

Challenges and benefits of supporting Trusts in forming an overview of NCA results

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Context

- The environment into which NCA results arrive
- The impact this has on the use of NCA results

How we respond

- King's College Hospital NHS Foundation Trust
- Kingston Hospital NHS Foundation Trust
- Why there is the need for a new national system
- Challenges to be overcome

Context: Tough times

- Unprecedented busyness...
- ... across the whole system social care, mental health care, primary care, acute care
- Increased regulatory requirements
- Information systems
- Cost Improvement Programmes
- Uncertainty about the future for the NHS
- Enormous turbulence

Impact on national audits

- National audits are competing with very many other demands for attention and time.
- Fewer staff to collect data
- Staff unavailable to attend traditional forums for reviewing audits and action planning
- Reduced time available for collecting clinical audit data
- Reduced time for reviewing results and implementing improvements
- Support teams under threat, remits changing
- Burn out

However... Trusts do want national clinical audits

That:

- Measure outcomes indicators
- Measure evidence-based process indicators
- Are explicitly linked to NICE and NCEPOD recommendations
- Tell us how we perform against:
 - Target/expected
 - National average
 - Peer.
- Help us to identify the specific quality improvements required.

So that:

• We can **assure ourselves**, from front-line clinician to Board, that, we are providing **the best possible care for our patients**.

• And that:

Help us to demonstrate this to the regulators and commissioners.



The story at King's...





King's provides care to 1.5 million patients...

1 million outpatient appointments a year



20,000 FT members



> 1500 beds



1,700 volunteers



2,000 doctors



114,000 Inpatient

stays a year

4,000 nurses



6 x CCGs



13,000 staff



...across 5 main sites in South East London





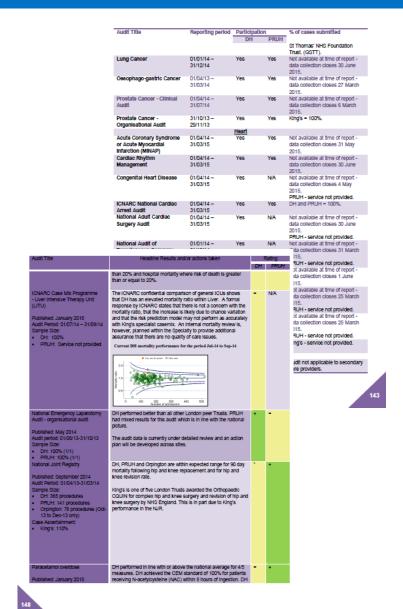
The size of the national audit challenge... large Trust

In the 2014-15 Quality Account, KCH reported on:

- Participation in 53 national clinical audits and 4 NCEPODs
- Results and key improvement actions for 44 national clinical audits and 9 national registries.

For:

- 2 main hospital sites
- several smaller sites
- = 26 pages of the Trust Annual Report





The size of the national audit challenge... large Trust

- For each of the 53 national clinical audits and 4 NCEPODs
- Ensure participation
- Act on results
- Ensure on-going reporting through governance structures and processes at all levels of the organisation



Undertaken by

- 0.5 wte Band 7
- Clinicians and service managers struggling with competing demands.
- Scarce and over-committed data analysts and administrative staff.



Using national clinical audit data at King's

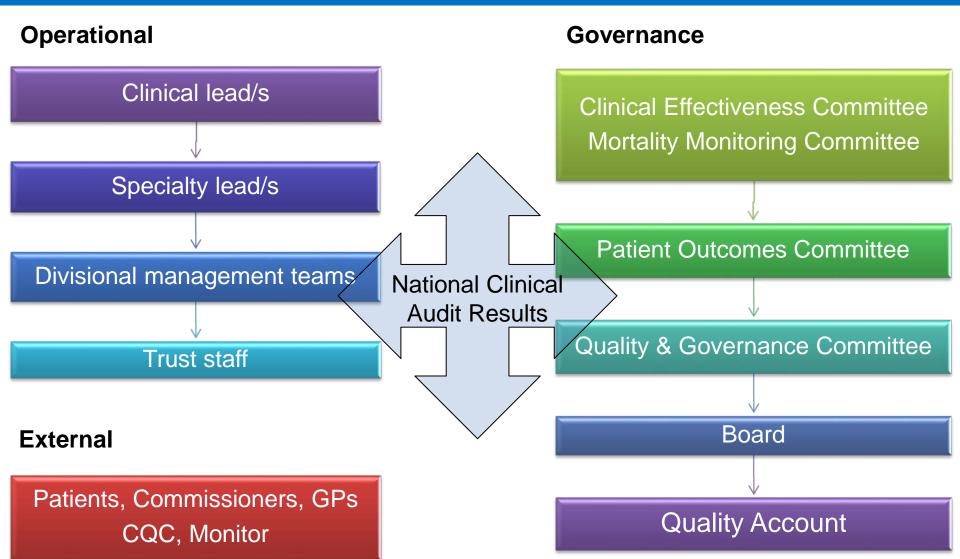


Key messages:

- 1. How did we do?
- 2. Where do we need to improve?



Using national clinical audit data at King's



NCA Executive Summary

Executive Summary

King's College Hospital NHS

1. Title and publication date

Report title: National Joint Registry (NJR) 12th Annual Report

Report published: September 2015

National audit required by: Standard NHS Contract and Monitor

Professional Body/Audit Supplier: Northgate Solutions

Are King's College Hospitals (KCH) results identifiable to the public? Yes. Trust, Local Health Board and unit-level activity and outcomes data is available in a report available via the NJR website (see Link) rather than in the

KCH audit lead (Denmark Hill (DH), Princess Royal University Hospital (PRUH) and Orpington): Mr Patrick Li, Consultant Orthopaedic Surgeon

Lead Committee: Clinical Effectiveness Committee

Audit has been running since: Data collection started in 2003. The NJR began collecting data on:

- . Hip and knee replacement operations April 2003.
- Ankle replacements April 2010
- Flhow and shoulder replacement April 2012
- . Previous participation by KCH: DH has participated in the audit since 2003; whilst PRUH and Orpington have participated in the NJR as part of King's College Hospital since the 1st October 2013.
- - CEC: Jun-11, Feb-13, Aug-13, Dec-13, Sep-14 and Jul-15.
 - MMC: Mar-14 (Consultant Outcomes Programme data).

Key actions arising from previous audit cycles: See Appendix Two.

- · NICE guidelines/Quality standards measured by the audit:
 - . Relates to, but does not report on the recommendations made by TA304 Total hip replacement and resurfacing arthroplasty for end-stage arthritis of the hip (review of technology appraisal guidance 2 and 44) (2014).
- . Trust CQUIN requirements measured by the audit: None
- · Confidential enquiry recommendations measured by the audit: None
- · Trust quality priorities measured by the audit: None
- . Does the audit include information on mortality (to be fed into MMC)? Yes see Appendix One.
- 3. Audit QA against KCH National Clinical Audit Project Standards

Score (see Appendix Three for detail): 5/12

. To collect information on all hip, knee, ankle, elbow and shoulder replacement operations, to monitor the performance of joint replacement implants and the effectiveness of different types of surgery, improving clinical standards and benefiting patients, clinicians and the orthopaedic sector as a whole.

5. Sample and data collection method

- . Sample size: All cases meeting the inclusion criteria during the audit period.
- . Number of cases submitted (participation rate %): Case ascertainment 100% (DH: 248 patients, Orpington: 756 patients and PRUH: 127 patients)
- . Inclusion criteria: All hip, knee, ankle, elbow and shoulder joint replacements
- - Joint replacement activity for hip, knee, ankle, elbow and shoulder: 01/01/14 31/12/14

- Hip and knee replacement surgery: 01/04/03 31/12/14
- Ankles: Data from 01/04/10
- Shoulders: Data from 01/04/12
- Prostheses used in joint replacement surgery for hip, knee, ankle, elbow and shoulder: 01/01/14 -
- Unit outlier analysis covers all primary procedures performed from 01/04/03 28/02/15

Data Collection Method - KCH (all sites)

- How data were obtained? NJR forms are available in each theatre where hip and knee replacements are carried out. The surgeon performing the operation is responsible for completing the form.
- . Who collected the data and how was it submitted? Once the NJR form is completed it is entered into the NJR data entry system by members of the Orthopaedic Department and submitted electronically to the national
- Was the data validated locally before it was returned? Every day a "lead" surgeon is responsible for reminding the surgeons to complete an NJR form following surgery. Incomplete forms are returned to the surgeon to complete.

Was data validated nationally? Yes - Volume of activity submitted is compared to HES/SUS data

6. National recommendations

7. Improvement process

- 1. The NJR will notify the Chief Executive and the individual surgeons identified, providing a copy of their data to comment on and to correct if it is incomplete or inaccurate.
- 2 The NIR advise that:
 - . A notification of a potential outlier status at consultant level should trigger an internal audit of the surgeon's practice to establish reasons for the higher revision rate.
 - · A notification of a potential outlier status at unit level should involve a comprehensive review of current practice in the unit.
- 3. The Regional Clinical Co-ordinator for the relevant Strategic Health Authority and the NJR Steering Committee surgeon members will help in the management of a potential outlier. Professional hodies such as the British Orthopaedic Association are also available to provide assistance.
- Any issues requiring escalation to CEC: No
- Does KCH intend to participate in next cycle of the audit: Yes

8.	Actions taken in addition to review at next CEC as a result of publication	Yes, no, comments where urgent action needed and dates when committee presentation is needed		
•	Urgent issues for Medical Director/Nursing Director:	No		
•	Schedule for presentation to Mortality Monitoring Committee – urgent:	No		
•	Schedule for presentation to Mortality Monitoring Committee – part of scheduled Division report:	Yes		
•	Forward to other Trust Committee/group: (e.g. Deteriorating Patients Group, Health Care Acquired Infection Operations Committee, Patient Safety Committee)	No		

9. Next data collection/ report publication dates

Audit period: 01/01/15 - 31/12/15

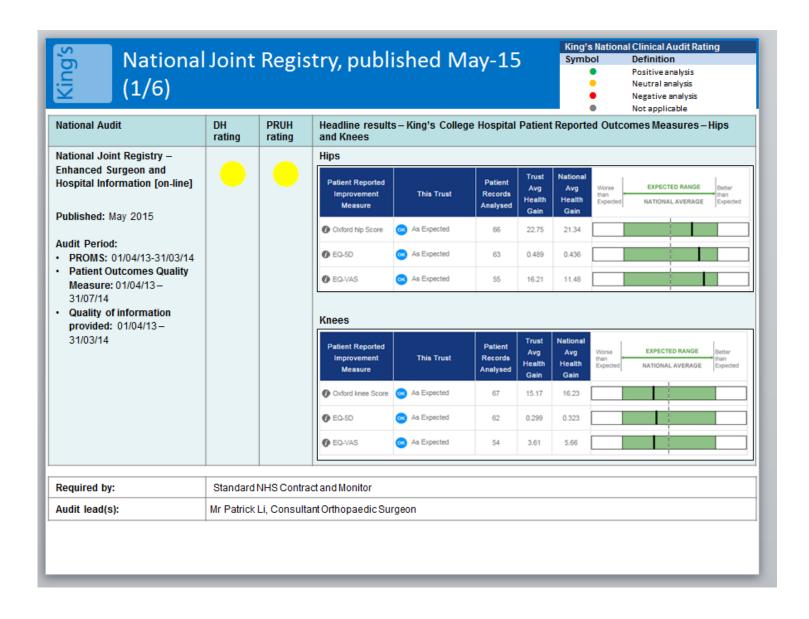
Next report publication date: September 2016

Data submission deadline: Continuous data collection managed by the

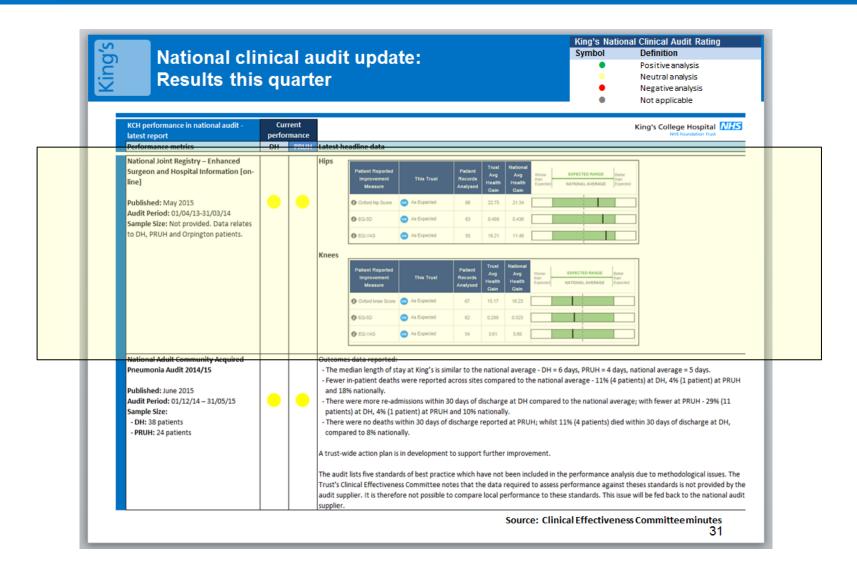
NCA Report Executive Summary, NJR, September 2015, (v0.1 19 Oct 2015)

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NCA Headline Data Slide

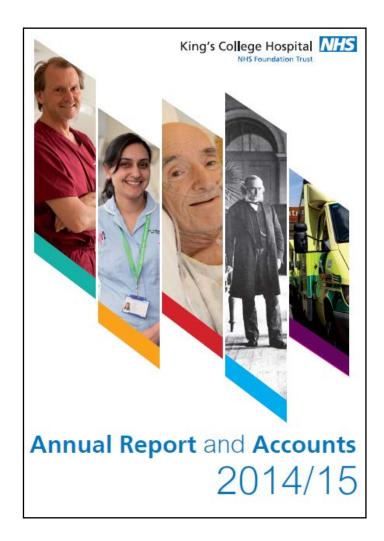


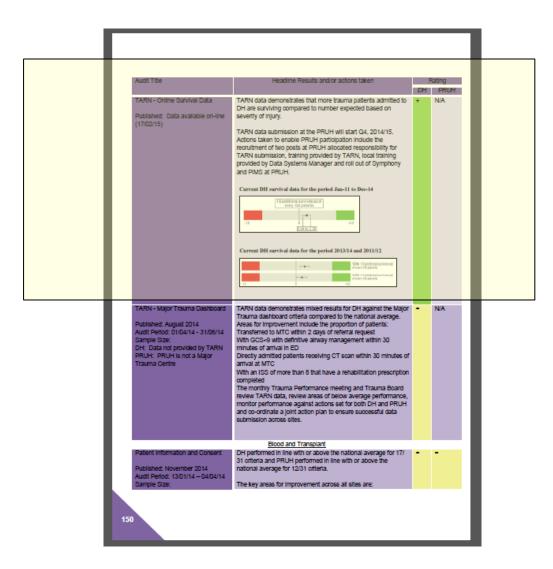
Patient Outcomes Report





Trust Annual Report





Corporate Communications

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King's has high bowel cancer success rate

King's Health Partners

Top scores for neonatal unit Latest national audit show outstanding results for the bowel cancer team and their patients.

The National Bowel Cancer Audit (published July 2013), run by the Association of Coloproctology of Great Britain and Ireland (ACPGBI), demonstrates that significantly more patients treated at King's survive bowel cancer:

The neonatal units at King's C the best providers of care for of Paediatrics and Child Health

The National Neonatal Audit P

King's excels in Parkinson's UK audit

In a national audit carried out by Parkinson's UK, we scored 100% in all four of the key areas.

by babies admitted to no

admitted receive of Organ donations increase at King's

King's College Hosp England which con Children's Hospital indicators.

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The Potential Donor Audit, published in August 2013, shows how King's has played a key role in increasing the numbers of organs available to pa

The Potential Donor Audit (PDA) started in 2003 as part of a series of measures to improve organ donation. The main aim of this audit is to determine the notential number of solid organ donors in the UK.



King's specialist stroke units score top marks

King's stroke unit scores well in national audit

Our specialist stroke units have scored highly in the recent Sentinel Stroke National Audit Programme (SSNAP), which scores all stroke units across the country so that they can monitor their progress against national standards.

The unit at Denmark Hill has achieved the highest overall score of all of the units in London and joint-highest nationally while the unit at the PRUH was scored highly for the high standard of its thrombolysis care, and the efficiency of its scanning.

Dr. Both units beat the national average on the vast majority of the 44 indicators measuring performance of stroke units across England and Wales. The range of indicators includes measures for thrombolysis care, services for mini stroke patients, good communications between staff and patients, and pathway at discharge.



Top marks for our units include:

- Patients being scanned with 12 hours at 91.3 percent (PRUH) and 92.5 percent (KCH), versus the national average of 83.8 percent;
- Patients receiving thrombolysis within an hour at 80.8 percent (PRUH) and 78.8 percent (KCH), versus the national average of 52.3 percent;
- Patients seeing a specialist stroke consultant within 24 hours at 96.6 percent (PRUH) and 94.5 (KCH), versus the national average of 72.8 percent; and
- Patients seeing a specialist stroke nurse within 24 hours at 94.2 percent (PRUH) and 98 percent (KCH), versus the national average of 86.3 percent.



The story at Kingston....

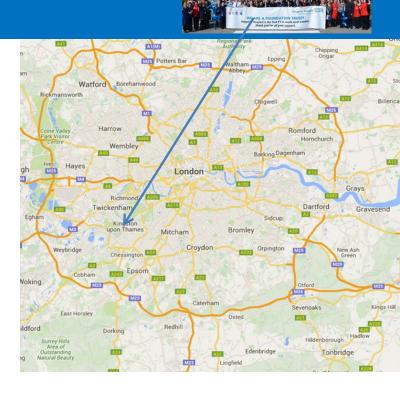


Kingston Hospital – some statistics

- District general hospital supporting around 350,000 people in Kingston, Richmond, Roehampton, Putney and East Elmbridge.
- First acute Trust in South West London to gain Foundation Trust status when we were authorised in May 2013.



520 beds and 2,750 staff



- Main site is Kingston Hospital but outpatients clinics in the community, at Raynes Park, Surbiton, Queen Mary's Roehampton and Teddington.
- Three divisions Emergency Services, Clinical Support Services and Specialist Services



The size of the national audit challenge... medium Trust



In the 2014-15 Quality Account, Kingston Hospital reported on:

- Participation in **29** national clinical audits (plus 7 more due to start) and all applicable NCEPODs
- Results and key improvement actions for 25 national clinical audits
- **133** completed local clinical audits

Appendix C: Actions to be taken following completed national clinical audits

National audit reports	Date Report	Report discussed	Actions Identified	
published in 2014/15	Issued during 2014/15			
Acute Care				
Emergency use of oxygen	Apr 2014	Yes	Oxygen policy revised and staff trained. Oxygen 'Awareness week' taking place in May 2015.	
Severe sepsis and septic shock	Dec 2014	Yes	Various in line with Sepsis 'Sign Up to Safety' project, including review of guidelines and treatment goals.	
Moderate or severe asthma in children	Jan 2015	Yes	Review of working practices has led to changes including ensuring routine blood pressure and peak flow measurement in triage. Triage streaming model altered.	
Paracetamol overdose	Jan 2015	Awaiting discussion		
Adult critical care case mix programme (ICNARC)	Jan 2015	Yes	Recently joined this national audit. Quarterly reports being reviewed by ITU team.	
Pleural procedures	Feb 2015	Due for present- ation Jun 15		

Clinical audit provi	Yes	Awaited	
ional audit paediatric epilepsy (Epilepsy 12) national	Local clinical audit The National Institute for Health and Care	Yes	Education of junior doctors regarding consent Improve distribution of blood transfusion information leaflets to patients.
it provided assurance of comprehensive cal care, including clinical examination,	Excellence (NICE) produce guidance with which hospitals are expected to comply. A	Yes	No actions identified.
s and investigations, treatment and the	clinical audit carried out to assess our	Yes	Awaited
vision of information on lifestyle. Kingston spital scored above the national average for majority of the criteria assessed. One issue	practice compared to the NICE guidelines for pre-operative assessment and tests showed compliance with the guidance. The	Yes	Further local in depth review of specific cases and peri- arrests.
ed at the time of the audit was the lack of Epilepsy Nurse Specialist; the Paediatric	audit also revealed tests were not being repeated unnecessarily when the patient	Yes	Awaited
partment have since recruited to this post.	was admitted to hospital.	1/	Association of the second
	Yes	Appointment of an Inflammatory Bowel Disease	
Clinical audit drivii	Yes	Nurse Specialist Training for ward nurses on	
ional audit	Local clinical audit		nutritional requirements and referral.
eston Hospital's results from the National	The hospital's Pharmacy team undertake a	Results sent to	Awaited

Care of the Dying audit showed that more needed to be done to improve the experience of patients who die whilst they are in hospital. A wide-ranging action plan was developed after the national audit findings were published. This includes actions on staffing, training communicating with relatives. A survey of bereaved relatives is now being undertaken to enable improved communication and support. Targeted re-audits of prescribing to ensure patients are comfortable in their last days and of nursing documentation to ensure holistic care have demonstrated improvements.

number of clinical audits each year to ensure that drugs are being satisfactorily prescribed and administered. Two audits which were repeated during 2014/15 on two antibiotics (co-amoxiclav and gentamicin) showed improvements following actions that had previously been taken. Improvements included better targeted prescribing of coamoxiclav and better dosing control for gentamicin, thus improving patient care.



National clinical audit process at Kingston

Review NCAPOP programme • National audits assigned to Lead Consultant and put on Trust Audit Programme. Clinical Audit team allocates national audit projects to each F1 and F2 Junior doctor

Trust takes part

• Data collected by Service Line staff and/or junior doctors, with process and data entry supported by Clinical Audit staff

Service Line reviews report

- Once report is published, Clinical Audit Facilitator prepares a summary and sends to Lead Consultant. Summary includes assessment of position against national average.
- National audit results discussed at Service Line governance meeting, results risk assessed and action plan for improvement developed.

Trust reviews results and RAG rating

 Results, action plan and RAG rating included in Clinical Audit quarterly report and reviewed by Clinical Audit Group, Clinical Effectiveness Committee, and Quality Assurance Committee, chaired by NED

Quality improvement

- Results RAG rated 'red' (risk assessed) reported to Clinical Quality Improvement Committee
- National audits requiring larger scale improvement referred to Quality Improvement Working Group for project management support

Reporting of NCA results



Service Line

Front line staff



Clinical Audit Group

Front line staff



Clinical Effectiveness Committee

Senior front line and management staff



Quality Assurance Committee

NEDs and Exec team

Clinical Quality Improvement Committee

Clinical Directors and Exec team



Results and actions reported to staff



Key results and actions reported to Board



The crux of the national audit challenge...

Identifying the things that really matter...

- ... for clinicians, operational managers, Executives, Non-Executive Directors, all Trust staff, commissioners, patients, GPs, CQC and Monitor...
- ... in a way that we can all easily identify the key messages...

 ... and use them to drive improvement in outcomes and care for our patients.

Benefits of new system for Trusts

- A quick reference point for reviewing current NCA information
- Agreed key performance indicators which Trusts can use for benchmarking
- Reduce the amount of local analysis by providing a focus on the <u>key</u> indicators
- Clearly identify the areas where improvements are needed.
- Further raise profile of NCAs with Trust Boards and clinicians
- Help improve consistency of NCA data, both output from NCA providers and use within Trusts, and reporting timescales
- Provide CQC with consistent, up-to-date NCA information and standardise approach to the review of NCAs within inspections
- Reduce the burden on Trusts of providing data for CQC pre-inspection reports
- Support openness information more accessible to the public and NHS staff; easier to use in corporate communications

Challenges from a Trust perspective

- Chosen metrics must have clinician buy-in
- Not all NCAs will be included and at first acute trust focused
- Keeping the online database up to date will require significant input from HQIP
- Risk that Trusts focus only on the KPI aspects of NCAs, to detriment of whole picture
- Will provide a picture of Trust performance based on only a small number of indicators
- KPI data could be taken out of context Trusts must be able to provide commentary for the public
 - Challenging to build this into an IT system and ensure that Trusts are engaged
 - Challenging for Trusts to find resource to review and update

Summary

- Times are tough anything that helps is great
- Challenging to get it right
- Success more likely through continued communication and collaboration

We all want to get it right.



Thank you

Any questions?