

Clinical Audit Manager & Data Analyst

Brian Hockley

NHSBT, Sheffield Centre, Longley Lane, S5 7JN  
[brian.hockley@nhsbt.nhs.uk](mailto:brian.hockley@nhsbt.nhs.uk)

# NHS Background

- 26 years in the NHS
- St Bartholomew's, Middlesex and University College Hospitals (London) – Senior MLSO
- Weston Park Hospital – Sheffield
- Royal College of Paediatrics (London) – National Audit
- Sheffield Health & Social Care FT
  - Split post – clinical effectiveness and research & development
  - Latterly, clinical governance
    - Care Quality Commission (CQC) registration/inspection
    - National Institute for Health and Clinical Excellence (NICE) guideline implementation

# Organisational Position

- Part of Better Blood Transfusion Team
- Line manager: Karien Coffey based at Oxford Science Park
- Started January 3<sup>rd</sup> 2012

# Remit

- To develop, facilitate and support clinical audit for each Regional Transfusion Committee
- Includes data analysis approaches
- Develop relationship with National Clinical Audit Programme (John Grant Casey)
- Ad Hoc items when requested

# Content Overview

- Each RTC currently has its own website
- Variable content
- Mix of trust based audits and regional projects under several headings
- For example, local NCA results included as RTC audits (e.g. platelet use)

# What Next?

- Review of current situation and possible developments
- Explore relationship between NCA and RTC audit activity
  - ? NCA recommendations form basis for RCT audits
  - ? New topics piloted as RTC audits and form basis for future NCA's if significant issues raised
  - Shift towards “condition” rather than process based audits
  - Look at overlap between internal audit (Marc Lyon), blood stocks management and customer facing activity
  - Support & training
  - Change

# Example

## NCA to RTC

- 2011 NCA platelet audit 6 recommendations
  - Use of platelets prior to bone marrow aspiration and biopsy
  - Prophylaxis in stable patients with long term bone marrow failure – Local RTC audit (?use JGC “quick audit” approach)
  - Aggregate data across RTC Trusts

## RTC to NCA

- RTC audit on blood use in liver disease (Simon Stanworth)

# Change !



## Use & Inappropriate Use of RBC transfusions

9 audits on RTC websites 2004 – 2009

Estimates vary:

7% - 21% “inappropriate” ↑ ↔ ↓?

Change

Explore ideas on how this could be developed

More Trust involvement

Direct help

Training specific to audit data



# Registration & Topics for Audit



## RTC Audit Topics

### DRAFT not to be completed RTC Audit Topic Selection

Please select topic areas you are interested in pursuing



This Project tool allows you to select from a list of potential RTC Audit projects. It is designed in three sections:

Regional RTC Audits: Large audits intended to be shared across a minimum of two RTC regions

Local RTC Audits: Smaller audits designed for local RTC use

Quick Audits: For use with individual Trusts

## Topics

The information will be downloaded periodically and used to generate an audit register. The register will be made available to RTC's for sharing

### 1. Please indicate your RTC

Select RTC

Select RTC

### 2. Multi Regional audit topics

|                              | East of<br>England<br>RTC | East<br>Midlands<br>RTC  | London<br>RTC            | North East<br>RTC        | North West<br>RTC        | South<br>Central<br>RTC  | South East<br>Coast<br>RTC | South West<br>RTC        | West<br>Midlands<br>RTC  | Yorkshire &<br>Humber<br>RTC |
|------------------------------|---------------------------|--------------------------|--------------------------|--------------------------|--------------------------|--------------------------|----------------------------|--------------------------|--------------------------|------------------------------|
| Appropriate Use of Platelets | <input type="checkbox"/>  | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/>   | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/>     |
| Massive Haemorrhage          | <input type="checkbox"/>  | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/>   | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/>     |
| Use of O Rh Negative Blood   | <input type="checkbox"/>  | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/>   | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/>     |