

Comparisons 2a and 2b: Multiple nutrient-enhanced formula compared to control for the prevention of SSI

Quality assessment							№ of patients		Effect		Quality
№ of studies	Study design	Risk of bias	Inconsistency	Indirectness	Imprecision	Other considerations	Multiple nutrient-enhanced formula	Control	Relative (95% CI)	Absolute (95% CI)	
Surgical site infection											
8	RCTs	serious ¹	serious ²	not serious	serious ³	publication bias strongly suspected ⁴	134/770 (17.4%)	122/557 (21.9%)	OR: 0.53 (0.30-0.91)	90 fewer per 1000 (from 16 fewer to 141 fewer)	⊕○○○ VERY LOW
Surgical site infection											
2	Observational	not serious	not serious	not serious	serious ³	none	0/53 (0.0%)	11/54 (20.4%)	OR: 0.07 (0.01-0.53)	186 fewer per 1000 (from 84 fewer to 201 fewer)	⊕○○○ VERY LOW

1. Most studies with unclear allocation concealment and clear blinding of outcome assessors
2. High heterogeneity, $I^2 = 60\%$
3. Optimal information size not met
4. Industry funding and intellectual bias suspected

RCT: randomized controlled trial; CI: confidence interval; OR: odds ratio.