Quality Improvement Bulletin
Number 4, 26 September 2018

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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

Quality improvement in hospital trusts: sharing learning from trusts on a journey of QI

HQIP Healthcare Quality Improvement Partnership

Addressing child to adult transition in national clinical audit – a guide
Published: 29 August 2018

National Oesophago-Gastric Cancer Audit: Annual Report 2018
Published: 13 Sep 2018

NHS England

Improvement in early detection and prompt treatment of sepsis across Weston Area Health NHS Trust (Atlas of Shared Learning, 13 September 2018)

Reducing sepsis at James Paget University Hospital (Atlas of Shared Learning, 18 September 2018)

NHS Improvement

Delayed transfer of care (DTOC) improvement tool - Updated with July 2018 data (14 September 2018)
https://improvement.nhs.uk/resources/delayed-transfer-care-dtoc-improvement-tool/

Making data count
“... how different presentations of data can lead to different conversations, conclusions and actions.”
https://improvement.nhs.uk/resources/making-data-count/

Improvement tools added to ‘Making data count’:

P-Chart – a statistical process control tool
“A P-chart is used to monitor proportions. This chart is used when the total number of a measure varies. For example, for recording the rate of falls (number of patients who have fallen divided by the total number of patients).”
https://improvement.nhs.uk/resources/p-chart-statistical-process-control-tool/
**Pareto chart tool** – Pareto charts “can be used to identify and then focus improvement work on the most significant categories”. [https://improvement.nhs.uk/resources/pareto-chart-tool/](https://improvement.nhs.uk/resources/pareto-chart-tool/)

**Funnel plot tool** – “With this tool you can: compare populations, identify outliers from annotations on the chart, display all data points in a table and see which fall outside the limits”. [https://improvement.nhs.uk/resources/funnel-plot-tool/](https://improvement.nhs.uk/resources/funnel-plot-tool/)

Demand and capacity core model (Updated 13 September 2018; latest version is v1.03, “corrects the calculations for the maximum sustainable waiting list size”). [https://improvement.nhs.uk/resources/demand-and-capacity-core-model/](https://improvement.nhs.uk/resources/demand-and-capacity-core-model/)

**Other**

Quality improvement resources published by the Royal Colleges, national institutes and British societies indexed by NHS Evidence Search.

**British Geriatrics Society**

Service level toolkit – web based [28 August 2018]

[https://www.bgs.org.uk/sites/default/files/content/resources/files/2018-09-12/HoWCGA_full%20kit.pdf](https://www.bgs.org.uk/sites/default/files/content/resources/files/2018-09-12/HoWCGA_full%20kit.pdf)

“The toolkit is aimed at teams who will lead on improving the care for frail older people provided by their services.”

CHAPTER 1: Using data to identify problem and convince others about the solution

CHAPTER 2: Self-assessment: where is our service and what to aim for?

CHAPTER 3: Team approach to change

CHAPTER 4: Barriers to implementation

CHAPTER 5: Review, expansion and sustainability

**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).

**BMJ Quality & Safety**

[https://qualitysafety.bmj.com/](https://qualitysafety.bmj.com/)

RSS - [http://qualitysafety.bmj.com/rss/current.xml](http://qualitysafety.bmj.com/rss/current.xml)

Full-text articles available via your NHS OpenAthens login.

**SEPTEMBER 2018 Vol.27(9)**

**EDITORIAL**

- **What can we learn from patients’ perspectives on the quality and safety of hospital care?** (16 August, 2018)

**ORIGINAL RESEARCH**

- **What can patients tell us about the quality and safety of hospital care? Findings from a UK multicentre survey study** (16 August, 2018)

- **The association between patient experience factors and likelihood of 30-day readmission: a prospective cohort study** (16 August, 2018)

- **Next-generation audit and feedback for inpatient quality improvement using electronic health record data: a cluster randomised controlled trial** (16 August, 2018)

- **Interprofessional Teamwork Innovation Model (ITIM) to promote communication and patient-centred, coordinated care** (16 August, 2018)

- **Making soft intelligence hard: a multi-site qualitative study of challenges relating to voice about safety concerns** (16 August, 2018)
• Prospective evaluation of medication-related clinical decision support over-rides in the intensive care unit (16 August, 2018)
• Impact of a commercial order entry system on prescribing errors amenable to computerised decision support in the hospital setting: a prospective pre-post study (16 August, 2018)

RESEARCH AND REPORTING METHODOLOGY
• Using Q-methodology to guide the implementation of new healthcare policies (16 August, 2018)

SYSTEMATIC REVIEW
• Realist synthesis of intentional-rounding in hospital wards: exploring the evidence of what works, for whom, in what circumstances and why (16 August, 2018)

THE PROBLEM WITH...
• The problem with using patient complaints for improvement (16 August, 2018)

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

LATEST CONTENT – August/September 2018

ORIGINAL ARTICLE
• Nursing attitudes towards continuous capnographic monitoring of floor patients (15 September, 2018)
• Medical students as agents of change: a qualitative exploratory study (4 September, 2018)

BMJ QUALITY IMPROVEMENT REPORT
• Implementing delayed cord clamping in premature infants (21 September, 2018)
• Effect of a pulmonary nodule fact sheet on patient anxiety and knowledge: a quality improvement initiative (14 September, 2018)
• Optimisation of hyperemesis gravidarum management through an emergency department setting (8 September, 2018)
• Decreasing birth asphyxia: utility of statistical process control in a low-resource setting (4 September, 2018)
• ‘CPR for Feet’ care bundle to improve foot assessment in inpatient diabetes (4 September, 2018)
• ELECTIVIST: a novel system to improve elective caesarean section booking (29 August, 2018)

SHORT REPORT
• Interprofessional primary care electronic intervention to reduce hypoglycaemic agent use in high-risk veterans with diabetes (21 September, 2018)
• Applying lean improvement methodology within a public health context: administration and organisation of a training programme (3 September, 2018)

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.

““This scoping review provides an overview of 17 existing QM models for inpatient care and their relationships with each other.”

NOTE:

### Spotlight on The Health Foundation and ‘Q’.

**NEW reports from The Health Foundation in September 2018**


What is ‘Q’?
Formed in 2015, “Q is a community connecting people with improvement expertise across the UK. Funded by the Health Foundation and NHS Improvement, Q aims to support people in their improvement work by creating opportunities for them to come together and share their knowledge and ideas.” (Horton, Illingworth and Warburton, 2018, p.35)

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