

# National Clinical Audit United Kingdom

16th December 2020

Professor Danny Keenan  
**Medical Director**



Professor Danny Keenan  
Medical Director  
Healthcare Quality Improvement Partnership  
Associate Medical Director  
Manchester University University Hospitals  
(Retired Cardiothoracic Surgeon)



No Conflicts of Interest

# Who are HQIP?

---



**Our vision:** enabling those who commission, deliver and receive healthcare to measure and improve services



**Our values:** independent, working in partnership with patients and health professionals to improve practice



**Our history:** established in 2008, governed by the AoMRC, National Voices and RCN

**Budget:**  
**€: 15.5 Million**



## Why have a National Clinical Audit Programme?

- It is a way to find out if healthcare is being provided in line with standards
- It lets care providers, clinicians and commissioners, and patients, know how their services are doing
- It identifies where there could be improvements.

**“National” adds Benchmarking which is one of its most important tools.**

What do we do:

Commissioners for the following:

- **Clinical Effectiveness:**
  - Quality Assurance
  - Quality Improvement

In addition, we assure the programme

- Metrics are designed round NICE and other guidance
- We seek out variation which the Service can address

**Patient Involvement is at the heart of all that we do**

# HQIP work programme in 2020

## Cardiac Audits:

- Adult cardiac surgery
- Coronary angioplasty
- Heart Rhythm (Pacemakers, ICDs, Defibrillators)
- Heart Failure
- Heart Attack
- Cardiac Congenital Heart Disease
- TAVI

## Cancer Audits:

- Upper GI Cancer
- Lower GI Cancer
- Breast Cancer
- Urology; Prostate

## Diabetes:

- Core Audit (Community)
- Inpatient Audit
- Inpatient Harms
- Footcare Audit
- Pregnancy and Diabetes

## Mental Health:

- Psychosis
- Anxiety Depression

## Older People:

- Hip Fracture Database
- Falls and Fragility Audit
- Dementia
- End of Life Care

## Children and Women's Health:

- National Neonatal Audit Programme
- National Maternity and Neonatal Audit
- Paediatric Intensive Care Audit (PICANet)
- National Epilepsy 12
- National Paediatric Diabetes Audit



## Acute:

- Adult Intensive Care Audit (ICNARC)
- Trauma Audit (TARN)
- Sentinel Stroke National Audit
- Asthma and COPD Audit
- Emergency Laparotomy Audit
- Early Inflammatory Disease
- National Vascular Registry

## National Joint Registry

### Joint replacements:

- Monitoring implant, hospital, surgeon performance:
- Holds 2m+ records: Hips, knees, ankles, elbows, shoulders

**Compliance:**

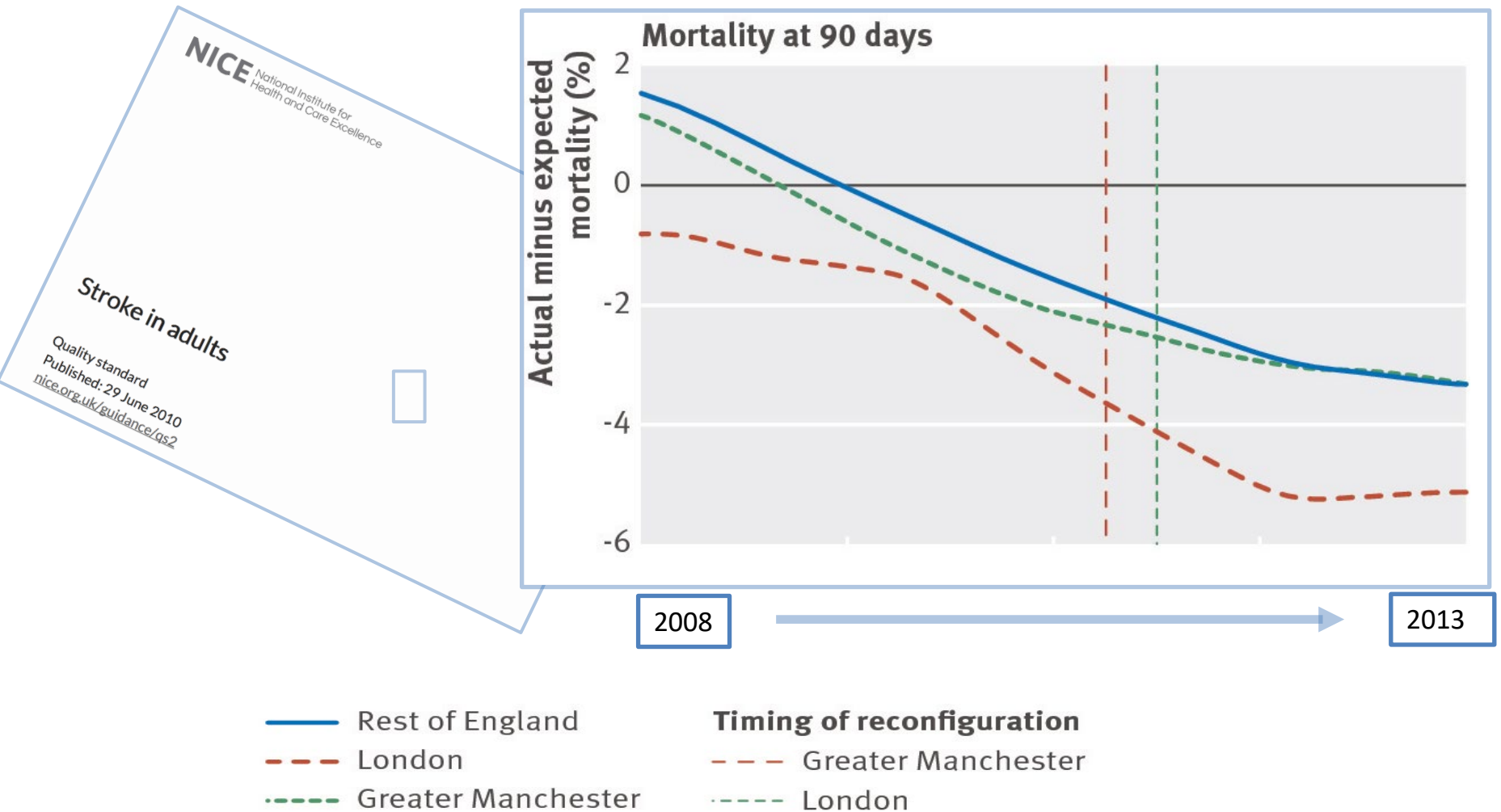
**Assurance  
and  
Improvement**

**Compliance:**

**Assurance**  
and  
**Improvement**



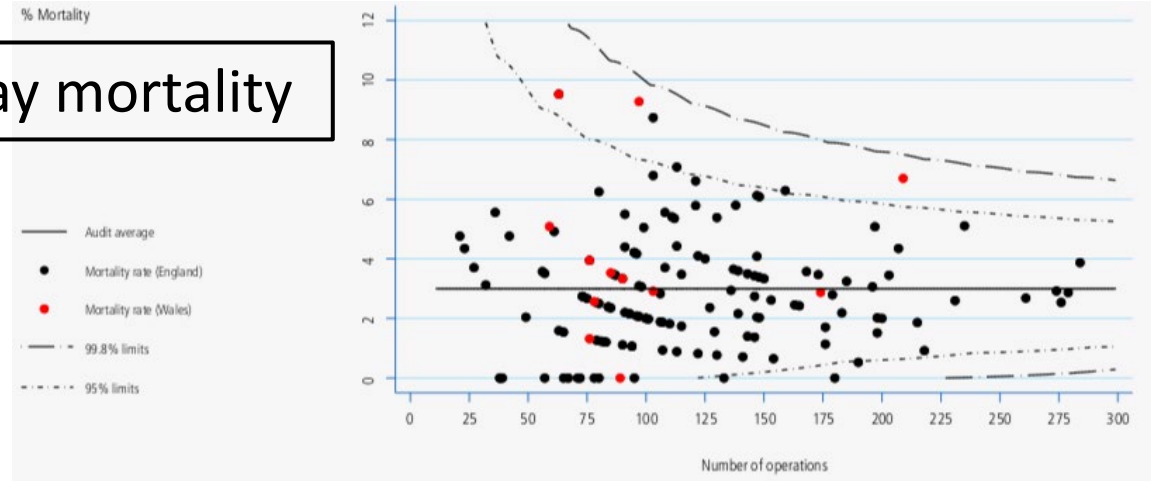
# National Clinical Audit



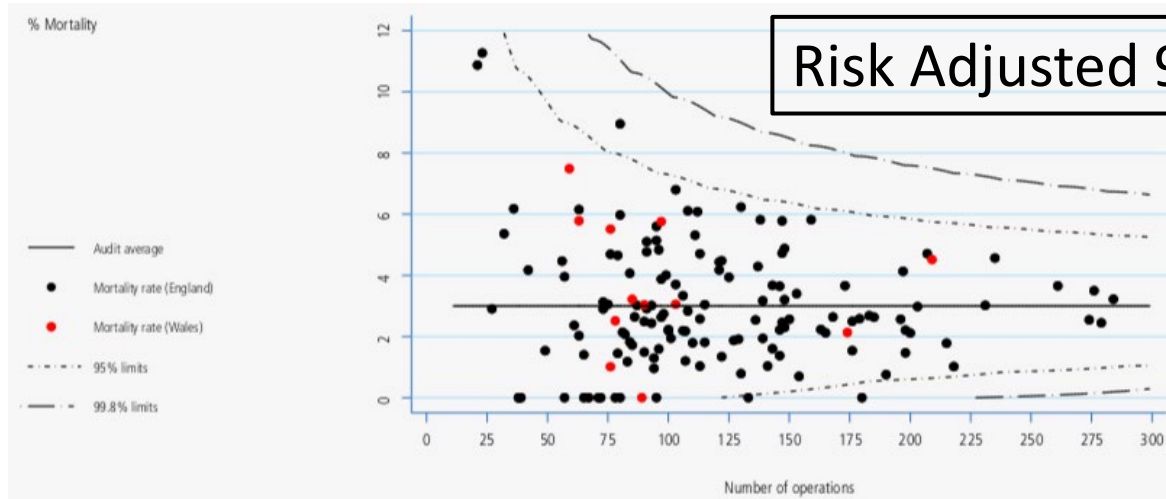
# Surgery to Resect Colonic Cancer

## National Clinical Audit

Observed 90day mortality



Risk Adjusted 90day mortality

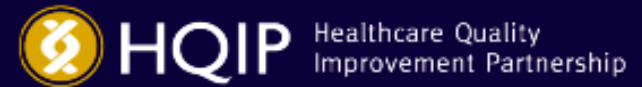






**Compliance:**

**Assurance  
and  
Improvement**

# National Clinical Audit

## Manchester Royal Infirmary Central Manchester University Hospitals NHS Foundation Trust National Audit of Dementia



	Metric	CQC Key Question	2017 Report <sup>1</sup>	National Aggregate (England)	National Standard	Comparison to other sites
20 carers	Percentage of carers rating overall care received by the person cared for in hospital as Excellent or Very Good	Caring	80.00%	68.90%	N/A	
110 staff	Percentage of staff responding "always" or "most of the time" to the question "Is your ward/ service able to respond to the needs of people with dementia as they arise?"	Responsive	78.80%	77.70%	N/A	
55 casenotes	Mental state assessment carried out upon or during admission for recent changes or fluctuation in behaviour that may indicate the presence of delirium	Effective	20.00%	44.90%	N/A	
39 casenotes	Multi-disciplinary team involvement in discussion of discharge	Effective	71.80%	81.90%	N/A	



[www.rcpsych.ac.uk/dementiareport2017](http://www.rcpsych.ac.uk/dementiareport2017)

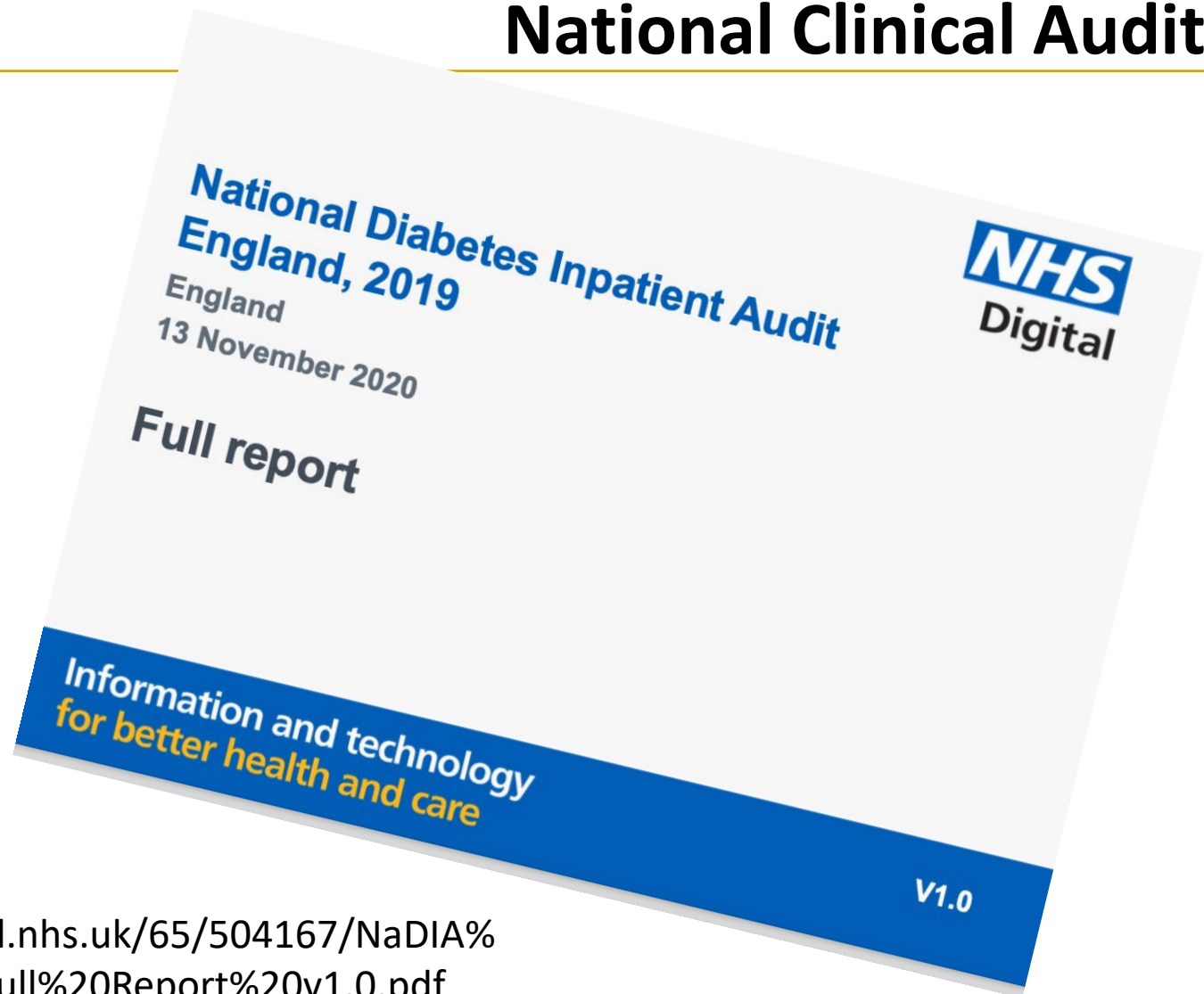
Produced by HQIP  
in partnership with the



### KEY ONLY



# National Clinical Audit



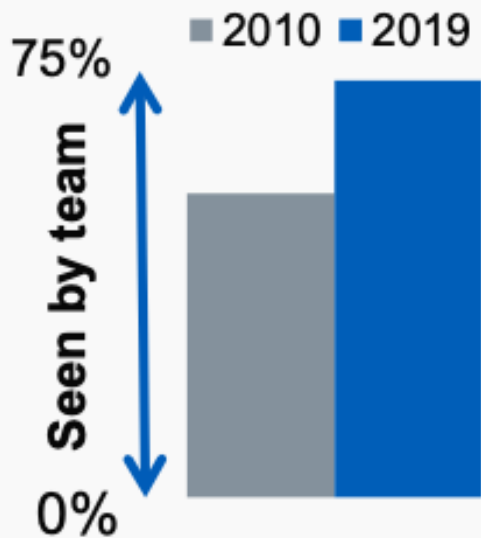
<https://files.digital.nhs.uk/65/504167/NaDIA%202019%20-%20Full%20Report%20v1.0.pdf>

# National Clinical Audit

## Inpatient Diabetes Audit

### On the day of the audit in 2019, NaDIA found high levels of:

- **Medication errors** – almost 1 in 3 of the inpatient drug charts surveyed had at least one medication error.
- **Insulin errors** – two fifths of inpatient drug charts for insulin-treated inpatients had one or more insulin error.
- Hospital-acquired **diabetic ketoacidosis (DKA)**: on the day of the audit, 3.6 per cent of inpatients with type 1 diabetes had developed in-hospital DKA at any point during their hospital stay.
- **Capillary blood glucose**<sup>1</sup> (CBG) levels not being recorded at all recommended stages of the perioperative pathway<sup>2</sup>.



# National Clinical Audit

## Reporting to Different Audiences:

- Clinicians
- The Service
- Patients/The Public
- Commissioners

All need something different

Therefore different outputs needed:

- Annual reports with annexed information
- Snapshots (NCAB)
- Plain English Reports
- Workshops
- Infographics





# National Clinical Audit

---

- The Future and Tensions (and the influence of COVID-19):
- The Burden of Data Collection
  - We must strive to move to having the relevant data collected routinely
- Obtaining real time data with real time feedback
  - How to handle assurance with such quick data



Professor Danny Keenan  
danny.keenan@hqip.org.uk

Medical Director

Healthcare Quality Improvement Partnership

Thank You

<https://www.hqip.org.uk/a-z-of-nca/#.XY9QxC2ZPMI>

<https://ncab.hqip.org.uk/>

