



# **Scan4Safety in Leeds**

## **– the clinical impact**

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Leeds Teaching Hospitals





## Clinical Service Units

**Abdominal  
Medicine and  
Surgery** >

**Adult Critical Care** >

**Adult Therapies** >

**Cardio-Respiratory** >

**Chapel Allerton CSU** >

**Leeds Children's  
Hospital** >

**Estates and  
Facilities** >

**Head & Neck** >

**Leeds Dental  
Institute** >

**Medicines  
Management &  
Pharmacy Services** >

**Neurosciences** >

**Oncology** >

**Outpatients** >

**Pathology** >

**Radiology** >

**Specialty &  
Integrated Medicine  
(SIM)** >

**Theatres &  
Anaesthesia** >

**Trauma Related  
Services** >

**Women's Services** >

**Urgent Care** >



# What is Scan4Safety?

*“The clinically led digital innovation of a Trust through the implementation of standards”*



Patient



Product



Place



Process



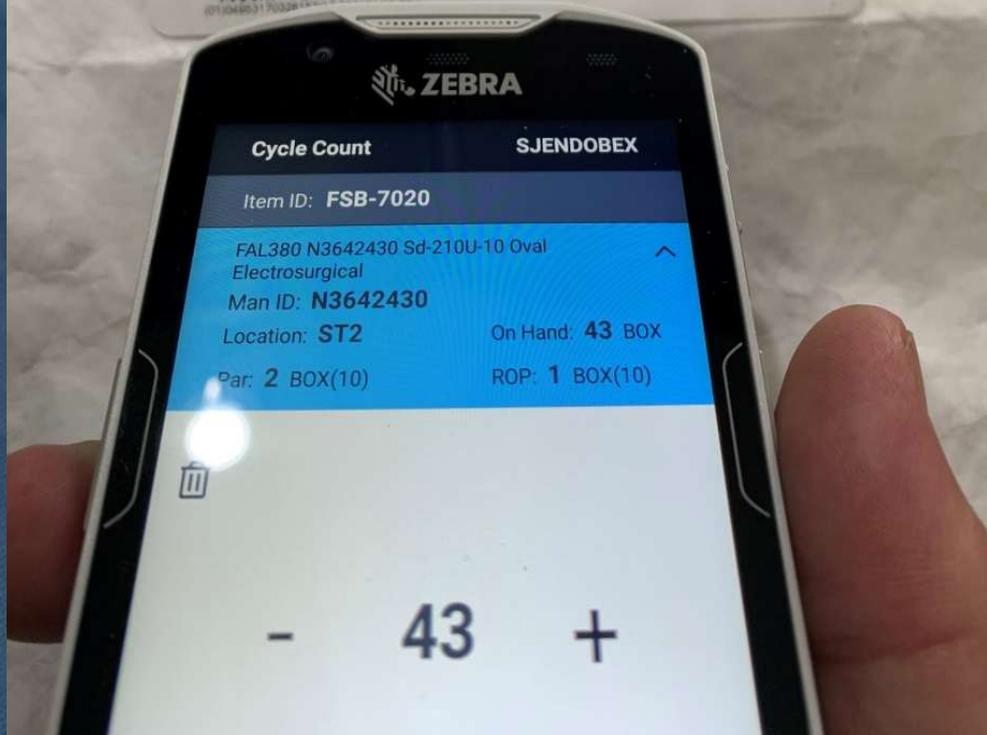
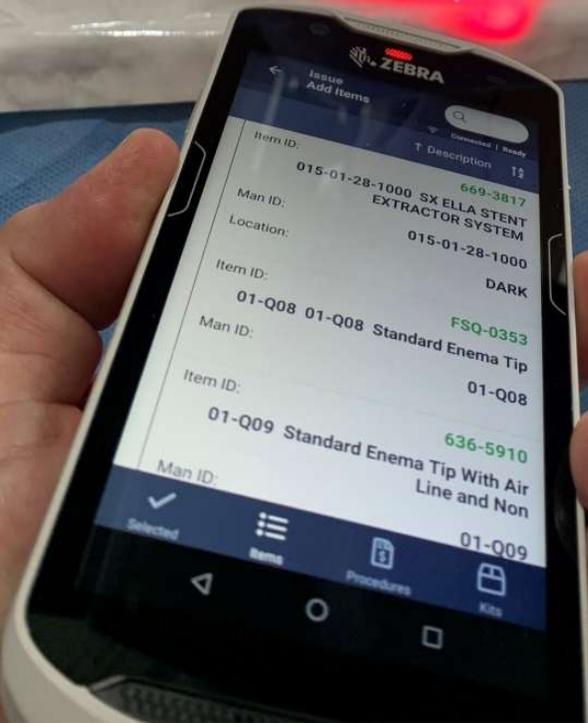
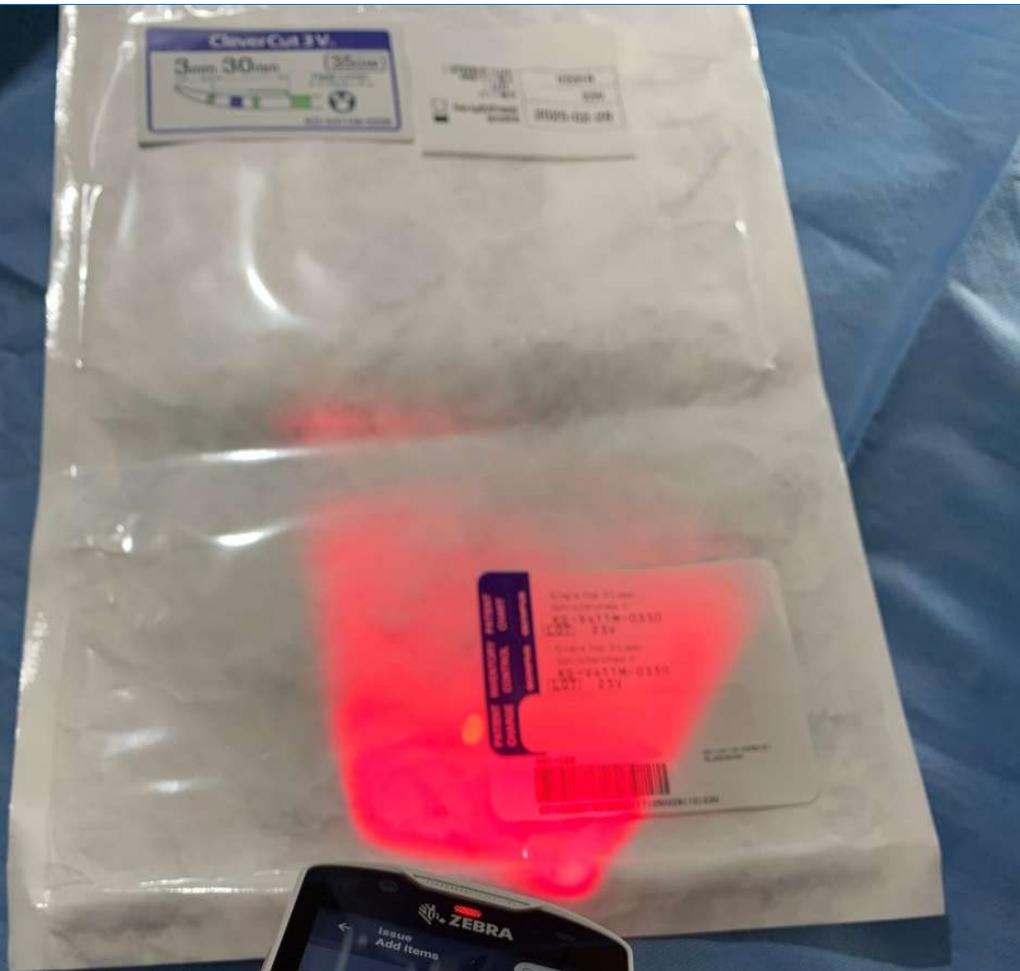
Our Vision is to be able to identify the following items through globally recognised standards

- Our patients
- The products
- The place
- Our involved staff
- The procedure (OPCS)
- The surgical trays & instruments

Uses standards to improve patient outcomes and bring about operational efficiencies.



Work Stream	Outcome
<b>Point of Care scanning</b>	A comprehensive inventory management system that integrates PoC data feeds into clinical systems
<b>Live Bed State</b>	Delivering real time intelligence about bed capacity, utilisation and supports forecasting
<b>Real Time Location Tracking</b>	Identifying the location of samples, assets and people



# Product Recall



194 books

800 records per book

Over **155,000** potential records

## Recall 1



**10:15** - MHRA Notification  
Confirmed in Trust

**10:28** – Confirmed we have  
the product in the Trust and  
that there will be no use of  
these products in the coming  
days

**11:42** – Confirmation to  
Medical Director -Operations  
that all respective products  
have been removed from the  
clinical area and are under the  
control of the appropriate  
Inventory Manager.

## Recall 2



Company informed us of a  
potential reaction to a lens.  
Consultant requested that we  
identify patients that had had  
these lenses.

In previous recalls this would  
have taken at least 6 days of a  
Band 7 time. This work would  
have had to be spread over a  
[number of weeks](#).

Identified and reported  
demographics and NHS Number  
of **over 500** patients **in less  
than 40 minutes**.

Within six weeks all 500 patients  
were reviewed and proved clear  
of adverse outcome.

# Patient placement



Bed	J27	J28	J19	J21
1	1234	5678	91011	1213
2	1456	7890	11213	1415
3	1678	9012	131415	1617
4	1890	11213	141516	1819
5	2012	131415	161718	2021
6	2234	151617	181920	2223
7	2456	171819	202122	2425
8	2678	192021	222324	2627
9	2890	212223	242526	2829
10	3012	232425	262728	3031
11	3234	252627	282930	3233
12	3456	272829	303132	3435
13	3678	293031	323334	3637
14	3890	313233	343536	3839
15	4012	333435	363738	4041
16	4234	353637	383940	4243
17	4456	373839	404142	4445
18	4678	394041	424344	4647
19	4890	414243	444546	4849
20	5012	434445	464748	5051
21	5234	454647	484950	5253
22	5456	474849	505152	5455
23	5678	495051	525354	5657
24	5890	515253	545556	5859
25	6012	535455	565758	6061
26	6234	555657	585960	6263
27	6456	575859	606162	6465
28	6678	596061	626364	6667
29	6890	616263	646566	6869
30	7012	636465	666768	7071
31	7234	656667	686970	7273



	J27	J28	J19	J21	J20	J22
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**NHS The Leeds Teaching Hospitals NHS Trust** | **Bed Flow Summary** | **Bed Requests** | **Ward Viewer** | **Patient Viewer** | **A&E Detail** | **Clear All Filters** | SiteName: All | Clinical Service Unit: All

Ward Category: Overnight bed capacity | Bed Type: Multiple selections

4 Open Bed Requests | 92% Reportable Occupancy | 132 Available Beds | 40 Unavailable Beds

**Emergency Department**

Current Attenders = 115

Awaiting Beds = 4

A&E Detail

**Bed Availability**

Assessment Unit Beds Available: 0	Specialty Ward Beds Available: 110	Critical Care Beds Available: 0	Elective Ward Beds Available: 22
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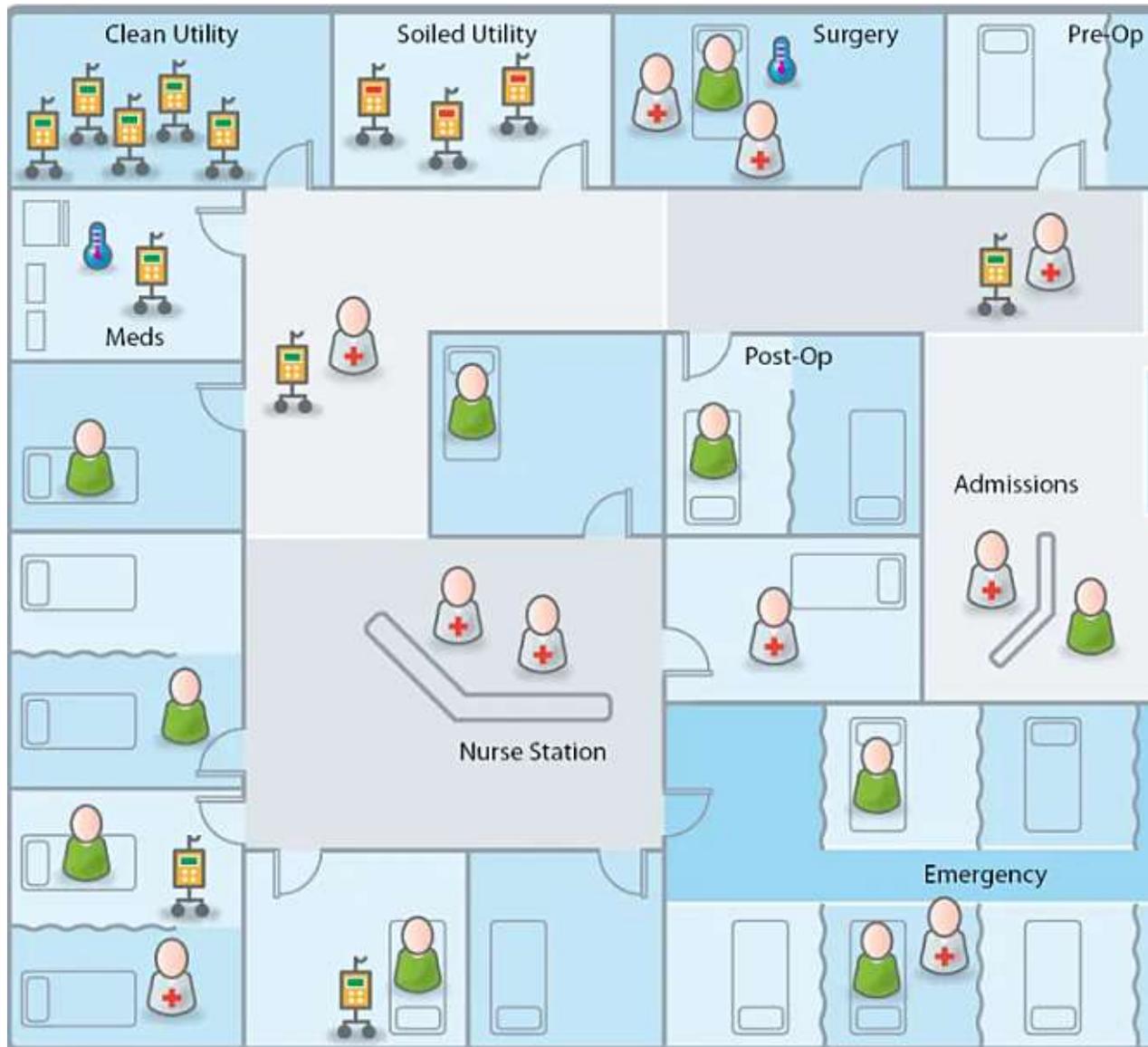
Inpatients with no Reason to Reside = 334

Bed Requests | Ward View

**Delayed Discharge**

- EDAN = 9
- Medicines = 1
- Awaiting Transport = 0
- Repatriation = 13

Patient View



# LTHT Scan4Safety

- Point of Care Scanning
- Live Bed State
- Real Time Location Tracking
- Medicines.....