HEALTHCARE QUALITY IMPROVEMENT PARTNERSHIP

IMPACT REPORT

2022

HQIP

Healthcare Quality
Improvement Partnership

National Clinical Audit and Patient Outcomes Programme

The Healthcare Quality Improvement Partnership (HQIP) commissions and manages the National Clinical Audit and Patient Outcomes Programme (NCAPOP) on behalf of NHS England & NHS Improvement and the Welsh Government.

Every project in the NCAPOP has been established to address a clinical area (or areas) where healthcare improvement is required, and the common aim of each project is to have a positive impact on patient care.

Impact of NCAPOP

This compendium of the impact of NCAPOP provides a summary of some of the key impacts the projects have had. It covers impact reports submitted from April 2021 to March 2022 (the *impacts* themselves would have occurred over a wider date range).

Impact has been categorised into four categories and this compendium highlights key impacts against these categories for each project.

The categories have been colour-coded as indicated here:

NATIONAL
How the project provides evidence of quality and outcomes of care nationally

SYSTEM
How the project supports policy development & management of the system

LOCAL
How the project stimulates quality improvement

PUBLIC
How the project is used by the public and the demand for it

Psychosis

- 2020/21: 55% of patients in England and 7% for Wales had outcome measures recorded at least twice. For England this is an increase of 33% since 2018/19.

Breast cancer

- NABCOP produced more timely results than in previous years, using the Rapid Cancer Registration Dataset (RCRD) made available by NCRAS in response to the COVID-19 pandemic. This data highlighted how services responded to the first wave of the COVID pandemic
- Surgery rates increased by 1% in 2014-18 compared to 2014-17. Furthermore, there was greater variation in rates of surgery among women with estrogen receptor (ER) positive EIBC compared with women with ER negative disease. The results suggest there were older women who were physically fit and who did not have surgery.

Diabetes

- Type 2 data showed that 122,780 people under the age of 40 have diabetes, including 1,570 children aged 18 or under.

End of Life

- The results show an improvement in access to specialist palliative care, in particular, face-to-face access 8 hours a day, 7 days a week was available in 60% of hospitals/sites compared to 36% in 2019.

Child Mortality

- Continued sharing of real-time child death data with NHS England to support and inform the national response to COVID-19 pandemic.

Arthritis

- A 6% improvement from year 1 for Quality Statement (QS)1, and a 10% improvement for QS2 and QS3.

Prostate Cancer

- Changes seen in practice reflecting updated NICE guidance (2019):
  - Hypofractionated radiotherapy adopted widely for intermediate-risk disease (96% of men, up from 91% in 2019)
  - 36% men with newly diagnosed metastatic disease receive docetaxel chemotherapy (up from 27% in 2019)
- More men were given the name of a Clinical Nurse Specialist (87% compared to 83% in 2018) and 91% of men rated their care at least 8 out of 10 (up from 89% in 2018).

Bowel cancer

- From the 2020 AR: 90-day post-operative mortality in patients undergoing emergency resection has improved from 14.7% in the 2013/14 audit period to 10.5% in the 2018/19 audit period
- Robotic surgery continues to increase, from around 240 robotic cases recorded in the 2015/16 audit period to around 500 robotic cases were recorded in the 2018/19 audit period.

Oesophago-Gastric (OG) Cancer

- Over the last five audit years, the proportion of patients with OG cancer who have a plan for curative treatment has increased, from 37.7% among patients diagnosed in 2014/15 to 40.0% among those diagnosed in 2018/19.

Epilepsy12

- In 85% of Health Boards / Trusts adult neurologists were routinely involved in **transitions to adult services**, increased from 78% in 2018.

See also: *NELA's separate in-focus report on its national impact.*

Stroke (SSNAP)

- Percentage of patients scanned within 1 hour of clock start increased from 42% (13/14) to 55% (19/20)
- Median time between clock start and assessment by stroke consultant decreased from 13h 41m (13/14) to 9h 11m (19/20)
- Percentage of patients treated by a stroke specialist Early Supported Discharge team increased from 25% (13/14) to 41% (19/20)
- Percentage of applicable patients screened for nutrition and seen by a dietitian by discharge increased from 66% (13/14) to 83% (19/20)
- Percentage of patients given a swallow screen within 4 hours increased from 64% (13/14) to 75% (19/20)
- Percentage of eligible patients receiving a 6 month follow-up increased from 19.9% (13/14) to 40.6% (19/20).

Neonatal (NNAP)

- 79.9% of extremely preterm babies were born in centre with a NICU in 2020, compared to 77.5% in 2019.

Paediatric Diabetes

- The NPDA has stimulated and evidenced an improvement trend for completion rates of key health checks for Type 1 diabetes, although COVID-19 impacts have reversed this temporarily.

Maternal, Newborn and Infant (MNI) CORP

- Fewer women now die from pregnancy hypertensive disorders than at any stage in the past as a result of taking up Confidential Enquiry recommendations.

Falls & Fragility Fracture (FFFAP)

- Case-mix adjusted National Hip Fracture Database (NHFD) mortality control-charts enable sites to promptly identify significantly poor or excellent performance
- Data levels across FFFAP remained consistent despite the pressures through the pandemic
- 78 Fracture Liaison Services (FLSs) are participating in the Fracture Liaison Service Database (FLS-DB) (15% increase since 2019) and can access evidence of improvement via live run charts and benchmark tables.

Paediatric Intensive Care (PICANet):

- Report on national-level data summarising the characteristics, interventions received and outcomes for patients with COVID-19 admitted to PICUs. The COVID-19 Customised Data Collection aims to further support understanding of the disease and better describe the presentation and treatment provided within PICUs
- Two fifths of all units reported a decrease in the number of unplanned extubations over the three years 2017 to 2019.

National Vascular Registry

- The outcomes (mortality or stroke/death) following most major vascular procedures between 2018-2020 have mostly all slightly increased compared to previous years (due to COVID-19). No trusts were negative outliers
- The median delay between symptom and carotid endarterectomy (CEA) is stable at 12 days. The median delay exceeded 20 days in 2020 at 5 vascular units, which is less than a quarter than in 2016.

Arthritis

- Getting It Right First Time accesses real time provider-level NEIAA data to support Trust inspections in England
- NHS England Early Inflammatory Arthritis Best Practice Tariff (currently suspended) is based on data from the audit.

National Vascular Registry

- NVR results are used by the national commissioners for vascular surgery and often feed into discussions about the on-going reorganisation of vascular services in the UK and recovery of vascular services following the COVID-19 pandemic
- The capture and reporting of aortic devices on the NVR is an important step in responding to some of the recommendations of the Cumberlege Review.

Child Health CORP

- Guides are produced to encourage commissioner engagement and help them understand how the report recommendations can help commission effective services
- We have worked closely with numerous partner organisations on long-term ventilation, including NHSE, to ensure consistency across projects – presentations and meetings are already being planned to elicit a joined-up approach to the report recommendations.

Paediatric Diabetes

- Results form part of performance indicators for CCGs, and will be produced at ICS level from 2020/21
- The NPDA measures key BPT criteria.

Psychosis

- 2017/18 and 2018/29 data used to calculate CQUIN Improving physical health in people with SMI.

Bowel Cancer

- The NBOCA Project Team has collaborated with CQC to engage with services who are outliers and/or have insufficient data entered to ensure they have plans to remedy the situation.

Paediatric Intensive Care: PICANet

- Includes measures that are part of NHS England's Commissioning for Quality and Innovation (CQUIN) framework which supports quality improvement with a financial incentive
- Informs and contributes to the development of the Paediatric Critical Care Society's (PCCS) Quality Standards.

Neonatal (NNAP)

- The Specialised Services Quality Dashboard for Neonatal Critical Care is regularly aligned with NNAP measures.

Child Mortality

- NCMD webinar featuring Professor Simon Kenny, NHS England, held to demonstrate impact of CDR data, Jan 2021.

Maternal, Newborn and Infant (MNI) CORP

- In response to ethnic inequalities highlighted in the MBRRACE-UK findings and reports, NHS England/Improvement have developed Equity and Equality Guidance for Local Maternity Systems and asked Local Maternity Systems to coproduce Equity and Equality Action Plans.

End of Life

- Regional gap analysis undertaken. NHSE/I pushing planning to regions and so will be useful tool from which regional priorities should flow.

Prostate Cancer

- NPCA results are utilised by NICE to inform: their risk stratification review: "*we believe that this new evidence is a sufficient basis for an expert committee to consider the impact on risk stratification (recommendation 1.2.16) and the subsequent treatment recommendations' and their advice on biopsies: 'it was decided that the diagnostics assessment programme is likely to be the most appropriate way to assess the clinical and cost-effectiveness of specific transperineal prostate cancer biopsy devices. As such, no update to the NICE guideline is currently proposed as the topic will be considered for guidance development within the diagnostics assessment programme.'*"

Stroke

- Supporting National Quality Improvement initiatives through data collection and production of bespoke data outputs:
  - Getting It Right First Time (GIRFT)
  - Critical Time Standards
- Data collection and reporting to support the delivery of the NHSE Long-Term Plan, providing a baseline for ambitions and measuring progress over time.

Diabetes

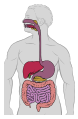
- NPID has found that there are now more pregnancies in women with type 2 diabetes than in women with type 1 diabetes.

Epilepsy12

- Audit are represented on the new NHS England Epilepsy Oversight Group. Evidence from the audit will be used to support policy and improvements in 4 priority areas of epilepsy care.

Breast Cancer

- NABCOP, in collaboration with NCRAS, assessed the feasibility of linkage between the Primary Care Prescription Database (PCPD) and cancer registry data. The successful linkage, conducted for the first time, provided valuable added information on endocrine therapy.



Oesophago-Gastric (OG) Cancer

- The NOGCA team developed a Composite Indicator, to summarise the performance of OG cancer specialist centres. Its use has been discussed with NHS England specialist commissioners. The indicator will be refined to support commissioners and policy makers.

Medical & Surgical CORP

- Based on the recommendations from the "Know the Score" (2019) report, further research was undertaken to incorporate the use of artificial intelligence for standardizing CT Pulmonary Angiography reporting. There is now an opportunity to embed the software in a few acute trusts.

Falls & Fragility Fracture (FFFAP)

- NHFD data used annually to inform CQC reviews in England, delivery unit support in Wales, the development of NICE quality standards and hip fracture service reviews by the British Orthopaedic Association (BOA)
- FLS-DB contributed to the development of an integrated 'blueprint' pathway for secondary prevention of fragility fractures, an NHSE/I initiative 'Best MSK Pathway'. FLS-DB data entry is considered standard throughout the pathway
- Live website data on hip fracture surgery supplied to GIRFT to improve efficiencies in surgery.

Stroke

- Bespoke tools for quality improvement:
  - DIY analysis tool
  - Real-time indicators
  - Custom fields
  - Patient-level thrombolysis tools
- 932 bespoke team-level outputs created for October-December 2020.

Arthritis

- The Patient Reported Outcomes Measures data tool shows individual patient's performance using a Red Amber Green colouring system allowing clinicians to identify areas for improvement
- Quality improvement resources including a business case for support example are available on the audit website.

National Vascular Registry

- The peripheral arterial disease quality improvement programme (PAD QIP) was launched in 2020, with an aim of improve the quality of care for patients presenting with chronic limb-threatening ischaemia (CLTI) by developing a quality improvement collaborative of healthcare professionals across the UK.

Breast Cancer

- NABCOP Local Action Plan 2021 helps local teams to set clear QI aims based on the audit's recommendations and develop plans for implementation.
- Resources that give an introduction to QI and commonly used QI tools, have also been made available on the NABCOP Website.

Falls & Fragility Fracture (FFFAP)

- Four 'how to' videos created across FLS-DB and NHFD to help audit users interpret and thereby get the most from their data
- Four English hospitals took part in the HipQIP collaboration and each saw improvements in 30-day mortality as a result (9.2% before – 5.8% after)
- NHFD run charts enable all 175 trauma units in England and Wales to promptly recognise and respond to changes in the standards of care that they are providing
- Additional case studies on improving NHFD KPIs and mortality have been added to the NHFD Improvement Repository
- 12 FLSs have contributed towards the FLS-DB Improvement Repository.

Neonatal (NNAP)

- *Case study:* Implementation of delayed cord clamping in all preterm infants NNAP annual report on 2020 data (p.42).

Paediatric Intensive Care: PICANet

- Clinical teams can monitor the PICU's mortality rates in real-time via the risk-adjusted standardised mortality ratio (SMR). PICANet provide training to support individual PICU mortality monitoring with a dedicated session at the PICANet Annual Meeting.

Maternal, Newborn and Infant (MNI) CORP

- In 2021 MBRRACE-UK Real-time Data Monitoring Tool was used by staff in every Trusts/Health Boards at least once to visualise their perinatal mortality data in real time. It was used on a monthly basis by 55% and bi-monthly by 22% of Trusts/Health Boards.

Prostate Cancer

- Provider level results for England and Wales are published on the NPCA website alongside resources to support local quality improvement (QI; action plan templates, provider-level reports and slides sets, case studies).

Oesophago-Gastric (OG) Cancer

- One NHS Foundation Trust said: *"We find the interactive Trust results really useful and base our action plans on them."*

Bowel Cancer

- East Kent, found to be an outlier on 90-day mortality, has started a prehabilitation programme to improve pre-operative health states to reduce peri-operative morbidity and mortality
- University Hospitals of Leicester, found to be an outlier on 30-day unplanned readmissions, is undergoing a major reconfiguration of colorectal services in 2021 and it will use NBOCA results to inform its future pathways to avoid unplanned and potentially unnecessary readmissions to hospital for its patients.

Psychosis

- 2021 QI webinars focused on service experiences in the recording and use of outcome measures and the challenges of improving take up and reducing refusal rates of interventions. ~200 attendees from England and ~30 from Wales.

Child Mortality

- Quality improvement (QI) review of the Joint Agency Response (JAR) processes involved in the investigation of unexpected child deaths started.

Medical & Surgical CORP

- One trust reported that following the publication of "Delay in Transit" (2020) they revised their emergency laparotomy pathway to include the recommendations; whilst other trusts undertook local audits
- Based on the recommendations from 'Treat as One' (2017), one trust undertook an audit of the documentation of initial liaison psychiatry assessments. The re-audit showed improvements in documentation quality.

Paediatric Diabetes

- The NPDA enables benchmarking at unit, Trust, regional, CCG/LHB and ICS level.

Child Health CORP

- At one trust an audit cycle was completed following the standards outlined in "Each and Every Need" (2018). Short-term interventions were introduced, resulting in improvements in patient documentation as shown via the re-audit that was conducted.

Epilepsy Quality Improvement Programe

- Following a successful pilot, 17 NHS Trusts joined new waves of EQIP. Improvement projects included:
  - mental health screening
  - patient support for SUDEP
  - new care pathways
  - reduced waiting times post-referral.

End of Life

- Individual participants received timely bespoke dashboards and access to online benchmarking toolkit – local service improvement opportunities and action plans are being developed.

Prostate Cancer

- The NPCA Patient Survey provides a unique insight on men's views of the quality of care they receive and the impact of radical treatment on their daily lives:

  - Men continue to engage successfully with this initiative - a high response rate (78%) was achieved during the latest round of data collection
  - The survey was sent to ~11,500 men diagnosed April 2018 – September 2018, who subsequently underwent radical treatment).
  - Results were reported in the Annual Report 2020 and its accompanying Patient Summary.

Oesophago-Gastric (OG) Cancer

- The 2020 Report for Public and Patients was produced with input from a number of charities and patient groups.

Epilepsy12

- A set of 'clinic posters' were developed which are a **one-page, easy to access information** of an NHS Trust or Health Board Epilepsy12 results. Designed to be displayed in clinics or shared digitally with patients/families.

Dementia

- Development and piloting of a new flexible patient feedback tool for people with dementia admitted to a general hospital, based on priorities for care identified by people with dementia. Wider targeted consultation with groups and individuals from Black, Asian and other communities previously under represented.

End of Life

- Patient friendly report produced and extensively publicised through unique collaboration with the Patients Association.

Arthritis

- The videos created for patients have been viewed almost 2500 times to date. The videos provide information about the audit and its importance in driving up standards of care, thus encouraging patients to participate in the audit
- The patient panel has developed a framework for the ideal clinic visit following on from the first annual report recommendations. The framework considers several ways of optimising consultations for patients.

Medical & Surgical CORP

- Videos relating to our reports have been put onto YouTube and been viewed almost 2,300 times.

Paediatric Intensive Care: PICANet

- Produces an annual report summary each year which is useful for the public, patients and families to aid understanding of the outputs. An infographic will accompany the Annual Report 2021 to increase the accessibility of the report's key messages.

Psychosis

- 2019/20 service user survey which was developed with input from service users and carers.

Breast Cancer

- NABCOP's 'guide to the breast cancer pathway for older women', of particular relevance to women aged 70 and over, was developed in collaboration with patient and charity representatives. It aims to guide patients' discussion of key elements of their care and treatment with their wider breast care team, and clinical nurse specialist
- Infographics that summarise the main report results for patients and the public were developed with patients and patient representatives.

Stroke

- Quarterly summary public infographics for the clinical audit, highlighting key figures and findings over time.

Paediatric Diabetes

- Over 10,000 parents and patients completed PREM surveys in 2021
- Bespoke unit level results posters publicising the audit are available for display in clinic waiting areas.

National Vascular Registry

- Since 2016, the NVR has produced infographics for its procedures in order for key results to be accessible to patients. These infographics have been improved by involvement with the NVR's patient panel.

Diabetes

- The NDA publish data in a variety of formats including national strategic reports, interactive spreadsheets and patient friendly reports.

Neonatal (NNAP)

- Poster displaying unit level audit results using infographics revised to make results more accessible within the neonatal unit.

Child Mortality

- Website use increased – 25,362 page views from Jan-May 2021 (10,944 for the same period in 2020; increase of over 200%).

Falls & Fragility Fracture (FFFAP)

- The National Audit of Inpatient Falls (NAIF) along with the FFFAP patient and carer panel produced information resources aimed at healthcare champions who are looking to influence and improve the management of patients who have fallen in an inpatient setting
- New guide for family carers of hip fracture patients released. By October 2021 it had been viewed 3,157 times. Feedback is that it has been particularly useful during covid, when carers have not been able to go into hospital
- FLS-DB worked with RCGP and BMA to produce a patient video about returning to primary care and the importance of bone treatment adherence.

Bowel Cancer

- The annual report has been download 2,571 times since publication and the trust results page 1,609 times. The patient report has been downloaded 90 times.

Child Health CORP

- Online surveys and focus groups have been run to engage patients and parents and carers and seek their views on the care received in relation to the transition from child to adult health services
- A resources page for service users and parents relating to LTV is available on our website to download. This page lists websites and links containing additional information and resources.

Maternal, Newborn and Infant (MNI) CORP

- A number of campaigning organisations have been established in response to the ethnic inequalities highlighted in the MBRRACE-UK findings and reports including the Fivexmore campaign.

HQIP

Healthcare Quality
Improvement Partnership

Measuring and improving our healthcare services

Healthcare Quality Improvement Partnership

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