

Q3: Single-use disposable adhesive incise drape (antimicrobial or non-impregnated) vs. no adhesive incise drapes

Quality assessment							Nº of patients		Effect		Quality
Nº of studies	Study design	Risk of bias	Inconsistency	Indirectness	Imprecision	Other considerations	Adhesive incise drapes	No incise drapes	Relative (95% CI)	Absolute (95% CI)	
Surgical site infection (iodine-impregnated drapes)											
2	RCTs	serious ¹	not serious	not serious	very serious ²	none	9/103 (8.7%)	3/89 (3.4%)	OR: 2.62 (0.68-10.04)	50 more per 1000 (from 11 fewer to 226 more)	⊕○○○ VERY LOW
Surgical site infection (iodine-impregnated drapes)											
2	Observational studies	not serious	serious ³	not serious	very serious ²	none	29/328 (8.8%)	66/474 (13.9%)	OR: 0.49 (0.16-1.49)	66 fewer per 1000 (from 55 more to 114 fewer)	⊕○○○ VERY LOW
Surgical site infection (non-impregnated drapes)											
2	RCTs	not serious	not serious	not serious	very serious ²	none	40/370 (10.8%)	35/353 (9.9%)	OR: 1.10 (0.68-1.78)	9 more per 1000 (from 30 fewer to 65 more)	⊕⊕○○ LOW

1. Risk of detection bias
2. Optimal information size not met and CI fails to exclude both appreciable benefit and harm (RR and RRR of 25%)
3. High heterogeneity, I²=71%

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