Quality Improvement Bulletin
Number 11, 24th May 2019

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This bulletin collates information from key resources relating to quality improvement published 1st – 30th April 2019. These are presented to assist in the aim of continuously improving the quality of care and outcomes for patients; and are arranged by source.

HQIP Healthcare Quality Improvement Partnership

Report Synopsis – National Clinical Audit of Specialist Rehabilitation following Major Injury

NHS Benchmarking Network

2018 Managing Frailty & Delayed Transfers of Care (DtoC) project - Results published

NHS England

“From 1 April 2019, NHS England and NHS Improvement are working together as a new single organisation to better support the NHS to deliver improved care for patients. ... Our new single operating model has been designed to support delivery of the NHS Long Term Plan.”
https://www.england.nhs.uk/about/about-nhs-england/

Improving Value in Specialised Services Menu of Opportunities
An “overview of schemes aimed at improving value in specialised services ... [providing] a summary of the opportunity, potential benefits & savings, useful resources including case studies where available, key performance indicators and contact details for more information”. The three overarching themes are (1) Get best value out of medicines and pharmacy, (2) Reduce avoidable demand and meet demand more appropriately and (3) Reduce unwarranted variation in clinical quality and efficiency.

Learning from the Elective Care Development Collaborative Right person, right place, first time
Transforming elective care services:
Cardiology
Ear, nose and throat (ENT)
Urology
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.”
https://www.england.nhs.uk/leadingchange/atlas-of-shared-learning/. The following case studies were uploaded to the collection in April 2019

The CARE excellence accreditation scheme [to support quality improvement] in Surrey and Borders NHS Foundation Trust

Introduction of the ‘RAPP’ (Respiration, Activity, Perfusion, Position) Tool to minimise the risk of Sudden Unexpected Postnatal Collapse [Bedford Hospital NHS Trust]

NHS Improvement

Maternal and neonatal health safety collaborative

Case studies of quality improvement projects:

Diabetes in pregnancy [Sherwood Forest Hospitals NHS Foundation Trust]
https://improvement.nhs.uk/resources/diabetes-in-pregnancy/

Improving care of neonatal hypoglycaemia [Poole Hospital NHS Foundation Trust]
https://improvement.nhs.uk/resources/improving-care-neonatal-hypoglycaemia/

Improving the proportion of smoke free pregnancies [Mid Cheshire Hospitals NHS Foundation Trust]
https://improvement.nhs.uk/resources/improving-proportion-smoke-free-pregnancies/

Improving the stabilisation of the preterm infant – non-invasive respiratory support and deferred cord clamping [University Hospital Southampton NHS Foundation Trust]
https://improvement.nhs.uk/resources/improving-stabilisation-preterm-infant/

Increasing rates of smoke-free pregnancy [University Hospitals Plymouth NHS Trust]
https://improvement.nhs.uk/resources/increasing-rates-smoke-free-pregnancy/

Learning from excellence (learning to improve team and organisational resilience) [University Hospitals Birmingham NHS Foundation Trust]
https://improvement.nhs.uk/resources/learning-from-excellence/

Quality, service improvement and redesign (QSIR)
https://improvement.nhs.uk/resources/qsir-programme/
New video and link to a new resource from the Good Governance Institute added to the QSIR collection.

Good Governance Institute Board assurance prompt: improving the effectiveness of musculoskeletal (MSK) health for NHS providers. The briefing is “intended to support NHS providers with the planning and management of appropriate and effective orthopaedics, diagnostics, rheumatology, pain and MSK services to the local population”
https://improvement.nhs.uk/resources/improving-effectiveness-msk-health-for-nhs-providers/
The BMJ Awards 2019 Innovation In Quality Improvement Team Of The Year

Winner – Flow Coaching Academy - Sheffield Teaching Hospitals
“The Flow Coaching Academy grew out of the success of two pieces of work carried out at Sheffield Teaching Hospitals to redesign geriatric care and respiratory care by translating the “Big Room” methodology used by the car manufacturer Toyota.”


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).

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<th>BMJ Quality &amp; Safety</th>
<th>Full-text articles available via your NHS OpenAthens login.</th>
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<td><a href="https://qualitysafety.bmj.com/">https://qualitysafety.bmj.com/</a></td>
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<td>APRIL 2019 Vol.28(4)</td>
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<td>ORIGINAL RESEARCH</td>
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<td>• Patients’ perspectives on how to decrease the burden of treatment: a qualitative study of HIV care in sub-Saharan Africa</td>
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<td>• Minor flow disruptions, traffic-related factors and their effect on major flow disruptions in the operating room</td>
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<td>• External validation of the Hospital Frailty Risk Score and comparison with the Hospital-patient One-year Mortality Risk Score to predict outcomes in elderly hospitalised patients: a retrospective cohort study</td>
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<td>• Recognising the importance of informal communication events in improving collaborative care</td>
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<td>• Provider interruptions and patient perceptions of care: an observational study in the emergency department</td>
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<td>VIEWPOINT</td>
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<td>• Using objective clinical data to track progress on preventing and treating sepsis: CDC’s new ‘Adult Sepsis Event’ surveillance strategy</td>
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<td>RESEARCH AND REPORTING METHODOLOGY</td>
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<td>• Research and reporting methodology: Evaluation of an electronic health record structured discharge summary to provide real time adverse event reporting in thoracic surgery</td>
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<td>SYSTEMATIC REVIEWS</td>
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<td>• Implementing bedside rounds to improve patient-centred outcomes: a systematic review</td>
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<td>• Measuring the teamwork performance of teams in crisis situations: a systematic review of assessment tools and their measurement properties</td>
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<td>LATEST CONTENT – April 2019</td>
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<td>ORIGINAL ARTICLE</td>
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<td>• Improving patients’ ability to identify their physicians through the use of physician facecards and whiteboards</td>
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<td>• Limited external reproducibility restricts the use of medical record review for benchmarking</td>
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<td>• Effects of team-based quality improvement learning on two teams providing dementia care</td>
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<td>• Personal Wellbeing Score (PWS)—a short version of ONS4: development and validation in social</td>
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prescribing

- Preoperative oral hygiene recommendation before open-heart surgery: patients’ adherence and reduction of infections: a quality improvement study

SHORT REPORT

- AMS in the ICU: empiric therapy and adherence to guidelines for pneumonia
- Simplified approach to stress-first nuclear myocardial perfusion imaging: implementation of Choosing Wisely recommendations

BMJ QUALITY IMPROVEMENT REPORT

- More than pills: alternative adjunct therapies to improve comfort in hospitalised patients
- How incremental video training did not guarantee implementation due to fluctuating population prevalence
- Improving patient portal enrolment in an academic resident continuity clinic: quality improvement made simple
- Improving interventions for parents of children and young people with autism spectrum disorder (ASD) in CAMHS
- Process improvement for follow-up radiology report recommendations of lung nodules
- Appropriate utilisation of cardiac telemetry monitoring: a quality improvement project
- Improving the diagnostics of tuberculosis and drug resistance with Xpert MTB/RIF in a district general hospital in Sierra Leone: a quality improvement project
- Using near-miss events to improve MRI safety in a large academic centre
- Establishing a tele-clinic service for kidney transplant recipients through a patient-codesigned quality improvement project
- Woman-Centred Induction of Labour (the WOCIL project)
- Improving patient flow in a regional anaesthesia block room
- Improving assessment of children with suspected respiratory tract infection in general practice

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.

Alins Sahun, Y., Camara, K., Gething, K., Shenck, D., Gane, J., & Tse, Y. (2019). Setting up school-based diabetes clinics to engage adolescents who frequently ‘were not brought to clinic’ and improve self-management. Archives of Disease in Childhood, http://dx.doi.org/10.1136/archdischild-2018-315313


### 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 Two recently published articles ²,³ have looked at the development of an extension of the SQUIRE guidelines for the improvement of health care professions education literature (SQUIRE-EDU). A systematic review published in Annals of Surgery ⁴ assessed studies for adherence to SQUIRE 2.0 criteria. The authors of *Practice-based nursing research: Evaluation of clinical and professional impacts from a research training programme* ⁵ indicated using the SQUIRE guidelines in their study.


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

In the last issue, we revisited ‘Q’¹ highlighting some recent blog posts. Here are two more from April 2019.

¹ https://q.health.org.uk/

**Developing and testing ideas: some early reflections**

Blog post by Dominic Burton | 26 April 2019
https://q.health.org.uk/blog-post/early-reflections-from-the-q-lab-test-teams/

Describes a design process that is based on the ‘triple diamond’ - “an adaptation of the ‘double diamond’ process originally developed by the Design Council ... showing where thinking diverges and converges. The additional diamond [in the ‘triple diamond’] represents the work needed at the beginning of the creative process to develop a team and properly diagnose the problem that you are trying to solve.”

**Evaluating the Q Lab: embedding reflective practice**

Blog post by Jo Scott | 12 April 2019
https://q.health.org.uk/blog-post/evaluating-the-q-lab-embedding-reflective-practice/

Using a "learning loop methodology" to structure an evaluation. “It puts emphasis on the immediate learning and reflections, which will help us to be more responsive to change.”
From the Institute for Healthcare Improvement

5 Tips for Guiding Improvement with Visual Data
Blog post by IHI Multimedia Team | Tuesday, April 23, 2019
http://www.ihi.org/communities/blogs/5-tips-for-guiding-improvement-with-visual-data

NHS OpenAthens - Self-register at https://openathens.nice.org.uk/
You will need your own NHS OpenAthens account to access databases and other online resources. Select Milton Keynes University Hospital NHS Foundation Trust as your organisation. Your username will be generated after you submit the online registration form. Look out for an automated email from ‘OpenAthens’ in your Inbox; click on the activation link to set your password.

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