

**SUPPLEMENTAL MATERIALS**

**Immediate Use Steam Sterilization and the Effect on Surgical Site Infection Risk in an Acute Care Facility**

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**Supplemental Table: Procedure-specific surgical site infection frequency and effect estimates for procedures undertaken with and without one or more devices undergoing immediate use steam sterilization**

Procedure type	Procedures with standard reprocessing		Procedures with ≥1 device undergoing immediate use steam sterilization		Risk ratio	(95% confidence interval)
	Without surgical site infection	With surgical site infection	Without surgical site infection	With surgical site infection		
Orthopedic surgery	2,542	25	305	3	1.00	(0.34, 3.29)
General surgery	8,721	116	267	4	1.12	(0.42, 3.02)
Neurosurgery	4,409	97	511	15	1.33	(0.78, 2.27)
Otorhinolaryngology	380	15	35	2	1.42	(0.34, 5.99)
Thoracic Surgery	833	15	23	1	2.36	(0.32, 17.11)
Transplant Surgery	2,400	62	166	11	2.47	(1.32-4.60)
Plastic Surgery	250	12	15	3	3.64	(1.13-11.74)
Cardiac Surgery	1,474	10	131	0	N/A	
Vascular Surgery	705	19	16	0	N/A	
Urology Surgery	194	4	15	0	N/A	
Cardiology Surgery	83	0	0	0	N/A	
Gynecological Surgery	13	0	0	0	N/A	
Obstetrics Surgery	5	1	0	0	N/A	
Podiatry Surgery	5	0	0	0	N/A	
Ophthalmology Surgery	4	0	1	0	N/A	
All Surgery Types	22,018	376	1,485	39	1.52	(1.10-2.11)

N/A, not applicable (risk ratio with confidence intervals could not be calculated)