The Big Four Bulletin
Major Trials, Original Articles and Reviews
Adapted from the original produced by Milton Keynes University Hospitals Library

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.

**Care Quality Commission**

*Learning from deaths: a review of the first year of NHS trusts implementing the national guidance*
https://www.cqc.org.uk/publications/themed-work/learning-deaths

Includes a “case study analysis of three trusts that [were] rated outstanding for well-led between September 2017 and June 2018. This focused specifically on the quality of their processes for learning from deaths and the factors that had supported good practice in learning from deaths.” (p.6 of the CQC *Learning from deaths* review)

**HQIP Healthcare Quality Improvement Partnership**

*HQIP patient and public involvement strategy 2019-21*

**NHS Benchmarking Network**

*2018 Outpatients project – Results published*

**NHS England**

*2019/20 Quality and Outcomes Framework (QOF): Quality Improvement Case Studies [General Practice]*

*An Introduction to Quality Improvement in General Practice*

**Atlas of Shared Learning – Case Studies**

“Providing quantifiable evidence of how nursing, midwifery and care staff have led change, identifying and addressing unwarranted variation in practice to improve outcomes, experience and use of resources.” The following case studies were uploaded to the Atlas of Shared Learning in March 2019; browse all case studies at https://www.england.nhs.uk/leadingchange/atlas-of-shared-learning/.

- Ambulatory Care Models in the Surgical Assessment Unit at Portsmouth Hospitals NHS Foundation Trust [Portsmouth Hospitals NHS Foundation Trust]

- Assistant Practitioner Discharge Planning at Harplands Hospital [North Staffordshire Combined Healthcare NHS Trust]
  https://www.england.nhs.uk/atlas_case_study/assistant-practitioner-discharge-planning-at-
Development of a Learning Disability Nursing Forum [North Staffordshire Combined Healthcare NHS Trust]

Group clinics for parents of children with sickle cell anaemia [Oxleas NHS Foundation Trust]

Implementing the Mum and Baby App across North-West London [Acute Care Transformation Team, North-West London Health and Care Partnership]

Improving patient experience through stratification of the prostate cancer follow up pathway [The Royal Marsden NHS Foundation Trust]

Introducing bedside vital signs devices at Imperial College Healthcare NHS Trust

The ‘Nightingale Programme Initiative Committee’ at Guy’s and St Thomas’ NHS Foundation Trust

Older Adults Outreach Team [North Staffordshire Combined Healthcare NHS Trust]
https://www.england.nhs.uk/atlas_case_study/older-adults-outreach-team/

Paediatric Screening – a new play specialist approach [Northern Devon Healthcare NHS Trust]

Positive Behavioural Support at North Staffordshire Combined Healthcare NHS Trust

The Quasar Surveillance Tool – Improving the safety culture within Fareham and Gosport and South-Eastern Hampshire Clinical Commissioning Groups

Reducing [third and fourth degree] perineal tears during childbirth at Bedford Hospital NHS Trust

NHS Improvement

Delayed transfer of care (DTOC) improvement tool [Updated version March 2019]
https://improvement.nhs.uk/resources/delayed-transfer-care-dtoc-improvement-tool/

Guide to developing and implementing ward and unit accreditation programmes
Guidance for chief nurses and those in other senior nursing and midwifery roles on “how they could design and implement a structured framework to measure, evaluate and continuously improve the delivery of care in the wards and units across their organisation”.

**Guide to reducing long hospital stays: shared learning resources added**
https://improvement.nhs.uk/resources/guide-reducing-long-hospital-stays/

Making data count - **Statistical process control tool** – ‘How to use’ video
https://improvement.nhs.uk/resources/statistical-process-control-tool/

Making data count - **Funnel plot tool** – ‘How to use’ video
https://improvement.nhs.uk/resources/funnel-plot-tool/

**Maternal and neonatal health safety collaborative**: updated **Driver diagram and change package** documents and case studies of quality improvement projects delivered by Trusts through their participation in the collaborative

**Driver diagram and change package documents:**
- Increase the proportion of smoke-free pregnancies
- Improve the optimisation and stabilisation of the very preterm infant
- Improve the detection and management of diabetes in pregnancy
- Improve the detection and management of neonatal hypoglycaemia
- Improve the early recognition and management of deterioration of either mother or baby during or soon after birth

**Case studies of quality improvement projects:**
- Improving category 1 caesarean section 'decision to delivery' interval [Heart of England NHS Foundation Trust]
- Improving transitional care (TC) and keeping mothers and babies together [East Kent Hospitals University NHS Foundation Trust]
- Increasing reporting of reduced fetal movement [Bradford Teaching Hospitals NHS Foundation Trust]
- Maternal and neonatal health safety collaborative case study [North Tees and Hartlepool NHS Foundation Trust]

**Maternity huddles:**
**Implementing huddles and handovers — a framework for practice in maternity units**

**Cross-site maternity safety huddles: delivering world class care at the right time in the right place** [Royal Free London NHS Foundation Trust]
https://improvement.nhs.uk/resources/cross-site-maternity-safety-huddles/

**Pressure ulcers: revised definition and measurement framework. Guidance for reporting pressure ulcers**
https://improvement.nhs.uk/resources/pressure-ulcers-revised-definition-and-measurement-framework/

**Single Oversight Framework for NHS providers - 5 March 2019 "Minor change to 6 week diagnostic waits metric”**
https://improvement.nhs.uk/resources/single-oversight-framework/
NHS RightCare Toolkit: Physical ill-health and CVD prevention in people with severe mental illness

BMJ Quality and Safety

Below are the contents pages from 2 journals, BMJ Quality & Safety and BMJ Open Quality, containing articles relevant to quality improvement (QI).

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<tr>
<th>BMJ Quality &amp; Safety</th>
<th>Full-text articles available via your NHS OpenAthens login.</th>
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ORIGINAL RESEARCH

- Connecting perspectives on quality and safety: patient-level linkage of incident, adverse event and complaint data
- We want to know: patient comfort speaking up about breakdowns in care and patient experience
- Explaining organisational responses to a board-level quality improvement intervention: findings from an evaluation in six providers in the English National Health Service
- Low-value care in Australian public hospitals: prevalence and trends over time
- Facilitators of interdepartmental quality improvement: a mixed-methods analysis of a collaborative to improve pediatric community-acquired pneumonia management
- Sicker patients account for the weekend mortality effect among adult emergency admissions to a large hospital trust

NARRATIVE REVIEW

- Artificial intelligence, bias and clinical safety

VIEWPOINT

- Framing the challenges of artificial intelligence in medicine
- Redesigning care: adapting new improvement methods to achieve person-centred care

QUALITY & SAFETY IN THE LITERATURE

- Quality & safety in the literature: March 2019
**BMJ Open Quality**

https://bmjopenquality.bmj.com/  
RSS - http://bmjopenquality.bmj.com/rss/current.xml  
Full-text articles freely available.

**LATEST CONTENT – March 2019**

**BMJ QUALITY IMPROVEMENT REPORT**

- Optimising laboratory monitoring of chronic conditions in primary care: a quality improvement framework
- Introducing an AKI predictive tool for patients undergoing orthopaedic surgery
- Demonstrating value: association of cost and quality outcomes with implementation of a value-driven oncology-hospitalist inpatient collaboration for patients with lung cancer
- Reducing red blood cell folate testing: a case study in utilisation management
- Reducing inappropriately suspended VTE prophylaxis through a multidisciplinary shared learning programme and electronic prompting
- Increasing the use of home medication lists in an outpatient neurorehabilitation clinic

**ORIGINAL ARTICLE**

- Quantifying patient satisfaction with process metrics using a weighted bundle approach
- Aggregated student confidence estimates support continuous quality improvements in a competencies-oriented curriculum
- Is virtual clinic follow-up of hip and knee joint replacement acceptable to patients and clinicians? A sequential mixed methods evaluation

The following post to the ‘Q’ community blog provides an insight into one member’s recent experience publishing his work in BMJ Open Quality.

**“What tips would you give to members when publishing work?**

The main tip is to do your quality improvement project prospectively applying QI methodology throughout your work from start to finish. It will make your publication so much easier to write up! Do not forget the importance of baseline data, sometimes overlooked or described poorly. It will inform the reader as to why you embarked on your improvement.”

*Member Insight: publishing on BMJ Open Quality* Blog post by Aklak Choudhury | 19 Dec 2018

https://q.health.org.uk/blog-post/member-insight-publishing-on-bmj-open-quality/

**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.


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

When issue 4 of the QI Bulletin was compiled in September 2018, ‘Q: the journey so far’¹ had just been published, three years after the Q community started. Now, we revisit Q and highlight some recent blog posts.


Q Exchange project ‘Patients are Equal Partners in Quality Improvement’ goes live
Blog post by Jonathan Broad | 21 March, 2019
The Unipart Way: What drives world class levels of employee engagement and sustained continuous improvement at an organisational level?
Blog post by Meena Bhatia | 21 March, 2019

A reflection on “the key principles and tools that exist in private sector organisations to sustain a culture of continuous improvement and what transferable elements can be applied to the daily working of the NHS to help drive operational excellence.”

Working collaboratively across Kent, Surrey and Sussex: Serious Incident Community of Practice
Blog post by Jacqui Parfitt & Suzanne Robinson | 21 March, 2019

From the Institute for Healthcare Improvement

4 Reasons Your Health System Needs a QI-Savvy Board
Blog post by Donald M. Berwick | Tuesday, March 12, 2019
http://www.ihi.org/communities/blogs/4-reasons-your-health-system-needs-a-qi-savvy-board

Signposted in This Week at IHI March 18, 2019
The answer to culture change: everyday management tactics / Mate, K.S. and Rakover, J. NEJM Catalyst March 6, 2019 https://catalyst.nejm.org/high-performance-management-system/

The “results of two pilot initiatives, led by IHI that resulted in sustained, significant improvements in quality and value”. The setting of one of the pilots was acute inpatient care in the UK

The Psychology of Change with Kate Hilton of IHI – Podcast - Episodes 1 & 2
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- Quality Improvement subject guide
- Health Management bulletin
- Netvibes RSS feeds

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