



Healthcare Conference **2022**

17 - 18 March 2022 | QEII Centre, London

Patient safety

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A nurse's perspective

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Scan4Safety in a Clinical Setting - A Nurse's Perspective

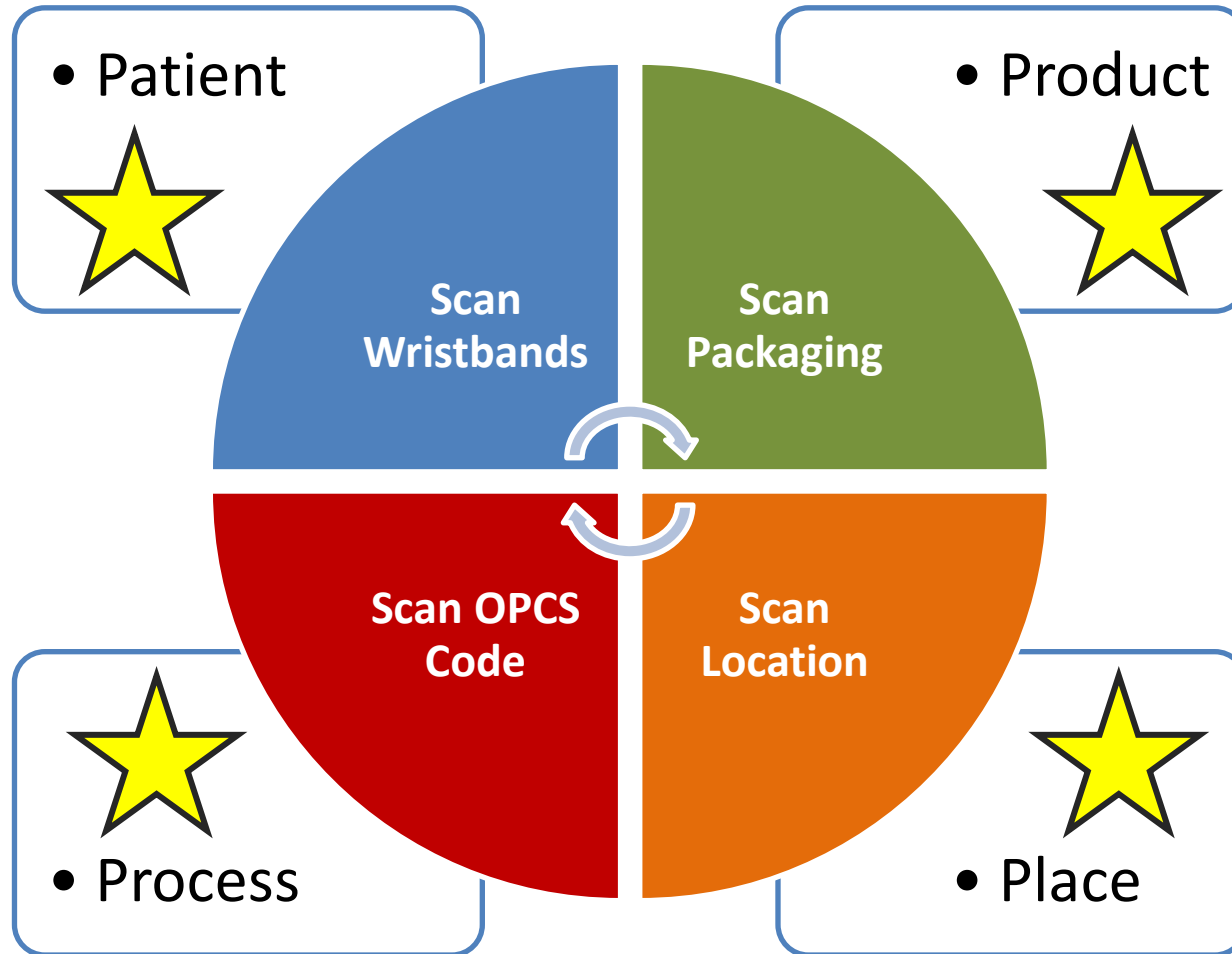
Presented by Heather Jaques

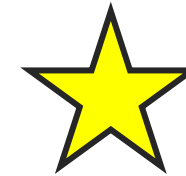
17-03-2022

MY BACKGROUND

- 42 Years in Nursing.
- 36 Years in Theatres.
- 22 Years as a Theatre Sister.
- 2.5 Years as the S4S Specialist Nurse.

Scan4Safety... The 4 P's



 = Using standards already utilised at the Trust.

To illustrate the benefits of the Scan4Safety Programme I have 4 different scenarios:-

- Scenario 1 - Contact Tracing
- Scenario 2 - Product Recall
- Scenario 3 - Inventory Management
- Scenario 4 - Sterile Services; a RFID solution

Pre Scan4Safety - Reliance on:-

- Paper based methods of recording information
- Searching through; Registers, Log books, etc.
- Some use of early computer systems
- Telephone Calls
- Physical Searches

Post Scan4Safety - Digital solutions that provide the information you are looking for instantly.

- Patient data
- Which staff and which patients affected
- Products used on which patients
- Stock levels
- Sterile Tray location

Scenario 1 - Contact Tracing

A patient we operated on last week has tested positive for TB. All the staff (Medical & Nursing) involved in his care need to be traced as quickly as possible so that appropriate action, in accordance with hospital policy, can be taken.

Pre Scan4Safety

1. Look on the Theatre Management System.
2. Look at details written in the Theatre Register.
3. See if the patient is still on the ward.
4. If the patient has been moved request notes.
5. Find nursing notes, collate information, and report back to Infection Control.

Post Scan4Safety

1. Log onto 'Genesis Platform'
2. 'Search' the patients hospital number.
3. Look for the date.
4. Identify the staff involved.
5. Report back to infection control.

Scenario 2 - Product Recall

The hospital receives a MHRA alert regarding a product recall for some heart valves.

Pre Scan4Safety

1. Look at the serial numbers on the MHRA letter to see what valves are involved.
2. Go into the prosthesis cupboard and look through all the valves to find any that are on the shelf.
3. Find all Prosthesis Record Books and laboriously trawl through all entries to find the recalled valves.

Post Scan4Safety

1. Log onto 'Genesis Platform'.
2. Enter recalled product details into Genesis to identify how many are held in stock.
3. Remove the effected valves.
4. Enter valve details into 'Genesis' (Point of Care) and filter to find patients who have had the recalled valve implanted.

Scenario 2 Example: Product Recall – in less than 3 hours

Recent product recall within Cath Labs

- 62 products affected
- 91 serial numbers

**Estimated to have saved 62 hours
of nursing time**

Using the track and traceability, Within 3 hours...

- Identified 23 patients which used the products
- Wrote to every consultant with affected patient(s)
- Identified all stock
- Quarantined all stock
- Set warning flags against the recalled items



Scenario 3 - Inventory Management

A patient's operation is at risk of being delayed or cancelled due to stock control problems.

Pre Scan4Safety

Prior to 'Scan4Safety' re-ordering and controlling stock took place using manual paper-based systems.

Post Scan4Safety

Since the introduction of Scan4Safety stock control is fully automated with consumables being re-ordered to maintain pre-determined stock levels. New stock is scanned into the system and is scanned again at the point of use. To check current stock available:-

1. Log onto 'Genesis Platform'.
2. Go to the inventory section and type in the prosthesis details.
3. Look at stock levels available.

Scenario 4 - Sterile Services; an RFID solution

Awaiting a loan tray from 'Sterile Services'. It doesn't arrive.
Where is it? Without it a case could be delayed or cancelled!

Pre Scan4Safety

1. Ring 'Sterile Services' - Do they know where the tray is?
2. Ring all the other Theatre Departments to find out if it has been delivered there in error.
3. If located arrange for immediate transfer.

Post Scan4Safety RFID project

1. Log onto 'Tagnos' System.
2. 'Search' the Tray in question.
3. Find last known place seen.
4. Contact the location identified.
5. Arrange transport.
6. Prepare patient for surgery.



