QUALITY IMPROVEMENT BULLETIN
September 2019

Care Quality Commission

Sandboxing - call for expressions of interest
“The Care Quality Commission is inviting innovators and services using digital clinical triage to join its regulatory sandbox.”

The Health Foundation / Improvement Analytics Unit

Reducing emergency admissions from care homes: a measure of success for the NHS Long Term Plan?
Blog post by Chief Executive of the Health Foundation| 4 August 2019

HQIP Healthcare Quality Improvement Partnership

National Diabetes Insulin Pump Audit 2017-18 Report

National report for the Early Intervention in Psychosis Spotlight Audit 2018/2019

Suicide by people in contact with substance misuse services in the UK: a feasibility study

NHS England and NHS Improvement

Digital diabetes prevention rolled out as part of NHS Long Term Plan

Making data count:
Structured query language (SQL) for statistical process control
NHS Mental Health Implementation Plan 2019/20 – 2023/24

NHS Oversight Framework for 2019/20
https://improvement.nhs.uk/resources/nhs-oversight-framework-201920/

NHS RightCare: Progressive Neurological Conditions Toolkit

Reducing length of stay: ‘Where best next’ [campaign]
Five key principles which can help ensure that patients are discharged in a safe, appropriate and timely way.

NIHR National Institute for Health Research

NIHR Signal
National quality improvement programmes need time and resources to have an impact
This NIHR Signal provides commentaries on the results of the Enhanced Peri-Operative Care for High-risk patients (EPOCH) trial.
https://doi.org/10.3310/signal-000789

Public Health England

Strength and balance quality markers: supporting improvement through audit / Produced by Public Health England with the National Falls Prevention Coordination Group member organisations

Recently published journal articles
Below are the contents pages from 2 journals, BMJ Quality & Safety and BMJ Open Quality, containing articles relevant to quality improvement (QI). This issue of the Bulletin also signposts selected articles from the current issue of Future Healthcare Journal which are relevant to QI, including an update from the RCP Quality Improvement programme.

BMJ Quality & Safety
https://qualitysafety.bmj.com/
RSS - http://qualitysafety.bmj.com/rss/current.xml
Full-text articles available via your NHS OpenAthens login.

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ORIGINAL RESEARCH

- Nurse staffing, nursing assistants and hospital mortality: retrospective longitudinal cohort study
- A qualitative positive deviance study to explore exceptionally safe care on medical wards for older people
- Characterising ICU–ward handoffs at three academic medical centres: process and perceptions
- Use of a maternal newborn audit and feedback system in Ontario: a collective case study
- Development and performance evaluation of the Medicines Optimisation Assessment Tool (MOAT): a prognostic model to target hospital pharmacists’ input to prevent medication-related problems
- Can patients contribute to safer care in meetings with healthcare professionals? A cross-sectional survey of patient perceptions and beliefs

VIEWPOINT

- Safety-I, Safety-II and burnout: how complexity science can help clinician wellness

SYSTEMATIC REVIEW
- Observer-based tools for non-technical skills assessment in simulated and real clinical environments in healthcare: a systematic review

**BMJ Open Quality**
https://bmjopenquality.bmj.com/
RSS - http://bmjopenquality.bmj.com/rss/current.xml

Full-text articles freely available.

**LATEST CONTENT – August 2019**

**EDUCATION IMPROVEMENT REPORT**
- Closing the gap: a transatlantic collaboration to foster quality improvement training in graduate entry medical students using applications of QI methodologies to medical education

**NARRATIVE REVIEWS**
- Review of alternatives to root cause analysis: developing a robust system for incident report analysis

**ORIGINAL RESEARCH**
- Quality of care during childbirth at public health facilities in Bangladesh: a cross-sectional study using WHO/UNICEF ‘Every Mother Every Newborn (EMEN)’ standards
- Exploring stakeholder perceptions around implementation of the Operating Room Black Box for patient safety research: a qualitative study using the theoretical domains framework

**QUALITY IMPROVEMENT REPORT**
- Improving medication optimisation in left ventricular systolic dysfunction after acute myocardial infarction
- Improving adherence to lung cancer guidelines: a quality improvement project that uses chart review, audit and feedback approach
- Quantitative stress-redistribution sequential imaging optimises MPI with the lowest dose of radiation per patient
- Improving the quality of insulin prescribing for people with diabetes being discharged from hospital
- Improving physical healthcare provided to psychiatric inpatients at an acute mental health trust
- Reducing pressure ulcers across multiple care settings using a collaborative approach
- Improving long-lasting insecticidal nets use in Kayange community of north-western Burundi: a pilot study exploring the use of quality improvement methodologies in low-resource community settings
- Deprescribing benzodiazepines among hospitalised older adults: quality improvement initiative
- Introducing a reserve waiting list initiative for elective general surgery at a District General Hospital
- Improving bone mineral density screening in patients with inflammatory bowel disease: a quality improvement report
- Evidence-based practice ‘on-the-go’: using ViaTherapy as a tool to enhance clinical decision making in upper limb rehabilitation after stroke, a quality improvement initiative
- Improving critical incident reporting in primary care through education and involvement
- Medic One Pediatric (MOPed) cards: standardising paramedic paediatric resuscitation
- Feasibility and performance of a patient-oriented discharge instruction tool for heart failure
- ‘Start smart’: using front-line ownership to improve the quality of empiric antibiotic prescribing in a paediatric hospital
- Improving intravenous fluid prescribing in the Eastern Cape in South Africa
- ENT Quality Improvement Program as a tool to improve the collection of morbidity and mortality data: a
multisite audit carried out over 6 months
- Quality improvement project aimed at integrating an adapted mindfulness-based stress reduction programme into a paediatric psychology service
- Impact of a nurse engagement intervention on pain, agitation and delirium assessment in a community intensive care unit
- Stratification of inflammatory bowel disease outpatients by disease activity and risk of complications to guide out-of-hospital monitoring: a patient-centred quality improvement project
- Implementation and spread of a simple and effective way to improve the accuracy of medicines reconciliation on discharge: a hospital-based quality improvement project and success story

SHORT REPORT
- Well-prepared outpatient visits satisfy patient and physician
- Testing a proactive approach to frailty identification: the electronic frailty index
- Associations between patient experiences and clinical outcomes: a cross-sectional data linkage study of the Australian private healthcare sector
- Implementation of a standardised sign-up process to increase MyChart enrolment among HIV-positive patients
- Diagnosis of cardiac allograft vasculopathy in heart transplant patients using a pixelated stress perfusion analysis

Other journal articles
Occasionally, we’ll highlight articles reporting QI studies, methods and audit to drive quality improvement. These articles, most with one or more authors affiliated to a UK/NHS organisation, have been published recently in journals which are not featured regularly in this bulletin. Please contact the Library for help with accessing the full-text of the articles or to request a literature search in your specialism.


Blackburn, J., Ousey, K., & Stephenson, J. (2019) Nurses’ education, confidence, and competence in appropriate dressing choice. Advances in Skin & Wound Care, [http://dx.doi.org/10.1097/01.ASW.0000577132.81124.88](http://dx.doi.org/10.1097/01.ASW.0000577132.81124.88)


Doyle, J. F., Sarnowski, A., Saadat, F., et al. (2019) Does the implementation of a quality improvement care bundle reduce the incidence of acute kidney injury in patients undergoing emergency laparotomy? Journal of Clinical Medicine, 8(8) [http://dx.doi.org/10.3390/jcm8081265](http://dx.doi.org/10.3390/jcm8081265)


From ‘Q’ (The Health Foundation & NHS Improvement)

Side by Side – improving in partnership with patients and communities
Blog post by Sarah Williams [Solent NHS Trust] | 27 Aug 2019
Use of Q Exchange funding to “co-design a training module to support patients, families and communities get involved in QI, and work with our teams on projects”.

From the Institute for Healthcare Improvement

Aim Statement Worksheet
An aim statement “delineates clear, specific plans” for the improvement work to be undertaken.
http://www.ihi.org/resources/Pages/Tools/Aim-Statement-Worksheet.aspx

From ‘Q’ (The Health Foundation & NHS Improvement)

The Q community’s insight on improving outpatient care
Blog post by Matthew Hill | 8 July 2019
https://q.health.org.uk/blog-post/the-q-communitys-insight-on-improving-outpatient-care/
Results of the “first Q Insight Survey: Improving Outpatient Care. ... Our analysis, especially of the free text questions, suggests that respondents see a range of success factors in improving outpatient care, which we hope
will be useful for Q Exchange projects. Perhaps unsurprisingly, they act as a strong call to arms for quality improvement methods.”

What will it take to transform outpatient care? Lessons from the Q community for delivering the NHS Long Term Plan
Blog post by Sarah Reed | 10 July 2019

Spotlight on SQUIRE (Standards for Quality Improvement Reporting Excellence)

In issue number 5, October 2018 we highlighted the SQUIRE reporting guidelines and support for authors in the use of the guidelines.¹ One recently published article² used the SQUIRE guidelines to report a QI project which utilised plan-do-study-act cycles with the aim of decreasing the primary caesarean birth rate.


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