

Q1: Single-use, disposable drapes and/or surgical gowns vs. reusable drapes and/or surgical gowns

Quality assessment							№ of patients		Effect		Quality
№ of studies	Study design	Risk of bias	Inconsistency	Indirectness	Imprecision	Other considerations	Single-use drapes and gowns	Reusable drapes and gowns	Relative (95% CI)	Absolute (95% CI)	
Surgical site infection (drapes and gowns)											
2	RCTs	not serious	not serious	not serious	serious ¹	none	121/2389 (5.1%)	145/2459 (5.9%)	OR: 0.85 (0.66-1.09)	8 fewer per 1000 (from 5 more to 19 fewer)	⊕⊕⊕○ MODERATE
Surgical site infection (drapes and gowns)											
2	Observational studies	not serious	not serious	not serious	serious ²	none	35/446 (7.8%)	22/421 (5.2%)	OR: 1.56 (0.89-2.72)	27 more per 1000 (from 5 fewer to 78 more)	⊕○○○ VERY LOW
Surgical site infection (drapes only)											
1	Observational studies	serious ³	not serious	serious ⁴	very serious ⁵	none	1/250 (0.4%)	6/114 (5.3%)	OR: 0.07 (0.01-0.61)	49 fewer per 1000 (from 20 fewer to 52 fewer)	⊕○○○ VERY LOW

1. Optimal information size met but CI overlaps no effect and fails to exclude important benefit or important harm (RR or RRR of 25%)
2. Optimal information size not met
3. Risk of selection bias, performance bias and detection bias
4. Only pacemaker and implantable cardioverter defibrillator procedures
5. Optimal information size not met and CI fails to exclude both appreciable benefit and harm (RR and RRR of 25%)

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