

**Additional file 3 - papers not included after full text review***Not surgical*

Dowsett C, Taylor C. Reducing variation in leg ulcer assessment and management using quality improvement methods. *Wounds UK*. 2018;14(4):46-51.

Edmiston R, Anmolsingh R, Khwaja S, Kumar BN. ENT Quality Improvement Program as a tool to improve the collection of morbidity and mortality data: a multisite audit carried out over 6 months. *BMJ open quality*. 2019;8(3):e000501.

Malcolm W, Nathwani D, Davey P, Cromwell T, Patton A, Reilly J et al. From intermittent antibiotic point prevalence surveys to quality improvement: experience in Scottish hospitals. *Antimicrobial Resistance and Infection Control*. 2013.

Russell GK, Jimenez S, Martin L, Stanley R, Peake MD, Woolhouse I. A multicentre randomised controlled trial of reciprocal lung cancer peer review and supported quality improvement: results from the improving lung cancer outcomes project. *British Journal of Cancer*. 2014.

McGrath BA, Lynch J, Bonvento B, Wallace S, Poole V, Farrell A, et al. Evaluating the quality improvement impact of the Global Tracheostomy Collaborative in four diverse NHS hospitals. *BMJ quality improvement reports*. 2017;6(1).

*No patient-related outcome*

McCulloch P, Morgan L, Roberston E, New S, Catchpole K, Hadi M, et al. Combining systems and teamwork approaches to enhance the effectiveness of safety improvement interventions in surgery: The safer delivery of surgical services (S3) program. *Annals of Surgery*. 2017;265(1):90-96.

Moore J, Merchant Z, Rowlinson K, McEwan K, Evison M, Faulkner G, et al. Implementing a system-wide cancer prehabilitation programme: The journey of Greater Manchester's 'Prehab4cancer'. *European Journal of Surgical Oncology*. 2021;47(3):524-532.

Pinto A, Benn J, Burnett S, Parand A, Vincent C. Predictors of the perceived impact of a patient safety collaborative: an exploratory study. *International journal for quality in health care : journal of the International Society for Quality in Health Care*. 2011;23(2):173-181.

Burnett S, Benn J, Pinto A, Parand A, Iskander S, Vincent C. Organisational readiness: exploring the preconditions for success in organisation-wide patient safety improvement programmes. *Quality & safety in health care*. 2010;19(4):313-317.

St John ER, Scott AJ, Leff DR, Irvine TE, Pakzad F, Layer GT. Completion of hand-written surgical consent forms is frequently suboptimal and could be improved by using electronically generated, procedure-specific forms. *The surgeon : journal of the Royal Colleges of Surgeons of Edinburgh and Ireland*. 2017;15(4):190-195.

*Single centre*

Ahmed K, Khan N, Anderson D, Watkiss J, Challacombe B, Khan MS, Dasgupta P, Cahill D. Introducing the productive operating theatre programme in urology theatre suites. *Urologia Internationalis*. 2013.

Chiwerla L, Wigglesworth N, Newsholme W, McCoskery C, Lucchese G. Reducing adult cardiac surgical site infections and the economic impact of using multidisciplinary collaboration. *Journal of Hospital Infection*. 2018;100(4):428-436.

Leary A, Corrigan P. Redesign of thoracic surgical services within a cancer network-using an oncology focus to inform change. *European journal of oncology nursing : the official journal of European Oncology Nursing Society*. 2005;9(1):74-78.

Lechner M, Chandrasekharan D, Vithlani R, Sutton L, Grandidge C, Elmiyeh B. Evaluation of a newly introduced tonsillectomy operation record for the analysis of regional post-tonsillectomy bleed data: a quality improvement project at the London North West Healthcare NHS Trust. *BMJ open quality*. 2017;6(2):e000055.

Twose P, Jones G, Lowes J, Morgan P. Enhancing care of patients requiring a tracheostomy: A sustained quality improvement project. *Journal of Critical Care*. 2019;54:191-196.

#### *No implementation*

Kocman D, Regen E, Phelps K, Martin G, Parker S, Gilbert T, et al. Can comprehensive geriatric assessment be delivered without the need for geriatricians? A formative evaluation in two perioperative surgical settings. *Age and ageing*. 2019;48(5):644-649.

Esain AE, Williams SJ, Gakhal S, Caley L, Cooke MW. Healthcare quality improvement - policy implications and practicalities. *International Journal of Health Care Quality Assurance*. 2012;25(7):565-581.

#### *Not collaborative QI (service evaluation, guideline, national audit)*

Garriga C, Murphy J, Leal J, Price A, Priet-Alhambra D, Carr A, et al. Impact of a national enhanced recovery after surgery programme on patient outcomes of primary total knee replacement: an interrupted time series analysis from "The National Joint Registry of England, Wales, Northern Ireland and the Isle of Man". *Osteoarthritis and cartilage*. 2019

McLellan AR, Gallacher SJ, Fraser M, McQuillan C. The fracture liaison service: success of a program for the evaluation and management of patients with osteoporotic fracture. *Osteoporosis international : a journal established as result of cooperation between the European Foundation for Osteoporosis and the National Osteoporosis Foundation of the USA*. 2003;14(12):1028-1034.

Mariappan P, Johnston A, Padovani L, Clark E, Trail M, Hamid S, et al. Enhanced Quality and Effectiveness of Transurethral Resection of Bladder Tumour in Non-muscle-invasive Bladder Cancer: A Multicentre Real-world Experience from Scotland's Quality Performance Indicators Programme[Formula presented]. *European Urology*. 2020;78(4):520-530.

Neuburger J, Tsang C, Cromwell DA, Van Der Meulen J, Currie C, Wakeman R et al. The Impact of a National Clinician-led Audit Initiative on Care and Mortality after Hip Fracture in England. *Medical Care*. 2015.

Simpson JC, Moonesinghe SR, Grocott MPW, Kuper M, McMeeking A, Oliver CM, et al. Enhanced recovery from surgery in the UK: an audit of the enhanced recovery partnership programme 2009-2012. *British journal of anaesthesia*. 2015;115(4):560-568.

Winstanley JH, Leinster SJ, Wake PN, Copeland GP. The value of guidelines in a breast screening service. *European journal of surgical oncology : the journal of the European Society of Surgical Oncology and the British Association of Surgical Oncology*. 1995;21(2):140-142.

Powell AE, Davies HTO, Bannister J, MacRae WA. Challenge of improving postoperative pain management: Case studies of three acute pain services in the UK National Health Service. *British Journal of Anaesthesia*. 2009;102(6):824-831.

Drew S, Judge A, Gooberman-Hill R, Cohen R, Fitzpatrick R, Barker K. Enhanced Recovery after Surgery implementation in practice: An ethnographic study of services for hip and knee replacement. *BMJ Open*. 2019;9(3):e024431.

*Protocol only*

Scrimshire A, Booth A, Fairhurst CM, Tadd W, Lavery A, Corbacho B et al. Scaling up Quality Improvement for Surgical Teams (QIST) - Avoiding surgical site infection and anaemia at the time of surgery: Protocol for a cluster randomised controlled trial. *Trials*. 2020;21(1):234.

Taylor J, Wright P, Rossington H, Mara J, Glover A, West N, et al. Regional multidisciplinary team intervention programme to improve colorectal cancer outcomes: study protocol for the Yorkshire Cancer Research Bowel Cancer Improvement Programme (YCR BCIP). *BMJ open*. 2019;9(11):e030618.

Wagstaff D, Moonesinghe SR, Fulop NJ, Vindrola-Padros C. Qualitative process evaluation of the Perioperative Quality Improvement Programme (PQIP): study protocol. *BMJ open*. 2019;9(7):e030214.