“Surgical Outcomes Research: Examples from a Learning Health System”

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Abstract:
The Agency for Healthcare Research and Quality (AHRQ) describes a Learning Health System as “a health system in which internal data and experience are systematically integrated with external evidence, and that knowledge is put into practice”. In this presentation, research and quality improvement projects focused on surgical care that have both resulted in peer reviewed publications and contributed to the learning health system of Mayo Clinic will be discussed.

Biography:
Dr. Elizabeth Habermann is a Professor of Health Services Research at the Mayo Clinic. She received her BS in Biology and Environmental Studies from the University of Wisconsin, Madison, and an MPH in Public Health Administration and Policy and PhD in Health Services Research, Policy and Administration from the University of Minnesota. Dr. Habermann was an Assistant Professor of Surgery and the co-director of Surgical Outcomes Research Center at the University of Minnesota before joining Mayo Clinic in 2012.

As the Robert D. and Patricia E. Kern Scientific Director for Surgical Outcomes in the Mayo Clinic’s Kern Center for the Science of Health Care Delivery, she leads teams that utilize both institutional and United States national data to study the quality and outcomes of surgical care. She has published research across a broad spectrum of surgical procedures, including complex cancer surgery as well as neurological, orthopedic, gynecological and urologic procedures, yet is always centered on improving patient care.

Recently, Dr. Habermann has led collaborative work across a number of Mayo Clinic surgical specialties to assess the current state of opioid prescribing by Mayo Clinic providers, survey patients on their postoperative opioid consumption and related experiences and use the resulting data as well as the scientific literature to develop and implement evidence-based, procedure-specific and patient-specific guidelines for surgical providers prescribing opioids at discharge. This work also led to her appointment to the Board of Scientific Counselors for the United States Department of Health and Human Services Centers for Disease Control and Prevention, National Center for Injury Prevention and Control.