

Name of Paper	Authors	Year of Publication	Journal	Setting	Number of Participants	Participant Characteristics	Data Collection
Challenges to the Practice of Evidence-Based Medicine during Residents' Surgical Training: A Qualitative Study Using Grounded Theory	Bhandari et al	2003	Academic Medicine	Canadian Hospitals	28	Surgical Residents	Semi-structured interviews
Barriers to the Practice of Evidence-Based Urology	Scales et al	2008	Journal of urology	American Hospital	365	Members of Society of Urology	Online Survey
Clinicians concerns about decision support interventions for patients facing breast cancer surgery options: understanding the challenge of implementing shared decision-making	Caldon et al	2010	Health Expectations	Four breast units in a UK region	24	surgeons, oncologists	Semi-structured interviews
Barriers to implementing protocols for kidney paired donation and desensitisation	Clarke et al	2010	Process in Transplantation	American Hospitals	96	medical/surgical director of kidney transplantation	online survey
Surgical site infection prevention: a survey to identify the gap between evidence and practice in University of Toronto teaching hospitals	Eskicioglu et al	2011	Canadian Journal of Surgery	University of Toronto Hospital	76	General surgeons and surgical residents	online survey
A qualitative study comparing experiences of the surgical safety checklist in hospitals in high-income and low-income countries	Aveling et al	2013	BMJ Open	one African university hospital and two UK university hospitals	39	Clinicians	Semi-structured interviews

A Qualitative Study Assessing the Barriers to Implementation of Enhanced Recovery After Surgery	Lyon et al	2014	World Journal of Surgery	Royal Prince Alfred Hospital	18	Medical staff, Nursing staff, Allied health professionals, Executive Office	Semi-structured interviews
A Qualitative Evaluation of the Barriers and Facilitators Toward Implementation of the WHO Surgical Safety Checklist Across Hospitals in England	Russ et al	2015	Annals of Surgery	English Hospitals	119	Surgeons, Anaesthetists, Nurses and Technicians	Semi-structured interviews
The OneTogether collaborative approach to reduce the risk of surgical site infection: identifying the challenges to assuring best practice	Wilson et al	2015	Journal of Infection Prevention	London Hospitals	84	Nurses, ODPs	Focus groups
Supplementary Educational Models in Canadian Neurosurgery Residency Programs	Ryu et al	2016	The Canadian Journal of Neurological Sciences	Canadian Hospitals	45	neurosurgical program directors and residents	Online Survey
Facilitators and barriers of implementing enhanced recovery in colorectal surgery at a safety net hospital: A provider and patient perspective	Alawadi et al	2016	Surgery	American Hospital	18	Doctors, nurses and patients	Semi-structured interviews

Protocols for Management of Underserved Patients Undergoing Arthroplasty: A National Survey of Safety Net Hospitals	Bernstein et al	2018	The Archives of Bone and Joint Surgery	American Hospitals	30	Clinicians, nurses and hospital staff	Online Survey
Use of reprocessed external fixators in orthopaedic surgery: a survey of 243 orthopaedic trauma surgeons	Thamyongkit et al	2018	Patient Safety in Surgery	American Hospital	243	orthopaedic surgeons	Online Survey
Minimizing Opioid Prescribing in Surgery (MOPiS) Initiative: An Analysis of Implementation Barriers	Coughlin et al	2018	Journal of Surgical Research	American Hospital	22	Surgeons, Nurses, Pharmacists, Administrators	Semi-structured interviews
EXploring practice gaps to improve PERIoperative Nutrition CarE (EXPERIENCE Study). a qualitative analysis of barriers to implementation of evidence-based practice guidelines.	Byrnes et al	2019	European Journal of Clinical Nutrition	Australia	13	Clinicians (surgeons, anaethetists and nursing staf)	Semi-structured interviews
Decentralized virtual reality mastoidectomy simulation training. a prospective, mixed-methods study	Frendo et al	2019	European Archives of Oto-Rhino-Laryngology	Germany	20	Otolaryngology Residents	Questionnaire and Focus Groups
A Provincial Assessment of the Barriers and Utilization of Enhanced Recovery After Surgery After Colorectal Surgery.	Springer et al	2019	Journal of Surgical Research	Canada	235	General Surgeons	Online Survey

Using patient self-checklist to improve the documentation of risk of postoperative nausea and vomiting: an implementation project	Zheng et al	2019	International Journal of Evidenced-Based Healthcare	Australia	Not published	Staff surgeons, nurses and anaethetists	"Consultations"
National survey of enhanced recovery after thoracic surgery practice in the United Kingdom and Ireland.	Budacan et al	2020	Journal of Cardiothoracic Surgery	UK & Ireland	82	Majority Consultant Thoracic Surgeons	Online Survey
Safer Surgery Checklist. Barriers in the Adoption of Tablets in Operating Room.	Colussi et al	2020	Studies in Health Technology and Informatics	Argentina	41	Surgical Technicians	Focus Groups, Interview and Observation
Microlaryngeal Teaching Courses. A National Survey on Prevalence, Value, and Barriers to Implementation.	Dhillon et al	2020	Annals of Otolary, Rhinology & Laryngology	USA	67	Otolaryngology Training Program Directors	Questionnaire
Key factors for implementing mindfulness-based burnout interventions in surgery.	Lebares et al	2020	The American Journal of Surgery	USA	64	Surgical Trainees	Focus Groups, Interview and Surveys