No concerns	No concerns	Some concerns	No concerns	Moderate
Indirect evidence								
SPB vs TPVB	--	Some concerns	Low risk	No concerns	No concerns	Some concerns	No concerns	Moderate