

NERVES Annual Meeting

Are you Measuring What Matters?



April 2023

Optimize Surgical Care with the Avant-garde CareMeasurement Applications





CareMeasurement Cost Management

New England Baptist Hospital



Summary View with National Benchmarks

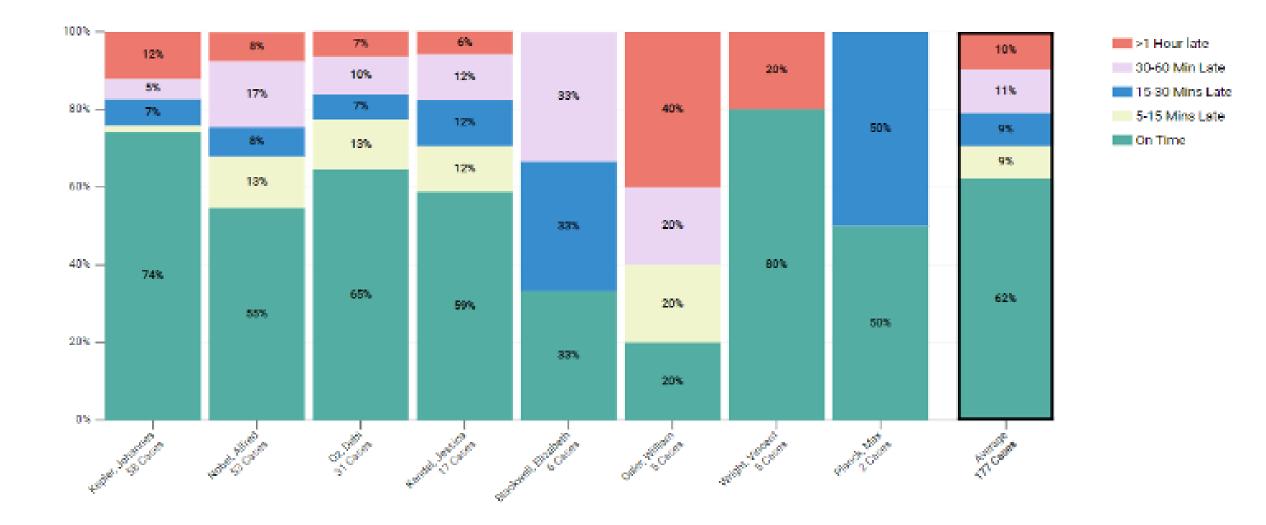
	Case Volume		Average In-Hospital Costs/Case				
Procedure (Ranked by Case Volume)	180-Day Trend Sep 01, 2022 - Feb 28, 2023	365-Day Total Mar 01, 2022 - Feb ▼ 28, 2023	180-Day Trend Sep 01, 2022 - Feb 28, 2023	Your Hospital Mar 01, 2022 - Feb 28, 2023	National 50th Percentile	National 90th Percentile	More
Single-Level ALIF/LLIF Inpatient DRG 455, 460, and Outpatient Degenerative	9 5	103	6,000	\$23,832	\$20,317	\$17,531	:
Single-Level PLIF/TLIF Inpatient DRG 455, 460, and Outpatient Degenerative	3	49	4,000	\$22,414	\$16,413	\$14,223	:
Single-Level ACDF Inpatient DRG 471, 472, 473, and Outpatient Degenerative	4	36	9,958	\$11,350	\$7,335	\$5,790	•
Single-Level ALIF/LLIF Inpatient DRG 454, 456, 459 Degenerative	5	35	9,600	\$28,776	\$25,997	\$20,635	* * *
Single-Level Posterior Fusion Inpatient DRG 455, 460, and Outpatient Degenerative	5	29	5,705	\$17,903	\$12,489	\$10,420	:
2-Level ACDF Outpatient Degenerative		25	2,567	\$15,635	\$8,529	\$7,076	:

Cost Variations by Physician with National Benchmarks



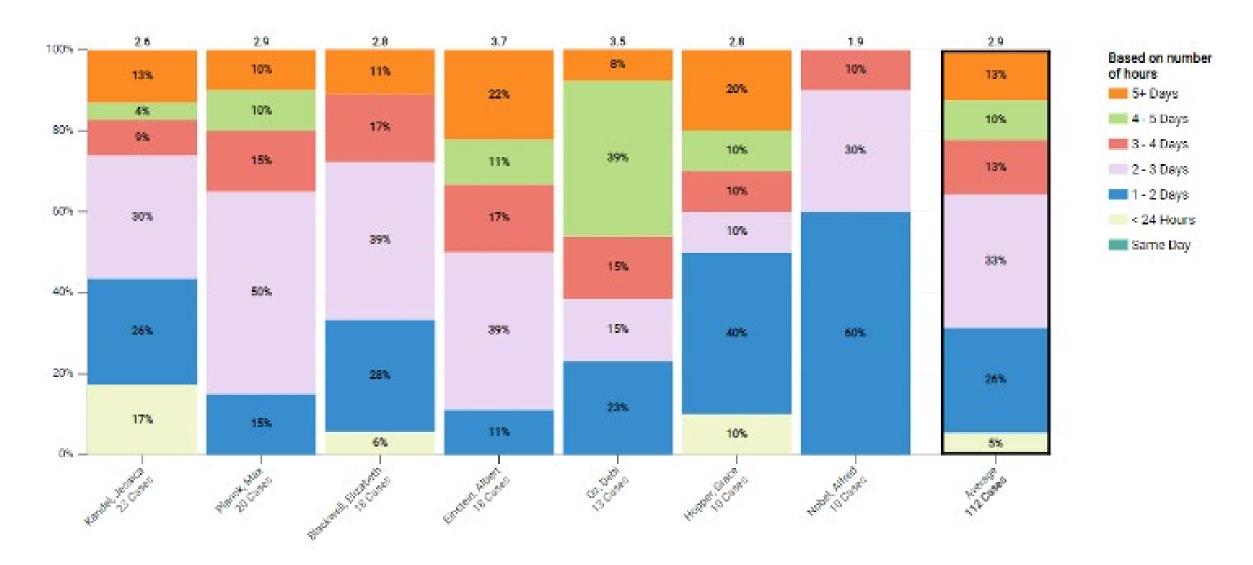
Detailed Metrics by Physician

Percent of On Time OR Starts by Physician

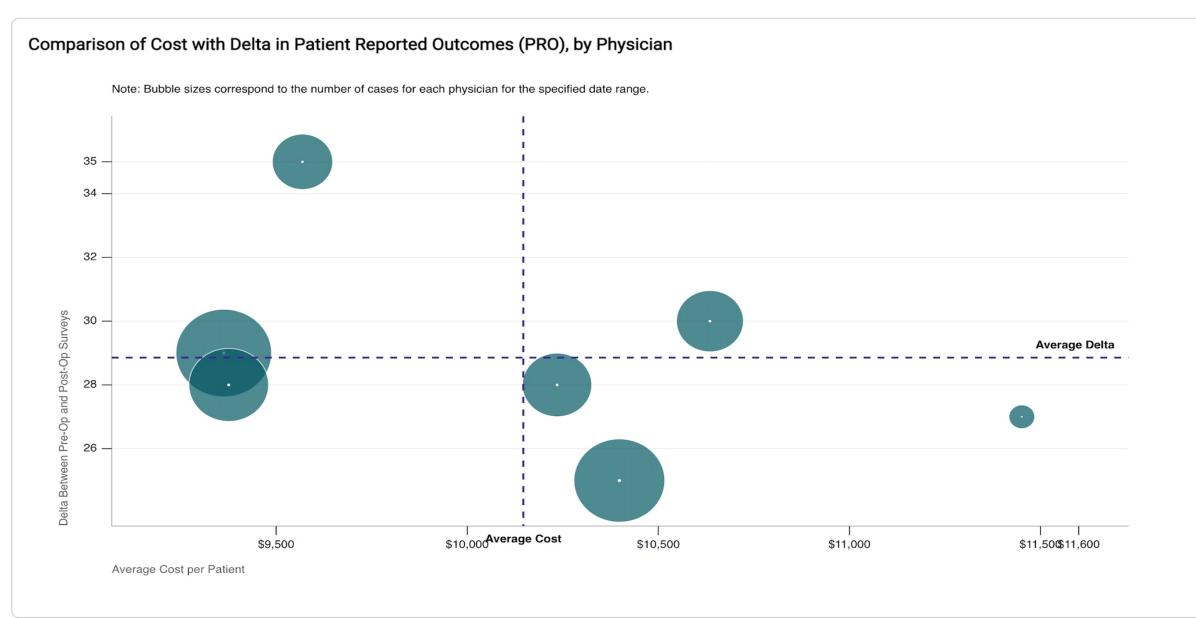


Comparison of Outcomes Across Physicians

Average Length of Stay (%) by Physician



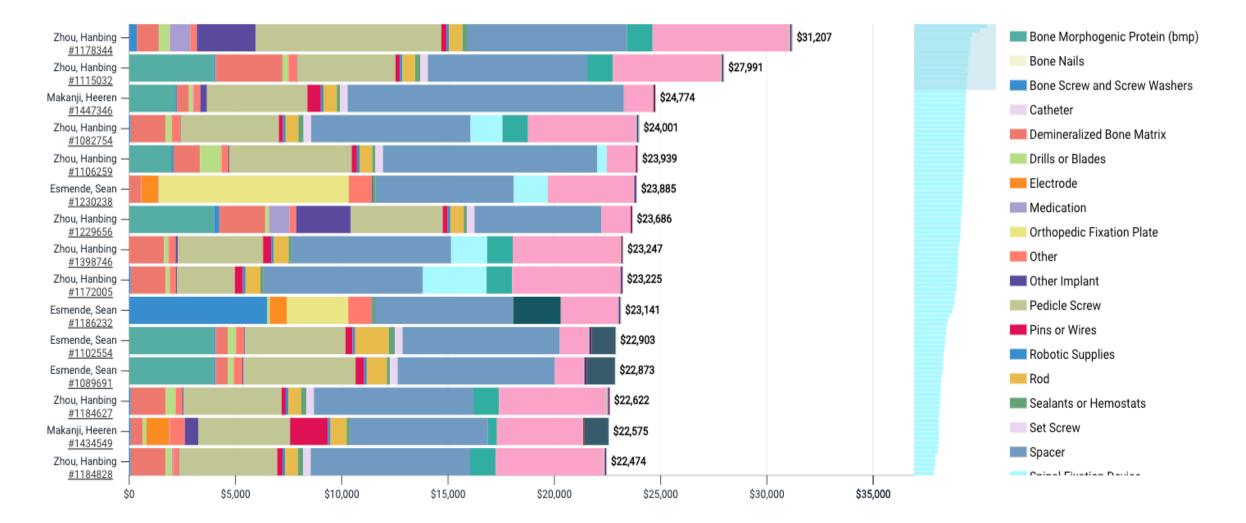
Comparison of Outcomes Across Physicians



Detailed Categorized Views of Supply Utilization

Supply Cost Details by Case

103 cases total



Financial Reporting





CareMeasurement Throughput

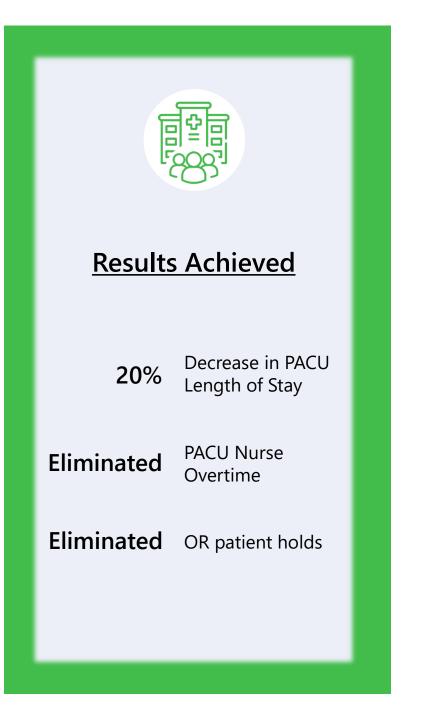
Community Hospital PACU Backups Addressed



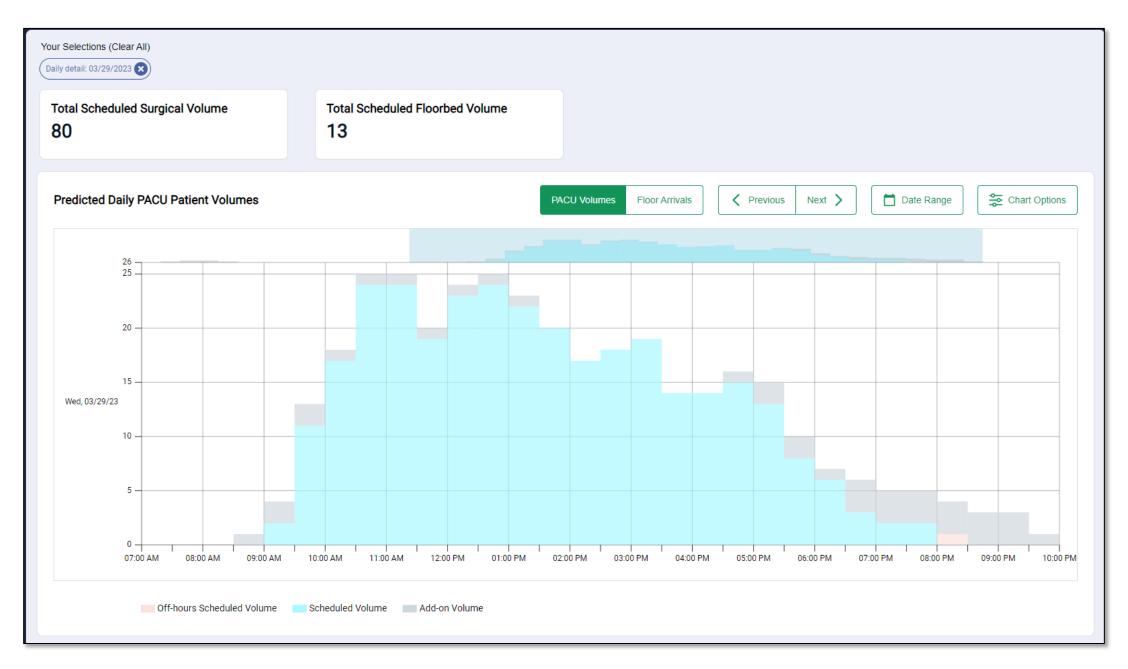
Patient holds in PACU due to unavailable floor beds



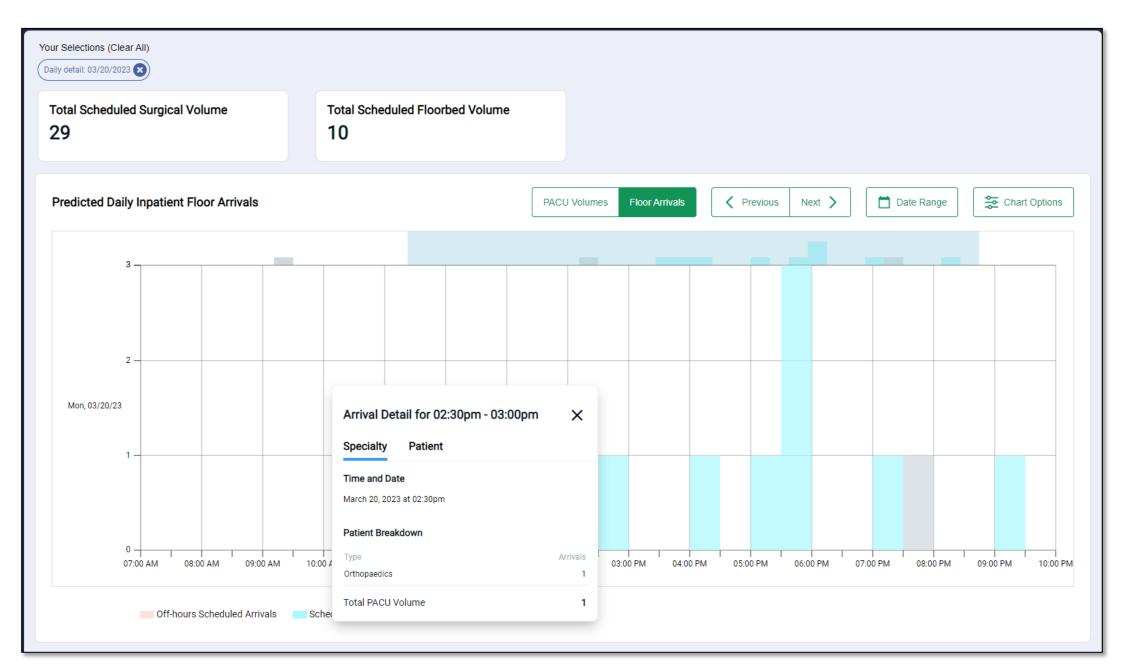
CM Throughput data used in daily huddles among PACU, Floor, & Case Management



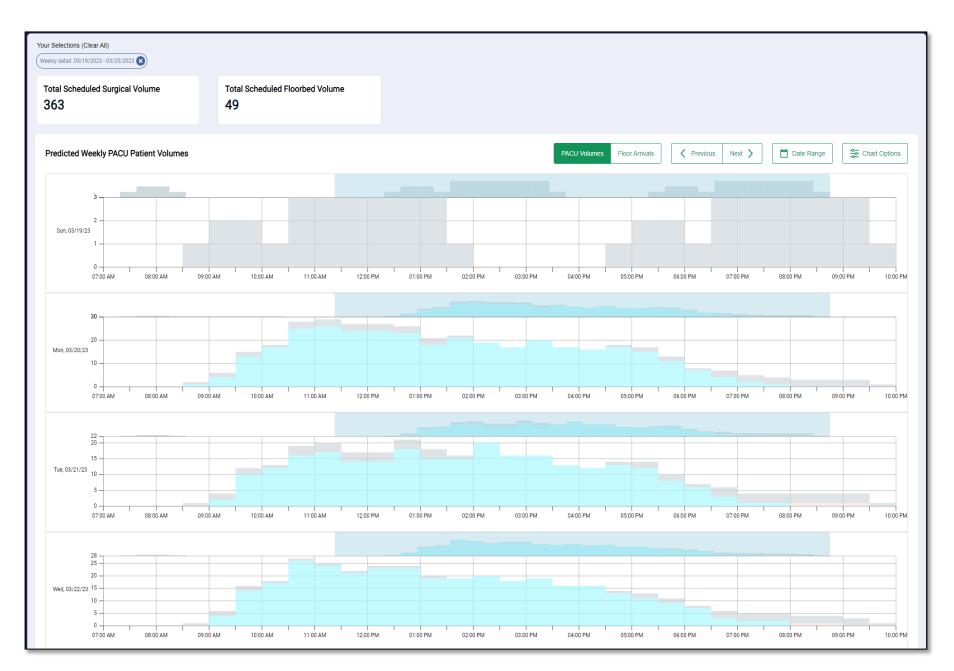
Predicted Daily PACU Patient Volumes



Predicted Daily Surgical-Patient Floor Bed Needs



Predicted Weekly PACU Patient Volumes





CareMeasurement Quality (ERAS)

ERAS Streamlined at Brigham and Women's Hospital



ERAS required 3-4 Data Coordinators



The Solution

Manual Work Reduced by 75%



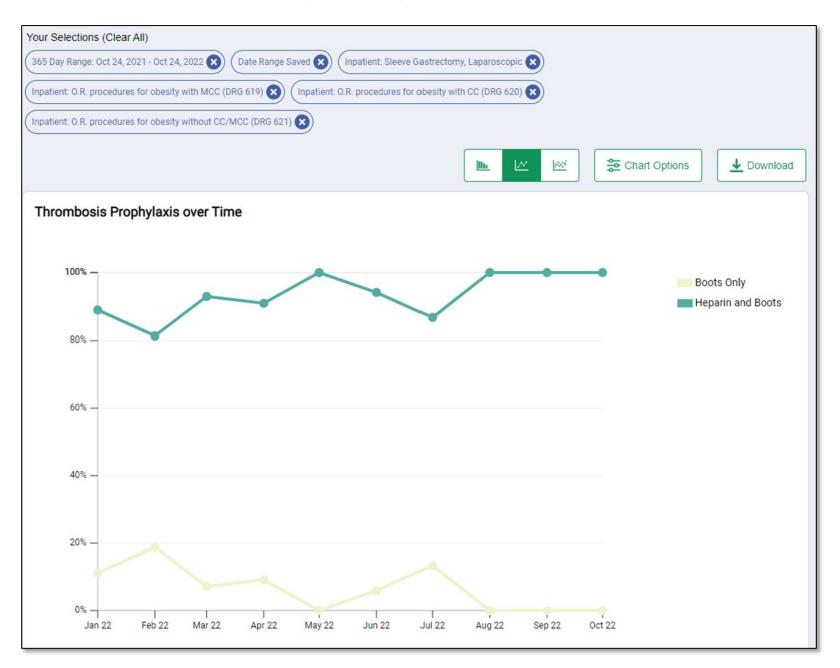
One of only four certified ERAS Centers of Excellence in the United States

BWH Data Coordinators highlight their "Easy access to credible data and the ability to quickly identify issues and trends"

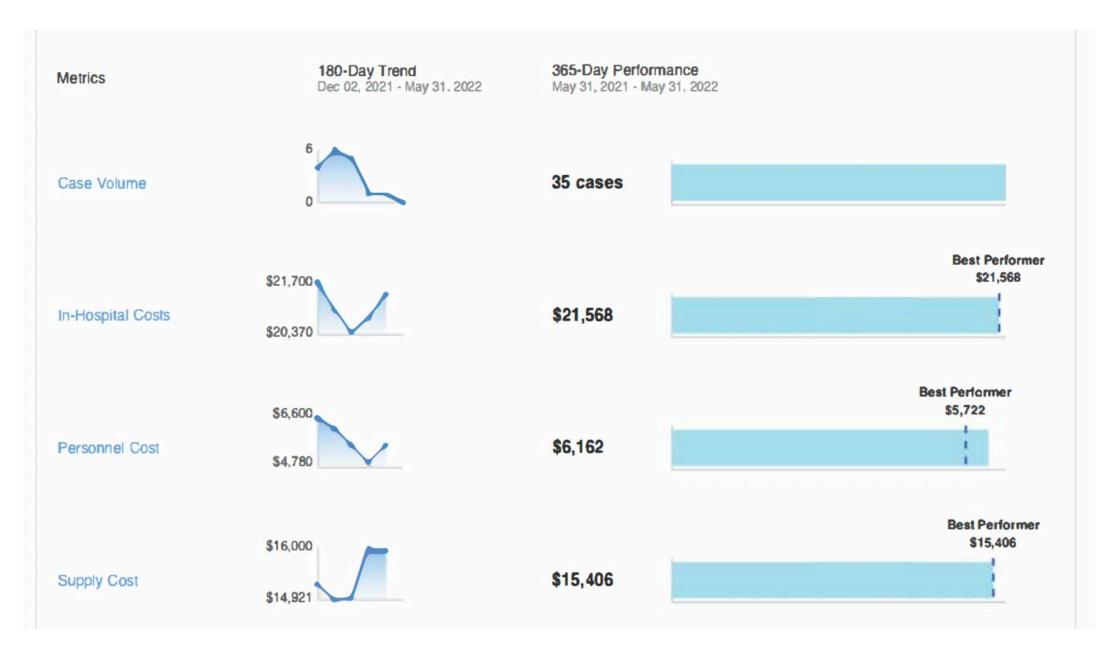
ERAS Pre-op Compliance by Physician



Quality Compliance Trend



Physician Score Card with Cost and Quality Benchmarks (Part 1)



Physician Score Card with Cost and Quality Benchmarks (Part 2)





CareMeasurement Coding

Coding Errors Corrected: \$580,000 **Total Additional Revenue**



Health System #1	Recognized by US News & World Report in its annual "Best Hospitals" rankings. Spine procedure coding opportunities identified yielding \$800,000 in additional reimbursement revenue
Health System #2	This Health System is part of a top 10 US Healthcare System and recognized by US News and World Report in its annual rankings. Spine procedure coding opportunities identified yielding \$530,000 in additional reimbursement revenue

Coding Errors Flagged Based on Supplies Used

13	AVANT-GARDE HEALTH Care Measurement			Specialties v	PAC Tools Coding Optimiz	zation 🗹 ? 🤇	Hi, Dina! Demo A
М	liscodings: Jun 30, 2022 - Ju	ıl 30, 2022				Q Search	<u>↓</u> Download
	Total Cases Displayed						
	25						
н	Hospital Case No.	Hospital Patient ID	Physician	Date of Surgery	Procedure	Miscoding Reasons	
4	428739	116747468	Leverett, Ben	Jul 28, 2022	Total Hip Replacement: Hip Joint	Revision component found in Primary Total Joint Replacement procedure	see details
4	131361	117058258	Hopper, Grace	Jul 23, 2022	Total Knee Replacement: Knee Joint	Revision component found in Primary Total Joint Replacement procedure	see details
7	72c5fd6a175e	9df71dab5520	Osler, William	Jul 09, 2022	Esophagogastroduodenoscopy (EGD)	Stents should not be in EGDs	see details
6	c762b8dafcd	d6ef65cd79ff	Osler, William	Jul 08, 2022	Esophagogastroduodenoscopy (EGD)	Stents should not be in EGDs	see details
c	91df36932ad	a6d7bcff4af3	Henry, Joseph	Jul 07, 2022	Esophagogastroduodenoscopy (EGD)	Stents should not be in EGDs	see details
s	3-999-AGH	S-999	Jones, Megan	Jul 01, 2022	Single-Level Posterior Fusion: Lumbar	Spacers should be in DRG 455 (Combined Anterior/Posterior Spinal Fusion W//LCC/MCC)	see details
2	250309-AGH	1056585	Oz, Debi	Jul 01, 2022	Single-Level Posterior Fusion: Lumbar	Spacers should be in DRG 455 (Combined Anterior/Posterior Spinal Fusion W/O CC/MCC)	see details

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