Scan4Safety: supporting the trust’s vision

Alan Foster, CEO
North Tees and Hartlepool NHS Foundation Trust
Why the Trust is Adopting the Standards?

Patient Safety at the Centre of our Trust Vision. Scan4Safety Supports this Vision.

- **our patients**
- **our vision**
  to be the best healthcare provider in the region
- **our mission**
  to be the healthcare provider of choice
- **our values**
  responsive • compassionate • listening • respectful • team working • professional • caring • courteous
- **our direction**
  putting patients first • integrated care pathways • service transformation • manage our relationships • maintain compliance and performance • health and wellbeing
- **our foundations**
  excellent patient care • training and education • efficient services • clinical governance • employer of choice • sound finances
Our Starting Point

The PIP Breast implant scandal – a huge patient safety issue

The Metal on Metal Scandal cost the Trust £23k in a dedicated resource response team

- Focus is on the “Right Product, Right Patient, Right Place”
Transformation Within Our Trust – Coding

- **Patient:** All Patients Allocated a **GSRN** Wristband

- **Product:** Ability to store **GTIN** Information in Catalogue and Inventory Management System

- **Place:** All Locations Allocated a **GLN**
Transformation Within Our Trust – Clinical Change

“This project will ensure that we do the right things, for the right patient, at the right time.”

Deepak Dwarakanath – Director of Medicine

- Improved Patient Safety
- Paperless Hospital
- Ward and Theatre trials currently underway for Point of Care scanning
- 126 clinical champions across the Trust
- Full clinical buy in of Scan4Safety activities
Transformation Within Our Trust – Our Suppliers

• Our suppliers are also responding to the changes

• The Trust held Supplier Day events in July and September 2016:
  • 200 suppliers in attendance at each event
  • Exhibitors for key suppliers
  • Department of Health in attendance
  • Excellent feedback

• Supplier compliance is increasing all the time
Transformation Within the Region

• North Tees has been working with Trusts in the region to support the adoption of standards

• A North East Adoption Group has been created to share learnings and promote collaborative working across the region

• The North East Ambulance Service has also been involved to understand the benefits of Scan4Safety beyond the acute hospital setting
### Scan4Safety Patient Journey

<table>
<thead>
<tr>
<th>Patient arrives at hospital</th>
<th>Patient given a GS1 barcoded wristband upon admission</th>
<th>Patient is given medication</th>
<th>The medication taken by the patient have a GS1 barcode on the packaging</th>
<th>Patient goes to theatre and has a hip replacement. All products used contain a GS1 barcode</th>
</tr>
</thead>
<tbody>
<tr>
<td><img src="image" alt="hospital" /></td>
<td><img src="image" alt="wristband" /></td>
<td><img src="image" alt="pill" /></td>
<td><img src="image" alt="medication" /></td>
<td><img src="image" alt="hip replacement" /></td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>Patient returns home</th>
<th>Patient reads about a national product recall</th>
<th>Patient is worried that they may be effected &amp; phones the hospital</th>
<th>Hospital staff are easily able to look up the patient &amp; analyse all products used</th>
<th>Staff are able to confirm to the patient that they are unaffected the same day</th>
</tr>
</thead>
<tbody>
<tr>
<td><img src="image" alt="home" /></td>
<td><img src="image" alt="metal-on-metal" /></td>
<td><img src="image" alt="phone call" /></td>
<td><img src="image" alt="hospital staff" /></td>
<td><img src="image" alt="staff" /></td>
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<tr>
<td>The Anticipated Benefits by October 2017</td>
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<td>-----------------------------------------</td>
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<td>Faster product recall response times</td>
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<td>Reduced number of adverse drug effects</td>
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<td>Lower NHS LA contribution</td>
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<tr>
<td>Automated stock ordering</td>
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<tr>
<td>Increased Time to Care</td>
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<tr>
<td>£168k Saving + Time to Care</td>
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<tr>
<td>£74k Saving</td>
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<tr>
<td>Increased Time to Care</td>
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<tr>
<td>Reduced stock wastage</td>
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<td>Reduced obsolescence</td>
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<tr>
<td>Reduced stock levels</td>
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<tr>
<td>Machine-to-machine POs and invoices</td>
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<tr>
<td>£734k Saving</td>
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<td>£1.5m Saving</td>
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<tr>
<td>£94k Saving</td>
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</table>
### Clinical Time Released to Care

#### Pre GS1 implementation

| A nurse is attending to patients on a ward | A patient requires urgent attention | The nurse looks in stores to locate specialist tubing | The nurse requires help to locate the product | 15 minutes later – the product is found |

#### Post GS1 Implementation

| A nurse is attending to patients on a ward | A patient requires urgent attention | The nurse looks up the location of specialist tubing | The nurse locates the product immediately | The product is administered to the patient |
The Real Benefits So Far

So far…

• **689** nurse hours have been released back to patient care from time spend ordering and managing stock

• **£226k** has been delivered from better stock management practices and inventory reduction

• **£94k** has been delivered from reduction in stock wastage

• A lot more to come in Phase 3 and Phase 4 as Point of Care scanning kicks off!!
Scan4Safety Enabling NHS Wide Transformation

- Enabling transformation across the STP footprint - Collaboration
- Shared systems, processes and standards - IT Strategy
- A common set of standards facilitates the ability to join up people, processes and technology across **acute** and **community** care settings

Durham, Darlington, Teeside, Hambleton, Richmondshire & Whitby STP – a huge mix of acute, community and social care needs
Further transformation levers and current agenda items all could be supported by Scan4Safety

Personalised Health and Care 2020
Using Data and Technology to Transform Outcomes for Patients and Citizens
A Framework for Action

Operational productivity and performance in English NHS acute hospitals: Unwarranted variations
An independent report for the Department of Health by Lord Carter of Coles