

**Comparisons 1a and 1b:** Single nutrient-enhanced nutrition compared to standard nutrition support for the prevention of SSI

Quality assessment							№ of patients		Effect		Quality
№ of studies	Study design	Risk of bias	Inconsistency	Indirectness	Imprecision	Other considerations	Single nutrient-enhanced nutrition	Standard nutrition support	Relative (95% CI)	Absolute (95% CI)	
Surgical site infection											
5	RCTs	serious <sup>1</sup>	not serious	not serious	very serious <sup>2</sup>	none	3/140 (2.1%)	5/145 (3.4%)	OR: 0.61 (0.13-2.79)	13 fewer per 1000 (from 30 fewer to 56 more)	⊕○○○ VERY LOW
Surgical site infection											
1	Observational	not serious	not serious	not serious	very serious <sup>2,4</sup>	none	2/40 (5.0%)	11/72 (15.3%)	OR: 0.29 (0.06-1.39)	103 fewer per 1000 (from 48 more to 142 fewer)	⊕○○○ VERY LOW

1. Risk of selection bias and detection bias
2. Optimal information size not met and CI includes both appreciable benefit and harm (RR and RRR of 25%)

RCT: randomized controlled trial; CI: confidence interval; OR: odds ratio; RR: relative risk; RRR: relative risk reduction.