

Cord Management Drape™

Business Model

PART #: 6000
DESCRIPTION: Sterile Cord Management Drape, Patent Pending
UNIT OF MEASURE: Box of 50

Common Tools in an Orthopedic Surgery	Price	Average Replacement Cost (1) Tool Fall	Worst Replacement Cost (1) Tool Fall
Burner	\$ 130.00		\$130.00
Metal Clamp*	\$ 90.00		
Shaver	\$ 45.00		
Bovie	\$10.00		
Suction Tip	\$ 3.00		
Tool Replacement Cost per Procedure		\$55.60	\$130.00
Cost of OR Time	\$46.04/min**		
Average Procedure Delay Due to Sterile Tool Falling Out of the Sterile Field	7.6 mins**	\$349.90	\$349.90
Total Procedure Cost of Sterile Tool Falling Out of the Sterile Field		\$405.50	\$476.90
Estimated Ortho Procedures per Facility per Year and Related Costs of Sterile Tool Falls	1,000	\$405,500	\$479,900
Estimated Annual Cost Based on Frequency of Fall	38%***	\$154,090	\$182,362
Cost of Cord Management Drape Based on 1,000 Procedures	\$10.00	\$10,000	\$10,000
Estimated Annual Savings		\$144,090	\$172,362

* Metal Clamps are frequently used to secure cords to sterile patient drapes. The weight of the clamp pulls on the patient drape with a tendency to tear the drape. Tears represent a breach of sterility and pose a risk of infection.

** Cost of Operating Room Time is \$46.04 per Minute
https://www.researchgate.net/publication/364098813_Cost_of_OR_Time_is_4604_per_Minute

*** Accidentally falling instruments during orthopaedic surgery: time to wake up! <https://pubmed.ncbi.nlm.nih.gov/18844911/>



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