Perioperative Efficiency

Johnson & Johnson Medical Devices Companies (JJMDC)
CareAdvantage approach enables partnership with health system to improve operating room efficiencies in spine surgery

Needs Identification

• Reduce the total number of JJMDC trays being opened per procedure to drive a reduction in sterilization costs
• Minimize time spent managing JJMDC instrumentation table before and after procedures

JJMDC Capabilities*

• The JJMDC Operating Room Data Tracker tool provided customized analysis of case time performance versus baseline
• Optimized instrument tray sets, including the most commonly used standard instrumentation, eliminating the extraneous instruments
• Reduction in JJMDC trays delivered significant sterilization cost savings and provided scrub techs additional time to manage case flows

Delivering Results²

• 1,572 fewer trays used

An industry analysis of instrument use in trays across multiple specialties revealed that less than 25% of instruments were being used; additionally, an increase in instruments per tray correlated with more instances of incorrect instrument selection.¹

• 43% reduction in OR setup and OR clean down time

• $196.5K annualized savings on sterilization costs†

• 20 tons of tray weight reduced


*All analyses and reviews focused on processes and performances related to JJMDC products only
† Assumes sterilization costs of $125 per tray

These are examples that are specific to JJMDC spine products only and do not guarantee or predict future results, which will vary depending on individual circumstances.