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Collaborative Strategies To Reduce Incomplete Operating Room Instruments Trays

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Collaborative Strategies To Reduce Incomplete Operating Room Instruments Trays



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Facilitators: Nicole Wagner, Colby Fike. Op Ex Coach: Suneela Nayak

Team Members: Sterile Processing leaders and Tech, OR leaders and services

 Problem/Impact Statem Missing instruments identified in surgeons and surgical teams, and high number of missing and lost and correct instrumentation. Surprovider and team experience as Scope: In Scope: MMC Sterile Proof different surgical services). Out of Scope: Outpatient Statement Strument Strume	n the middle of a surgica d cause challenges to over t instruments, and devel accessfully restoring miss s well as reduced waste b cessing Department of Surgical care at MH he	erall patient flow throu oped an improvement sing and lost surgical in by eliminating the cost o or "SPD", Inpatient (ospitals	gh surgical pathways. We strategy to locate and rest struments impacts safe p of expensive instrument r Operating Room Clust	e identified a tore complete atient care, replacement. ters (the	
• Update tray 'recipes' to end Baseline Metrics/Current		ts needed are include	ed in tray provided to s	urgeon.	
Number of Missing6000Missing2000Instruments at start of project0	5459 Jan 2020	5459 Business Case: Jan • avoidable cost to replace missing instrument			
Root Cause Analysis:					
 Data Limited sharing of missing instrument data between t OR and SPD 		Process rocesses in place to at instruments th trays	Employees in SP	 People Employees in SPD and the OR functioned in Silos 	
Countermeasures	Action		Owner	Date Complete	
	1. Using tracking system to generate a missing instrument report and separate out missing instruments by surgical cluster. Members of the OR team joined SPD to learn how the sterilization process worked, so that they could make data-driven			Dute complete	

 1. Osing tracking system to generate a missing instrument report and separate out missing instruments by sugged cluster.
 SPD Leadership

 Members of the OR team joined SPD to learn how the sterilization process worked, so that they could make data-driven decisions.
 SPD Leadership

 2. Missing instrument reports were shared with each OR cluster and if instruments had been missing 30, 60, 90 days, decisions were made in partnership about whether the instrument was needed in the surgical tray.
 SPD

 3. Each SPD tech was given a copy of a section of the missing instrument report and a corresponding OR cluster resource, so that they could see the impact of their work as instruments were located
 SPD Techs

that they could see the impact of their work as instruments were located.	SPD Techs
4. The missing instrument report was printed every day and shared with each OR cluster. S do now?" and the OR would call to ask that the instrument be added or removed from the	
5. To sustain results, SPD and the OR built a collaborative approach to missing instrumen empowerment was created, where each tech can openly discuss issues, missing instruments	
6. To sustain results, SPD met with the OR to determine how their cases are broken down are going missing. A tag process in decontamination was created to allow SPD to keep all t the cleaning process and the prep and pack process.	1
Outcomes	
As a result of this work, this number has decreased to a little over 2,000 in June 2020, with a low point of 1,691 still missing in May.	Technicians, OR leaders and Surgical Service Team the numbers of instruments and related avoidable costs being replaced has reduced by >50%.
Total Instruments Missing 6000 5459 5000 4165 4000 3490 3000 2306 1967 1691 1000 Jan. 2020 Feb. 2020 Mar. 2020 Apr. 2020 May.2020	6155 Missing Instruments now returned to complete surgical trays
Next Steps	

- 1. Continue to monitor and track data on missing instruments and incomplete trays
- 2. Develop, test and implement routine workflows to identify and locate missing instruments
- 3. Maintain positive working relationships across surgical services with the shared goal of providing safe, effective and reliable¹ care to our patients.