

Supplementary Table 3. Summarized results of sensitivity analyses

Sensitivity analysis	CPNB vs Multimodal				CPNB vs Epidural			
	Pain (NRS)	Opioid Consumption (OME)	LOS (d)	PONV	Pain (NRS)	Opioid Consumption (OME)	LOS (d)	PONV
Primary analyses (all studies included)	MD -0.35 [-0.77, 0.07] P = 0.10, I ² = 95%	MD -31.52 mg [-42.81, -20.22] P < 0.001, I ² = 93%	MD 1.41 d [0.36, -2.45] P = 0.008, I ² = 98%	OR 0.89 [0.72, 1.10] P = 0.30, I ² = 0%	MD 0.45 [-0.13, 1.04] P = 0.13, I ² = 84%	MD 16.13 [-0.10, 32.36] P = 0.05, I ² = 94%	MD 0.78 d [0.27, 1.29] P = 0.003, I ² = 59%	OR 1.02 [0.56, 1.86] P = 0.96, I ² = 36%
High risk of bias studies removed [23-25,28-30,34,44,48]	MD -0.24 [-0.71, 0.24] P = 0.33, I ² = 88%	MD -24.08 mg [-34.12, -14.04] P < 0.001, I ² = 93%	MD -1.57 d [-3.61, 0.48] P = 0.13, I² = 88%	OR 0.95 [0.53, 1.70] P = 0.87, I ² = 16%	MD 0.93 [-0.18, 2.05] P = 0.01, I² = 91%	MD 16.66 [2.48, 30.84] P = 0.02, I ² = 96%	MD 1.04 d [0.65, 1.44] P < 0.001, I ² = 58%	OR 1.03 [0.44, 2.37] P = 0.95, I ² = 0%
Lower midline incision studies removed [32,44]	MD -0.47 [-0.95, 0.02] P = 0.06, I ² = 96%	MD -37.12 mg [-49.43, -24.81] P < 0.001, I ² = 94%	MD -1.67 d [-3.00, -0.33] P = 0.01, I ² = 88%	OR 1.06 [0.64, 1.76] P = 0.82, I ² = 13%	n/a	n/a	n/a	n/a
Cohort studies removed [33,34]	MD -0.25 [-0.64, 0.14] P = 0.21, I ² = 83%	MD -29.88 [-42.36, -17.40] P < 0.001, I ² = 94%	MD -1.29 d [-3.16, 0.57] P = 0.17, I² = 94%	OR 0.89 [0.72, 1.10] P = 0.30, I ² = 0%	n/a	n/a	n/a	n/a
Studies not using opioids in epidural solution removed [26,31,38,48]	n/a	n/a	n/a	n/a	MD 0.48 [0.34, 0.61] P < 0.001, I² = 0%	MD 4.48 [-14.95, 23.91] P = 0.65, I² = 93%	MD 0.76 d [0.22, 1.29] P = 0.005, I ² = 65%	OR 1.06 [0.64, 1.76] P = 0.72, I ² = 44%

95% CI in brackets [], bolded text represents change from primary analysis, CPNB: continuous peripheral nerve block, LOS: length of stay, MD: mean

difference, n/a: not applicable, NRS: Numeric Rating Scale, OME: oral morphine equivalents in milligrams, OR: odds ratio, PONV: postoperative nausea and vomiting