This bulletin collates information from key resources relating to quality improvement. These are presented by source to assist in the aim of continuously improving the quality of care and outcomes for patients.

HQIP Healthcare Quality Improvement Partnership

An introduction to analysing quality improvement and assurance data (10 Oct 2018)
Basics of statistical data analysis and presentation for local clinical audit and improvement projects.

Themes and recommendations common to all hospital specialties

“Many trusts have now used the learning as the starting point for locally led quality improvement work.”

“Key findings and selected recommendations for quality improvement of neonatal care going forward.”

Note: Publications specific to mental health services are outside the scope of this bulletin and have not been included

NHS England

Clinical Interface Committees (CICs) [to ‘improve and maintain open communications and strong working relationships between hospital consultants and local GPs’] at Frimley Health NHS Foundation Trust (Case study; October 2018)


NHS Improvement

ACT2improve improvement tools [26 September 2018]
“Digital versions of a range of improvement tools including the sustainability model, process templates and stakeholder analysis.”
https://improvement.nhs.uk/resources/act2improve-improvement-tools/

Leadership for improvement – board development programme [9 October 2018]
“The aim of the programme is to enable boards to know what it takes to lead improvement in organisations where QI is a core enabler to delivering the triple aim of achieving improvements in value for money, patient experience (satisfaction and outcomes), and population health” – the programme will be delivered between Jan. 2019 and March 2020.
https://improvement.nhs.uk/resources/leadership-improvement-board-development-programme/
The Model Hospital (Updated design and new video) [26 September 2018]
https://improvement.nhs.uk/resources/model-hospital/

Nutrition and hydration collaborative [12 October 2018]
A “programme with 25 volunteer trusts to improve nutritional care — by increasing the accuracy of nutritional screening and the appropriateness of nutritional interventions. ... Collaborative sessions included an introduction to a quality improvement methodology including, process mapping, driver diagram development, using PDSA cycles to test theories of change, measurement for improvement and scaling, and sustaining change”.
https://improvement.nhs.uk/resources/nutrition-and-hydration-collaborative/

Pressure ulcers: revised definition and measurement framework (Updated October 2018)
As well as the updated document, a video recording of an October 2018 webex “provides some background to the revised definition and measurement framework, and its purpose in driving an improvement in patient care in relation to pressure ulcers”.
https://improvement.nhs.uk/resources/pressure-ulcers-revised-definition-and-measurement-framework/

Other

King’s Fund
Approaches to better value in the NHS: improving quality and cost / Jabbal, J. and Lewis, M. (October 2018)
This report looks at how the Royal Free London Group, Bolton NHS Foundation Trust and Bradford Teaching Hospitals NHS Foundation Trust “have developed organisation-wide strategies to improve value”. The hospitals were chosen “based on a review of their hospital performance against quality and financial performance measures – such as their quality ratings from the Care Quality Commission – and personal knowledge of the hospitals’ value improvement work”.
https://www.kingsfund.org.uk/publications/approaches-better-value

Imagination Analytics Unit
The IAU is a partnership between NHS England and the Health Foundation.
Briefing: The impact of integrated care teams on hospital use in North East Hampshire and Farnham

Shared learning [October 2018]

Chesterfield Royal Hospital NHS Foundation Trust: Red2Green case study

London Ambulance Service (LAS) and North East London NHS Foundation Trust: Falls specialist response vehicle
Use of quality improvement methodology “to develop and evaluate the safety and effectiveness of new care pathways and understand the impact on the wider system”; data includes number of patients who were safely kept at home and bed days released.
https://improvement.nhs.uk/resources/falls-specialist-response-vehicle/
EDITORIALS

- Beyond barriers and facilitators: the central role of practical knowledge and informal networks in implementing infection prevention interventions (19 September, 2018)
- Understanding ethical climate, moral distress, and burnout: a novel tool and a conceptual framework (19 September, 2018)

ORIGINAL RESEARCH

- Implementing infection prevention practices across European hospitals: an in-depth qualitative assessment (19 September, 2018)
- Ethical decision-making climate in the ICU: theoretical framework and validation of a self-assessment tool (19 September, 2018)
- Paediatric hospital admission processes and outcomes: a qualitative study of parents’ experiences and priorities (19 September, 2018)
- Pilot randomised controlled trial to improve hand hygiene through mindful moments (19 September, 2018)
- The ConCom Safety Management Scale: developing and testing a measurement instrument for control-based and commitment-based safety management approaches in hospitals (19 September, 2018)
- Measurement and monitoring of safety: impact and challenges of putting a conceptual framework into practice (19 September, 2018)
- Speak up-related climate and its association with healthcare workers’ speaking up and withholding voice behaviours: a cross-sectional survey in Switzerland (19 September, 2018)
- Perceptions of rounding checklists in the intensive care unit: a qualitative study (19 September, 2018)
- Hospital-level care coordination strategies associated with better patient experience (19 September, 2018)

VIEWPOINT

- Implementing electronic patient-reported outcomes measurements: challenges and success factors (19 September, 2018)

RESEARCH AND REPORTING METHODOLOGY

- Role of patient and public involvement in implementation research: a consensus study (19 September, 2018)
BMJ Open Quality

LATEST CONTENT – October 2018

BMJ QUALITY IMPROVEMENT REPORT

- Faecal immunochemical testing implementation to increase colorectal cancer screening in primary care (25 October, 2018)
- Improving communication of patient issues on transfer out of intensive care (21 October, 2018)
- STI initiative: Improving testing for sexually transmitted infections in women (15 October, 2018)
- Can we improve the prescribing and delivery of oxygen on a respiratory ward in accordance with new British Thoracic Society oxygen guidelines? (15 October, 2018)
- Sustainable approach to reducing unnecessary combined biochemistry tests on a paediatric cardiology ward (15 October, 2018)
- Challenges in reducing TIA clinic waiting times from 9 to 3 days in an acute Welsh hospital (15 October, 2018)
- Improving comprehensive care for patients with diabetes (15 October, 2018)
- Using the Model for Improvement to implement the Critical-Care Pain Observation Tool in an adult intensive care unit (9 October, 2018)
- Improving anticoagulation of patients with an implantable left ventricular assist device (2 October, 2018)

ORIGINAL ARTICLE

- Pain, agitation and delirium assessment and management in a community medical-surgical ICU: results from a prospective observational study and nurse survey (15 October, 2018)

SHORT REPORT

- Point-of-care C-reactive protein testing to optimise antibiotic use in a primary care urgent care centre setting (15 October, 2018)

Future Healthcare Journal (Royal College of Physicians)

Selected articles from the October 2018 Issue vol.5(3)

Update from RCP Quality Improvement: supporting and learning with the next generation of ‘improvers’
Future Hosp J October 2018 5:149-150; doi:10.7861/futurehosp.5-3-149
http://futurehospital.rcpjournal.org/content/5/3/149.full

Case studies

Extraordinary virtual multidisciplinary team meetings – a novel forum for the coordinated care of patients with complex conditions within a secondary care setting
[Royal Liverpool and Broadgreen University Hospitals NHS Trust] Future Hosp J October 2018 5:218-223; doi:10.7861/futurehosp.5-3-218
Introduction of an electronic weekend handover system at a London university teaching hospital
[University College London Hospital]
Future Hosp J October 2018 5:224-228; doi:10.7861/futurehosp.5-3-224
http://futurehospital.rcpjournal.org/content/5/3/224.full

Other journal articles

Occasionally, we’ll highlight articles on QI methods and audit to drive quality improvement. These articles have been published recently in journals which are not featured regularly in this bulletin. Please contact the Library to request a literature search in your specialism.

Abstract: https://www.ncbi.nlm.nih.gov/pubmed/30290749 (Full-text: Available on request to the Library)

Full-text: https://www.clinicalkey.com/#!/content/journal/1-s2.0-S0030666518301610 [Requires your NHS OpenAthens login]

Castle, E.V. et al. (2018) Routine use of fluoroscopic guidance and up-front femoral angiography results in reduced femoral complications in patients undergoing coronary angiographic procedures: an observational study using an Interrupted Time-Series analysis. Heart and Vessels September 27, 2018, pp.1-8. DOI:10.1007/s00380-018-1266-6 [Barts Heart Centre, St Bartholomew’s Hospital London & Department of Clinical Pharmacology, William Harvey Research Institute, Queen Mary University London]
Full-text: https://link.springer.com/article/10.1007%2Fs00380-018-1266-6

“A national Do Not Attempt Cardiopulmonary Resuscitation policy was rolled out for the National Health Service in Wales in 2015. A national steering group led on producing information videos and a website for patients, carers and healthcare professionals, forming part of a quality improvement program. ... The project has won the NHS Wales Award 2016 in the Improving Quality Together using IQT Methodology category.”

Yaqub, M; Kelly, B; Stobart, H; Napolitano, R; Noble, J A; et al. (2018) Quality improvement programme of ultrasound based fetal anatomy screening using large scale clinical audit. Ultrasound in Obstetrics & Gynecology: the official journal of the International Society of Ultrasound in Obstetrics and Gynaecology (October 10, 2018). [Institute of Biomedical Engineering, University of Oxford / Nuffield Department of Obstetrics & Gynaecology]
Abstract: https://www.ncbi.nlm.nih.gov/pubmed/30302849 (Full-text: Available on request to the Library)
Spotlight on the SQUIRE (Standards for Quality Improvement Reporting Excellence)

In its October 2018 issue, the British Journal of Hospital Medicine (BJHM) sought to encourage “the publication and dissemination of findings from quality improvement projects undertaken in a hospital setting”, pointing to the ‘SQUIRE’ guidelines.¹

The SQUIRE guidelines “provide a framework for reporting new knowledge about how to improve healthcare. They are intended for reports that describe system level work to improve the quality, safety, and value of healthcare.” Support for authors in the use of the guidelines is available as an Explanation and Elaboration resource, providing “representative examples of high-quality reporting of SQUIRE 2.0 content items”.²

¹ British Journal of Hospital Medicine October 2018, p.585.

From the Institute for Healthcare Improvement

Why Good Ideas Aren’t Enough to Sustain Improvement [applying the psychology of change to health care improvement]
Blog post by Kate Hilton | Thursday, October 25, 2018

QI project charter
IHI’s QI project charter “provides a rationale and roadmap for the team’s improvement work that can be used to clarify thinking about what needs to be done and why.” [You’ll need to log in to download the tool]
http://www.ihi.org/resources/Pages/Tools/QI-Project-Charter.aspx
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