HEALTHCARE QUALITY IMPROVEMENT PARTNERSHIP

IMPACT REPORT

2020

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 2019 to March 2020 (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
Evidence of national improvements in the quality and outcomes of care

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

Stroke (SSNAP)

- Median % of days as an inpatient on which physiotherapy is received increased from 54% (13/14) to 73.5% (17/18)
- Median time between clock start and being assessed by stroke consultant reduced from 13hr 41 m (13/14) to 10h 02m (17/18)
- **July-Sep 2013:**
  - 0 teams (0%) = A score
  - 8 teams (4%) = B score
  - 77 (43%) teams = E score

  Oct-Dec 2018:
  - 57 teams (27%) = A score
  - 79 teams (37%) = B score
  - 2 teams (1%) = E score

Paediatric Diabetes

- With the exception of 2017/18, there has been year on year improvement in the national median HbA1c (the best indicator of diabetes control) over the past 8 years
- Care process completion has improved nationally, with 55.2% of young people aged 12 and above receiving all key health checks in 2018/19, up from 24.0% in 2014/15

National Vascular Registry

- 5-day target from admission to procedure for revascularisation for critical limb ischaemia is met by 58% of patients for bypass and 54% for angioplasty

Dementia

- 23% increase in patients with dementia receiving nutritional assessment, from 70% in 2009 to 93% in 2018
- 43% patients received 7 key in-hospital assessments in 2018, compared with 31% receiving all 7 in 2016

Bowel cancer

- 90-day mortality after emergency surgery has improved from 16.3 per cent to 11.5 per cent over the last 5 years

Falls & Fragility Fracture (FFFAP)

- 90% of patients had a prompt orthogeriatric assessment in 2018

Neonatal (NNAP)

- Rates of parental consultation with a senior member of the neonatal team within 24 hours of admission have increased from 89% in 2013 to 96% in 2018
- Rates of recorded two year clinical follow-up assessment have increased from 41.9% in 2012 to 70% in 2018

Paediatric Intensive Care (PICANet):

- 5.8% improvement in proportion of non-elective transports mobilised within 1 hour [65.1% in 2015 to 70.9% in 2018]
- 2% improvement in proportion of patients discharged alive from paediatric intensive care unit (PICU) [94.3% in 2004 to 96.3% in 2018]

Child Mortality

- 70% of deaths occurring after 1 April 2019 have been entered into the National Child Mortality Database (NCMD)

COPD/Asthma

- Increase in the percentage of COPD patients receiving a discharge bundle up to 67.2% (2018) from 53.0% (2017)
- Increase in the percentage of COPD patients reviewed by a respiratory consultant within 24 hours up to 64.0% (2018) from 54.8% (2017).
- Increase in the percentage of pulmonary rehab patients receiving a written discharge exercise plan up to 84% (2017) from 65% (2015)

Ophthalmology

- Increase in the number of participating NHS Trusts/Welsh Health Boards from 77 (63%) in the 2018 Annual Report to 83 (70%) in the 2019 Annual Report

Prostate Cancer

- The potential 'over-treatment' of men with low-risk prostate is continuing to decline (from 8% 15/16 to 4% 16/17)
- The proportion of patients with sufficient data to enable risk stratification has increased to 94% (16/17) from 78% (14/15)

Cardiac

- Waiting times for elective coronary artery bypass graft surgery (CABG) reduced from a mean of 105 days in 2014/15 to 96 days in 2016/17

Diabetes

- GP participation in the national diabetes audit has risen to 98.3% of eligible practices

Lung Cancer

- 65% of patients diagnosed with non-small cell lung cancer (NSCLC) in 2017, with a good PS, received chemotherapy. This figure was 48% for those diagnosed in 2008

Oesophago-Gastric (OG) Cancer

- PET-CT scan is now recommended for staging OG cancer patients with curative treatment plans. The use of PET-CT increased from 63% in 2012/13 to 71% in 2016/17

Breast cancer

- Reported rates of contact with a clinical nurse specialist (CNS) have increased from 85% in 2014-2016 to 95% in 2017 (in England)

Epilepsy12

- 2018 organisational audit showed improvements (compared to 2014) in the overall numbers of epilepsy nurse specialists and paediatricians with expertise, and the number of specific clinics for children and young people with epilepsies

Mental Health CORP

- Removal of non- collapsible ligature points resulted in fall in number of in-patient deaths with trend continuing (though slowing)

Arthritis

- 96% of Trusts and Health Boards in England and Wales are participating in the National Early Inflammatory Arthritis Audit (NEIAA)

Psychosis

- Spotlight report: 22% of patients in early intervention in psychosis (EIP) services had outcomes measured at least twice within 12 months (an increase of 13% since 2017/2018)

End of Life

- Report back to the Ambitions Partnership and the National Palliative Care Board (England) on progress against the five priorities for care and the NICE standards and guidelines

Emergency Laparotomy

- Improvements in care have reduced patients' average hospital stay from 19.2 days in 2013 to 16 days in 2018

Arthritis

- NHS England implemented the new Best Practice Tariff (BPT) based on data from the audit

Bowel cancer

- National Bowel Cancer Audit (NBOCA) is now linked to the National Emergency Laparotomy Audit (NELA); some initial findings were published in the 2018 report

Falls & Fragility Fracture (FFFAP)

- 65,000 lines of data on hip fracture surgery supplied to Getting it Right First Time (GIRFT) to improve efficiencies in surgery
- Data from fracture liaison service database used by Royal Osteoporosis Society for updated fracture liaison services standards
- Paper published referencing the National Hip Fracture Database showing Best Practice Tariff works to improve hip fracture care
- New BOAST (British Orthopaedic Association Standard) co-badged by the National Hip Fracture Database

National Vascular Registry

- NVR results have been provided to Getting it Right First Time (GIRFT) for use in their national report and for the deep dive visits they have performed with every English NHS trust that provides vascular surgery

Dementia

- Audit data will be used by CQC to guide inspection teams: carer rating of care; patients needs being met; monitoring of delirium; and discharge planning

COPD/Asthma

- Best Practice Tariff (BPT) for COPD in place since April 2017. Attainment:
  - 2017/18 Q1: 23.5%
  - 2017/18 Q4: 40.1%
  - 2018/19 Q2: 50.7%

Maternity and Perinatal

- Heavily involved in developing the Maternity Services Dataset from NHS Digital
- Contributed to the work of the Maternity Transformation Programme in England, particularly work stream 6, providing key learning relating to data quality for national programmes in maternity

Neonatal (NNAP)

- For the first time, the NNAP reports rates of babies born < 27 weeks in a centre with a Neonatal Intensive Care Unit, supporting effective network configuration and delivery of care

Paediatric Intensive Care: PICANet

- The main data source used to inform NHS England's Paediatric Critical Care and Specialised Surgery in Children Review [2016–present] and NHS England's Paediatric & Congenital Cardiac Services Review [2014-2017]

Child Health CORP

- Joint working with numerous partner organisations on long-term ventilation to ensure consistency across projects – presentations and meetings are already being planned to elicit a joined up approach to the report recommendations

Child Mortality

- NCMD is in the process of developing an analytical model for the regular monitoring of statistically significant peaks and clusters of deaths nationally and by region

Paediatric Diabetes

- Results will form part of performance indicators for CCGs
- The NPDA measures key Best Practice Tariff (BPT) criteria

Breast cancer

- Results were provided to Getting it Right First Time (GIRFT) for use in their national report, and for the deep dive visits they are making to every English NHS Trust providing breast surgery

Prostate Cancer

- National Prostate Cancer Audit (NPCA) results were utilised by the NICE committee during the Prostate Cancer guideline update (published May 2019)
- Publication of NPCA performance indicators as part of the Unit Level Clinical Outcomes Programme
- *"The NPCA has been integral to planning and re-designing patient pathways for rapid access to diagnosis and treatment. The London/Manchester Cancer Vanguard, which hopefully will be a model for the UK, has leaned heavily on NPCA results to enable this to happen."*

Ophthalmology

- Feeds data into: CQC, data.gov.uk and MyNHS/ NHS choices websites
- Informing NICE Quality Standard on serious eye disorders (QS180)

Cardiac

- Data for Clinical Outcomes Publication (COP) produced at operator and unit level for Percutaneous Coronary Intervention and Adult Cardiac Surgery (over 1000 individual reports in total)

End of Life

- Supporting progress against national end of life care policy in England and Wales

Lung cancer

- NLCA data was used by the National Lung Cancer Forum for Nurses (NLCFN) as a basis for a review into the positive impact of a lung cancer nurse specialist early intervention following emergency admission

Epilepsy12

- liaised with the NHS England Pricing Team on the development of a revised Paediatric Epilepsy Best Practice Tariff for 2019

Oesophago-Gastric Cancer

- Provided indicators to the CQC for their dashboard summary that guides inspections. The indicators also feature on the HQIP clinical audit benchmarking website

Diabetes

- The annual Pregnancy in Diabetes conference attracts 500 healthcare providers, with a keynote speech given by the clinical lead, the QI lead and two of the QI teams

Mental Health CORP

- National suicide prevention strategies and plans: *Preventing Suicide in England – third progress report* (2017) and *Cross-government suicide prevention workplan* (2019)

Anxiety and Depression

- Data collected in 2018 as part of the core audit will be used by CQC to guide future inspections

Psychosis

- Data from EIP spotlight audit (2018/2019) used to calculate CQUIN Improving physical health in people with SMI (EIP services)

Stroke (SSNAP)

- Best Practice Tariff (BPT) Tool used to calculate which patients are eligible to receive each of the three components of BPT

Medical & Surgical CORP

- *On the Right Course, 2018* is being used as part of the service specification for cancer care in young people

Emergency Laparotomy

- Supported introduction of Best Practice Tariff for Emergency Laparotomy

Stroke (SSNAP)

- 975 bespoke team specific outputs created in Oct-Dec 2018
- Case studies and QI tips available in new SSNAP QI area on website

Arthritis

- The audit analyses data quarterly to identify and contact units at risk of becoming outliers if performance does not improve before the end of year 1 data collection
- The PROMs data tool shows how well individual patients are doing using a RAG colouring system
- The dashboard allows sites to see instantly how they are performing against NICE QS 2 & 3

Paediatric Diabetes

- NPDA events bring MDT staff together to share best practice

National Vascular Registry

- Each user of the NVR IT system is able to view summary tables and graphs that show the results of any cases they have entered. Consultants have access to a revalidation report.

Dementia

- 7 hospitals presented on local quality improvement (QI) workshops in September-October 2019. Topics ranged from developing better recording of patient needs, better pain assessment, to on-ward bite-size teaching leading to improved staff confidence and morale
- Over 80% of delegates to QI workshops said that they felt more prepared to make positive changes in their hospital

Breast cancer

- Users of the Public Health England's CancerStats website can now view summary tables and graphs showing the completeness of key COSD data items used by NABCOP

Falls & Fragility Fracture (FFFAP)

- 10 local teams participated in FLS-DB 9 month QI collaborative and demonstrated improvement
- 24,950 my hip fracture care booklets distributed to hospitals

Maternity and Perinatal

- Data has been used to: make improvements in clinical practice or organisation of care (59% of trusts); make improvements in collaboration with other trusts or networks (32%); inform service users (15%); guide local audit (50%); make improvements to data (44%)

Neonatal

- Following poor audit result, one hospital improved the %of children with health data entered for 2 year assessment from 27.7% in 2016 to 94.7% in 2018

Paediatric Intensive Care

- 24 English PICUs & 9 English critical transport services able to access real-time local data downloads and reporting stimulating quality improvement discussions

Child Health CORP

- Recommendation checklists have been downloaded almost 4,000 times

Child Mortality

- In 2019, the first year of the programme's data collection, NCMD began work on developing child death overview panel (CDOP) quality assurance reports to drive improvements in the data quality

End of Life

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

Prostate Cancer

- Excellent local engagement during the NPCA Outlier Process. Potential outlying trusts have carried out local quality improvement including local data review, development and implementation of detailed action plans
- "*Since the audit results we have addressed these shortfalls, we are in the process of setting up erectile dysfunction clinics and have appointed a new consultant urologist who is leading the reconfiguration of the service.*"

Ophthalmology

- Audit findings used at local and regional teaching sessions
- Audit outcomes used for validation and appraisal

Cardiac

- One hospital established a 3 month pilot programme to improve timeliness to angiography, as audit showed this was poor. Improved compliance with angiography within 72 hours from less than 35% of patients to more than 85%, along with reducing length of stay.

Epilepsy12

- Established Epilepsy Quality Improvement Programme (EQIP) with a training and project planning weekend attended by 10 EQIP teams (Nov2019). The collaboration meet online every month to share progress on their local QI project and learn from other teams.

Lung Cancer

- A robust outlier policy was introduced in 2017 annual report; this identified 6 alarm level outliers who all provided action plans to improve their results

Diabetes

- One hospital is using audit data to transform Diabetes Management and have been presenting their findings to other teams

Oesophago-Gastric Cancer

- Local action plan templates for hospitals to document how they will respond to the recommendations in the annual report

Medical & Surgical CORP

- Provides a gap analysis and other tools to help promote local QI
- *"All reports get presented to our monthly Clinical Management Board meeting, and the action plans are monitored thereafter"*

Mental Health CORP

- National covid-19 response: working directly with all STPs and MH trusts to support local suicide prevention and covid-19

Anxiety and Depression

- Services have changed practice following outlier analysis. For example, one Trust has started carrying out weekly audits to ensure service users are given care plans

Psychosis

- Findings of the spotlight audit were presented by the clinical advisor in an NHS England webinar in September 2019

COPD/Asthma

- For each clinical audit, there are 8 key outputs to support engagement in data collection and QI:

  -Real-time run charts
  -Site-level reports
  -National reports
  -Benchmarked key metrics
  -Patient reports
  -QI slide sets
  -STP reports
  -Outcome reports

Emergency Laparoptomy

- Evidence of Quality Improvement work being carried out locally using NELA Data. Poster demonstrating local QI work using NELA data.

Stroke (SSNAP)

- Easy access version reports: national report created every 3 months with patients in mind
- 993,991 website visits from January 2019 to June 2019

Bowel cancer

- In December 2018 a new patient friendly version of the annual report was published in conjunction with the clinically focused report
- The audit and the data in the reports are promoted to the public via bowel cancer charities

Paediatric Diabetes

- Nearly 14,000 parents and patients completed PREM surveys in the last data collection round

National Vascular Registry

- Produced infographics for key results to be accessible to patients. These infographics have been improved with involvement with the NVR's patient panel

Dementia

- Accessible version of the 2019 national report (co-produced with people living with dementia) which increased the reach of the audit findings
- MyNHS published data from the audit in September 2019: carer rating of care; patients needs being met (staff report); monitoring for delirium; discharge planning; quality of assessment; carer and staff ratings of communication

End of Life

- Continued involvement, and expansion of, the audit's Quality Survey – survey of bereaved carers

Falls & Fragility Fracture (FFFAP)

- >5000 FFFAP Patient resources distributed in 2019
- 1000 falls prevention booklets distributed across England and Wales
- 3,597 views of FLS-DB animation on fragility fracture

Maternity and Perinatal

- In 2020 a lay summary of the organisational and clinical reports was published in collaboration with the Women and Families Involvement Group

Neonatal

- Poster displaying unit level audit results using infographics sent to every neonatal unit for display in public areas

Paediatric Intensive Care

- Every 2 weeks a new request for access to PICANet data is submitted

Child Health CORP

- Patient questions leaflet was downloaded over 800 times

COPD/Asthma

- 776 survey responses received from adults with COPD and/or asthma regarding what matters to them when they receive care: 3 patient-set priorities incorporated into the NACAP datasets as a result

Arthritis

- The videos created for patients were viewed over 1200 times since they were uploaded in June 2018

Prostate Cancer

- Patient/public summaries of NPCA findings prepared each year in consultation with Prostate Cancer UK and Tackle Prostate Cancer; the results have been disseminated widely within patient membership and support groups
- Prostate Cancer UK and Tackle Prostate Cancer utilise the NPCA Organisational audit results to inform patients regarding the availability of services

Ophthalmology

- 4,191 people viewed the contributing surgeon audit outcomes page on the NOD website since August 2018

Cardiac

- In June 2018 NICOR launched a new user-friendly website with clear structure; there is also a dynamic glossary and powerful site search, making navigating and understanding the website easier for patients and the public
- NICOR produced a plain English patient-focussed infographic summary of the 2018 report with some of the key findings across the 5 audits; it was presented in an engaging and informative way and has been positively received

Epilepsy12

- Youth Advocates delivered symposia at the 2018 and 2019 Epilepsy12/OPEN UK conferences
- The publication of a report on Epilepsy12 “Clinic Chats” was written by the Youth Advocates

Lung Cancer

- Data was used by Roy Castle Lung Cancer Foundation to provide an interactive map on their website and patient booklets were developed collaboratively with the charity.

Oesophago-Gastric Cancer

- The Oesophageal Patients Association (OPA) website added links to the 2018 patient report

Mental Health CORP

- House of Commons Health Committee: Suicide Prevention - Sixth Report of Session 2016-2017

Anxiety and Depression

- The audit encouraged service user involvement by co-producing the main audit reports with the Service User and Carer Reference Group

Psychosis

- Focus group for people treated by EIP teams and follow up consultations with members of this group were held to develop the service user survey

Medical & Surgical CORP

- Diabetes UK have listed the ‘Highs and Lows’ report as essential reading for patients

Breast cancer

- The audit produces a patient report for breast cancer patients, and the general public that highlights issues related to the treatment of older women and also contains links to additional resources. The reports are produced in collaboration with patient groups and charities.

Emergency Laparotomy

- Supporting local participating sites in establishing their own patient groups: see Resources section of website

HQIP

Healthcare Quality
Improvement Partnership

Measuring and improving our healthcare services

Healthcare Quality Improvement Partnership

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