



## ABSTRACTS

American Society of Anesthesiology (ASA) ADVANCE - Previously the ASA Practice Management Meeting | 2017-2023

### 2023

Harold Burke, MD: Evaluating Provider Team Efficiency with Varying Utilization of Surgical Block Time (authors: Burke H, Cantees KK, Tarnasky AM, Lebovitz EE, Beaman ST, Hudson ME)

Kimberly Cantees, MD, MBA: Provider Team Efficiency: Defining a Key Performance Indicator (authors: Burke H, Cantees KK, Wang S, Lebovitz EE, Beaman ST, Hudson ME)

Evan Lebovitz, MD, MBA: Financial Impact of Residents on Provider Expense in a Large Academic Anesthesiology Department (authors: Nahouraii L, Lebovitz EE, Brea Parrilla F, Cantees KK, Metro DG, Adams P, Hudson ME)

Evan Lebovitz, MD, MBA: Scheduling Experience with Traveling Staff in the Operating Room at a Large Academic Institution (authors: Lebovitz EE, Cantees KK, Yin W, J. Kim J, Beaman ST, Hudson ME)

Samuel Kosinski, MD: A Multi-Provider Approach to Improving Anesthetizing Location Capacity in a Large Multihospital Health Care System (authors: Lebovitz EE, Nanez M, Kosinski SA, T. Orsino T, Artman J, Hudson ME)

### 2022

Burke H, Lebovitz EE, Hudson ME. Quantifying Provider Team Efficiency, OR Cost, and Various Other OR Metrics in a Large Quaternary Care, Academic Hospital System

Burke H, Brancolini SA, Gama W, Harkrider B, Lan W, Meriggi J, Navlani R, Phillips D; Punzell S, Emerick TD. Reporting Methodology for Increased Outpatient Ketamine Infusion Wait Times

Cantees K, Deis A, Lebovitz EE, Beaman ST. Actual Versus Estimated Anesthetizing Locations Forecasting Pitfalls



Cantees K, Deis A, Lebovitz EE, Hudson ME; Beaman ST. Surgical Services Scheduling in a Constrained Labor Environment: Part I

Cantees K, Deis A, Lebovitz EE, Hudson ME, Beaman ST. Surgical Scheduling in a Constrained Labor Environment: Part II

Lebovitz EE, Cantees K, Beaman ST, Hudson ME. Variable Attending Anesthesiology Assignment System Allowed for Optimization of Ratios to Match Staffing Demands. *3rd place winner, FAER Best of Meeting Competition*

Wang S, Yin M, Lebovitz EE, Hudson ME. The Effect of COVID-19 on Urban and Rural Hospital Operating Room Case Type and Number



## 2021

Burke H, Lebovitz EE, Ball R. The Effect of Modular Clinical Staffing Assignments on Augmenting Increased COVID Clinical Demand

Burke H, Morrissey S, Emerick TD. Refining Business Strategy through the Development of a Chronic Pain Division Activity System Map

Wang S, Emerick TD. A Study of an Academic Chronic Pain Clinic Workflow Using Value-Added Versus Non Value-Added Analysis

Wang S, Shah N, Lebovitz EE, Hudson ME. The Impact of COVID-19 Pandemic on Operating Room Utilization and Anesthesia Group Productivity in Academic Medical Centers, Community Hospitals, Pediatric Hospital, and Ambulatory Surgery Centers. *2nd Place Winner, FAER Best of Meeting Competition*

## 2020

Abouleish A, Whitten C, Hudson ME. Staffing and Surgical Anesthesia Productivity of Surgical Facilities in Academic Anesthesiology Departments: 2019 SAAAPM Report on Productivity

Bintrim D, Morrissey S, Law C, Johnson M, Hudson ME, Wasan A, Emerick TD. Outpatient Ketamine Infusion Program Cost Analysis in a Large Academic Medical Center Department of Anesthesiology

Burke H, Morgan M, Richardson C, Lebovitz EE, Hudson ME. Opportunity Cost due to Non-Surgical Time

Holden R, Flemming T, Emerick TD. An Academic Chronic Pain Clinic's Phone Call and Email Communication Volume as a Demonstration of The Six Sigma Methodology Pareto Principle

Lebovitz EE, Ball R, Shah N, Hudson ME. Cost Analysis of Anesthesia Type Variation Between Hospitals within a Large Academic Medical Center

Morgan M, Richardson C, Burke H, Lebovitz EE, Hudson ME. Concurrency Ratios vs. tASA per OR per day in a Multicenter, Large Academic Institution

Shah N, Emerick TD. Utilization of Lean Methodology and Six Sigma Methodology in an Academic Chronic Pain Practice

Shah N, Wang S, Molzahn C, Lebovitz EE, Hudson ME. Using Cost and Productivity Surveillance to Identify Variance in Surgical Services Efficiencies Across a Large Multihospital Health Care System

Wang S, Shah N, Molzahn C, Lebovitz EE, Hudson ME. Using Cost and Productivity Surveillance to Identify Unjustified Provider Underutilization Stemming from Gap Time and Delayed First Starts

Yin M, Emerick TD. Analysis of Medical Cannabis Certification in a Chronic Pain Division of a Large Academic Medical Center





## 2019



Goldstein S, Shah N, Littwin SM, Hudson ME. Seasonal Variation in Operating Room Costs

Lebovitz EE, Shah N, Artman J, Littwin SM, Hudson ME Cost Effectiveness Analysis of Sugammadex Compared to Neostigmine for Reversal of Rocuronium-Induced Neuromuscular Blockade in a Large, Multi-Hospital Healthcare System

Molzahn C, Lebovitz EE, Littwin SM. Effect of Operating Room Staff Call-Offs on First Case Start Efficiency

Shah N, Jarquin S, Gillman A, Wasan A, Emerick TD. Developing the Department of Anesthesiology as a Cost-Savings Leader Through a Smoking Cessation Program in an Outpatient Chronic Pain Clinic

Shah N, Lebovitz EE, Artman J, Littwin SM, Hudson ME. Riding the Winds of Change: Evolution of an Anesthesiology Value Metrics Incentive Program within a Large Academic Medical System. *2nd place winner, FAER Best of Meeting Competition*

Shah N, Straesser S, Littwin SM Effects on Operating Room Costs Due to Inefficient Scheduling

Shah N, Zariwala A, Lebovitz EE, Littwin SM, Hudson ME. Variations in Costs Per Operating Room Hours Between Hospitals and Ambulatory Surgical Centers

## 2018

Lebovitz EE, Hudson ME, Littwin SM. Mandatory Environmental Savings Initiative (MESI): Cost Comparison of Anesthetic Techniques in a Large University Hospital System

Giedraitis A, Artman J, Stewart B, Mammarella S, Hudson ME. Developing an Operating Room Scorecard for a Large, Multi-hospital Health System

Shah N, Littwin SM, Artman J, Hudson ME. Utilizing a “Value” Incentive to Rapidly Introduce Evidence Based Practice Across a Large Multihospital Health Care System

## 2017

Giedraitis A, Emerick TD, Nelson D, Hudson ME. Anesthesia Labor Costs at Different Hospitals within a Large Multi-Hospital Health System

Giedraitis A, Fleming T, Hudson ME, Nelson D, Emerick TD. Reconsultation of Chronic Pain Patients at a Large, University-based Hospital

Hundley H, Hudson ME, Emerick TD. Outpatient Chronic Pain Clinic Scheduling Efficiency Analysis





Hundley H, Hudson ME, Emerick TD. Development of a Personalized Smart Schedule in an Outpatient Chronic Pain Clinic Through Use of a Gantt Diagram

Muller IR, Stelzer SR, Adams DC, Hudson ME, Tsai MH. A Potential Association Between Burnout Rates and Operating Margins for Anesthesiologists

Nelson D, Boretsky R, Emerick TD, Giedraitis A, Hudson ME. Creating a System-wide Room Running Cap in a Large Multi-Hospital System. *2nd place winner, FAER Best of Meeting Competition and first place Resident/Fellow Poster Award winner*

Tsai MH, Breidenstein MW, Marnanides AP, Hudson ME, Maktabi MA. Benchmarking Clinical Productivity for Non-Operating Room Anesthesia Cases. *1st place winner, FAER Best of Meeting Competition*