Insight Session: Scan4Safety

Stuart MacMillan
Scan4Safety Lead (Interim)
West Yorkshire Association of Acute Trusts (WYAAT)
“The purpose of the association is for the hospitals to work together on behalf of patients to deliver the best possible experience of care and support.”

https://wyaat.wyhpartnership.co.uk/

@WYAAT_Hospitals

@WYAATS4S
• The West Yorkshire Vascular Service
• Elective surgery (orthopaedics)
• Our stroke units
• Pharmacy, Medicines and Patients
• Imaging collaborative
• Pathology

• Scan4Safety
• Procurement
• Information Management & Technology
• Estates and facilities
• Workforce
• West Yorkshire and Harrogate clinical strategy
What is Scan4Safety?

“The clinically led digital innovation of a Trust through the implementation of standards & improved Point of Care capture”

- Patient
- Product
- Place
- Asset
- Staff
- Procedure
- Process
A Standardised Journey

- **Patient / Staff**
  - GSRN

- **Product**
  - GTIN

- **Place**
  - GLN

- **Asset**
  - GIAI / GRAI

- **Procedure**
  - GTIN

**Process**

**Trusts:**
- Airedale
- Bradford Teaching
- Calderdale & Huddersfield
- Harrogate
- Leeds Teaching
- Mid Yorkshire

**Other:**
- Scan4Safety
Where are we now?

• **Engagement**
  – All Trusts now have Scan4Safety boards in place
  – High level programme deliverables agreed
  – Agreed a date of 19th June for the Academic Health Science Network to put on a Scan4Safety day on behalf of WYAAT
  – Approved appointment of Project Managers in each Trust

• **Work has begun on the core enablers**
  – PATIENT - Trusts are reviewing their current processes
  – PLACE - All Trusts are mapping their locations to support the GLN roll out
  – PRODUCT - Agreed approach for region wide supply chain solution
Primary Deployment

Inventory Management

Product Recall
The Future
Never Events

UK Provisional Data - 01 April 2017 to 31 March 2018: **469 incidents** recorded as Never Events

What could Scan4Safety help to mitigate?

<table>
<thead>
<tr>
<th>Type of never event</th>
<th>Count</th>
</tr>
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<tbody>
<tr>
<td>Wrong implant / prosthesis</td>
<td>65</td>
</tr>
<tr>
<td>Retained foreign object post procedure</td>
<td>18</td>
</tr>
<tr>
<td>Wrong site surgery</td>
<td>18</td>
</tr>
<tr>
<td>Patient connected to air flowmeter rather than oxygen</td>
<td>14</td>
</tr>
<tr>
<td><strong>Total</strong></td>
<td><strong>115</strong></td>
</tr>
</tbody>
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Source: [https://improvement.nhs.uk/resources/never-events-data/](https://improvement.nhs.uk/resources/never-events-data/)
# Envisaged Benefits

<table>
<thead>
<tr>
<th>Financial</th>
<th>Soft</th>
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<tbody>
<tr>
<td>Releasing clinical time: over 140,000 hours</td>
<td>Patient Satisfaction</td>
</tr>
<tr>
<td>Reduced litigation costs: potential £Ms</td>
<td>Patient Safety</td>
</tr>
<tr>
<td>Removed manual processes: £2M recurring</td>
<td>Workforce Satisfaction</td>
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<tr>
<td>One time inventory reductions: circa £9M</td>
<td>Reputation</td>
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<tr>
<td>Recurring inventory savings: circa £5M</td>
<td>Learning Hub</td>
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<tr>
<td></td>
<td>Reduced Clinical Risk</td>
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<tr>
<td></td>
<td>Improved Theatre Utilisation</td>
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<tr>
<td></td>
<td>Patient Level Costing</td>
</tr>
<tr>
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<td>Workforce Productivity</td>
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Tech Transformation is Coming

“I want to see this [Scan4Safety] taken up by the entire acute sector.

As the review [Topol] says, we can have the most advanced tech, but we won’t see the benefits unless we have real inter-operability. So staff have to make scanning a routine part of their working day.”

Matt Hancock
Secretary of State for Health and Social Care