NHS
The Leeds Teaching Hospitals
NHS Trust

SCAN4SAFETY

Scan4Safety in Leeds – the clinical impact

Mr. Stephen Bush
Chief Clinical Information Officer
Regional Clinical Advisor UEC NHS England
Leeds Teaching Hospitals

MAURICE ELLIS FRCS
Born in Leeds, this innovative clinician and
passionate teacher was a pioneer of Emergency
Medicine. He became the first Consultant in
Casualty in the United Kingdom at Leeds
General Infirmary in 1952, and was

LEEDS GENERAL INFIRMARY
LEEDS CHILDREN'S HOSPITAL

P
St. James's
Hospital
A & E
Ambulances

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 Leeds Teaching Hospitals NHS Trust

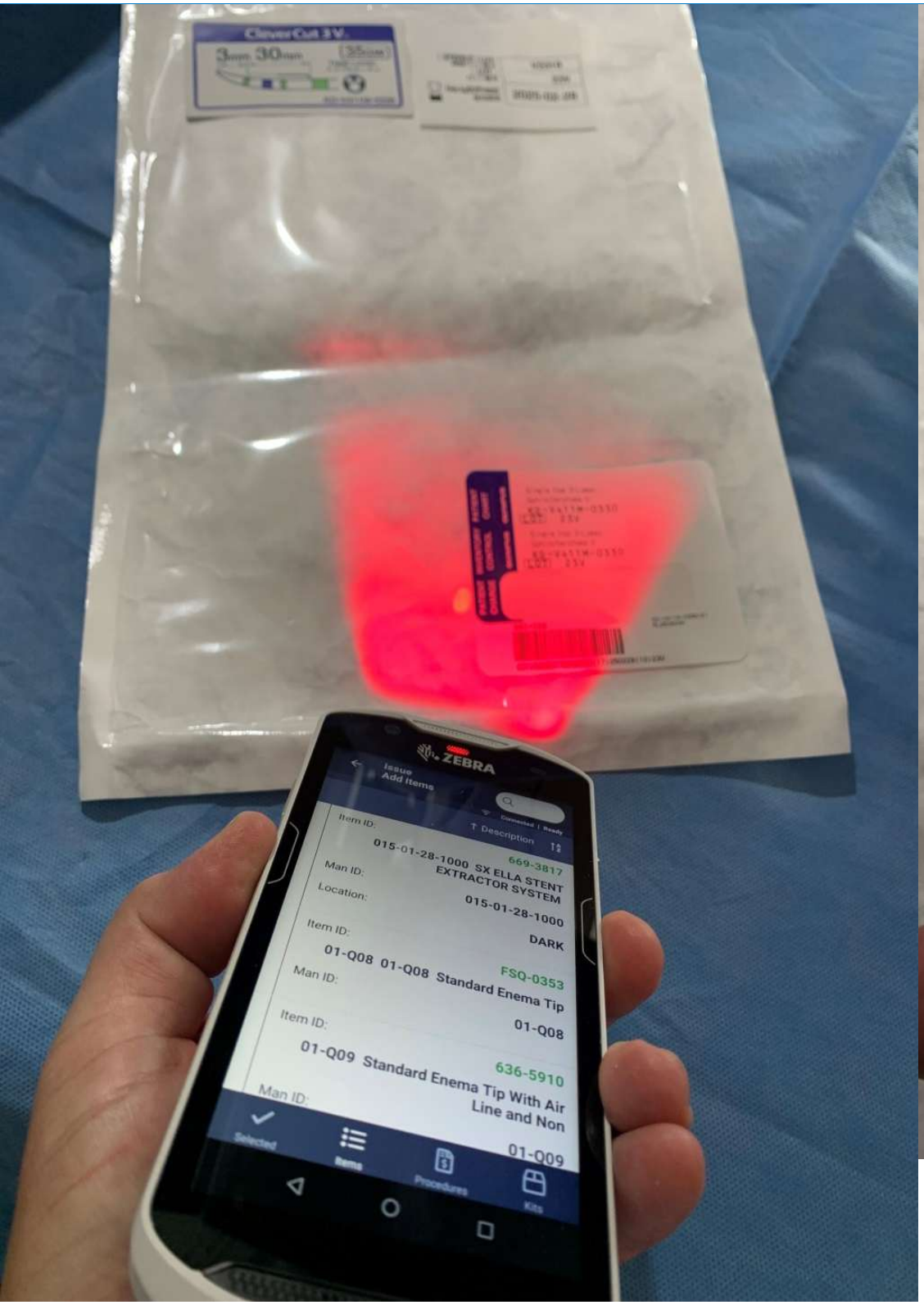
"The clinically led digital innovation of a Trust through the implementation of standards"

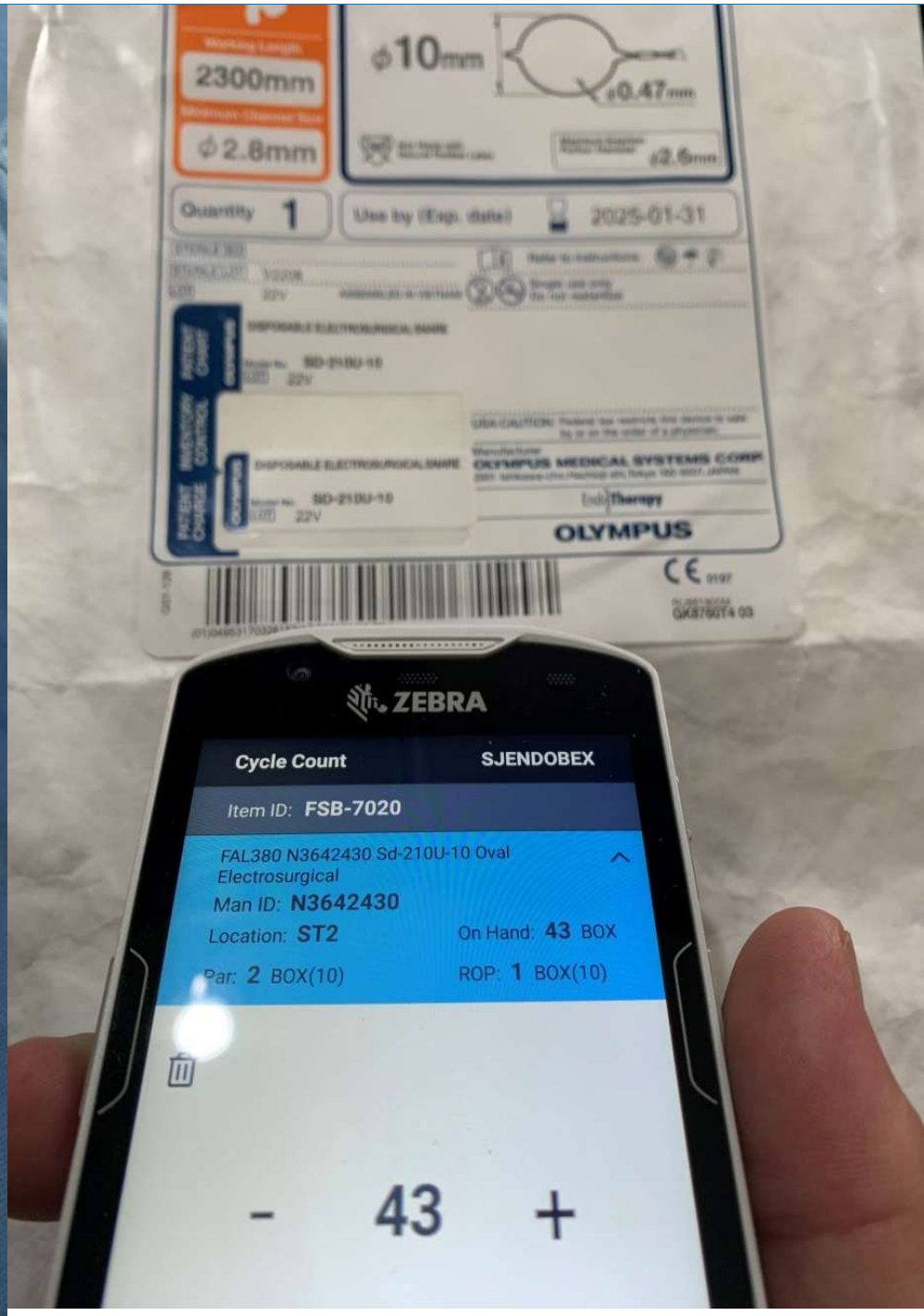
Our Vision is to be able to identify the following items through globally recognised standards

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





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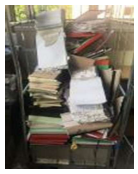
Product Recall



194 books
800 records per book
Over **155,000** potential records

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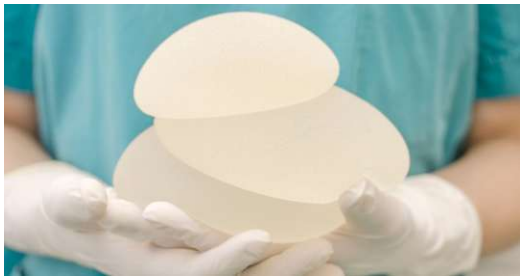
Recall 1



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.

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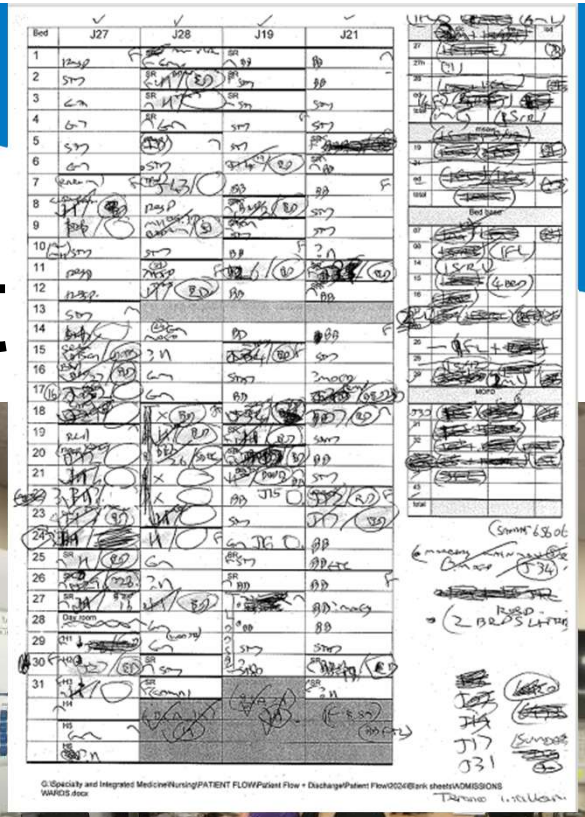
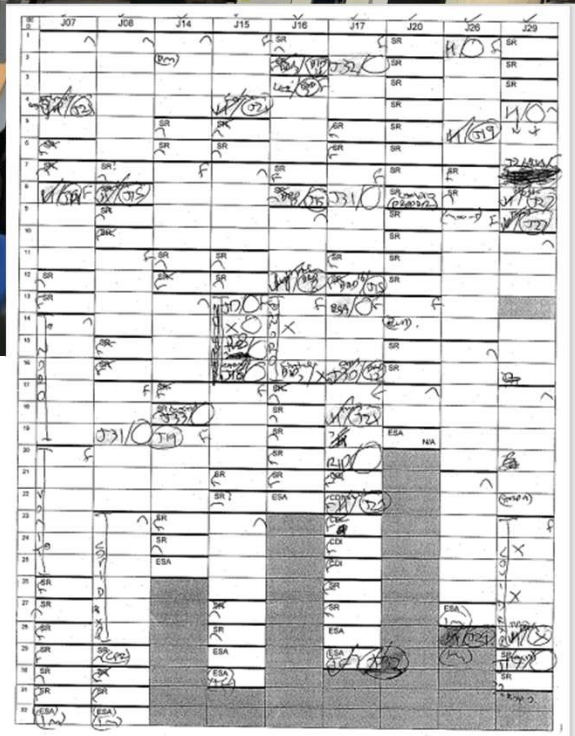
Patient placement





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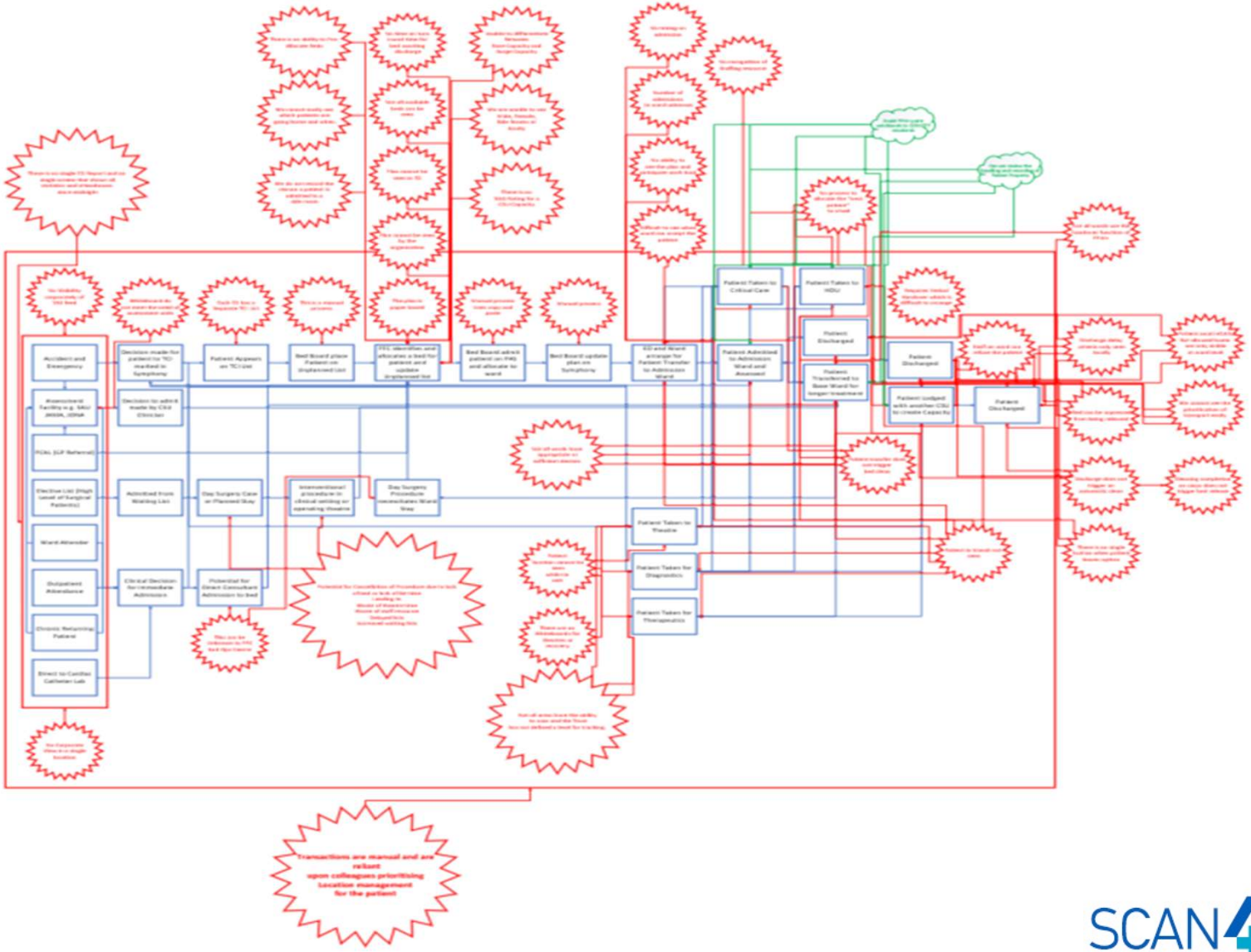
Value Stream as understood at 15/10/2021



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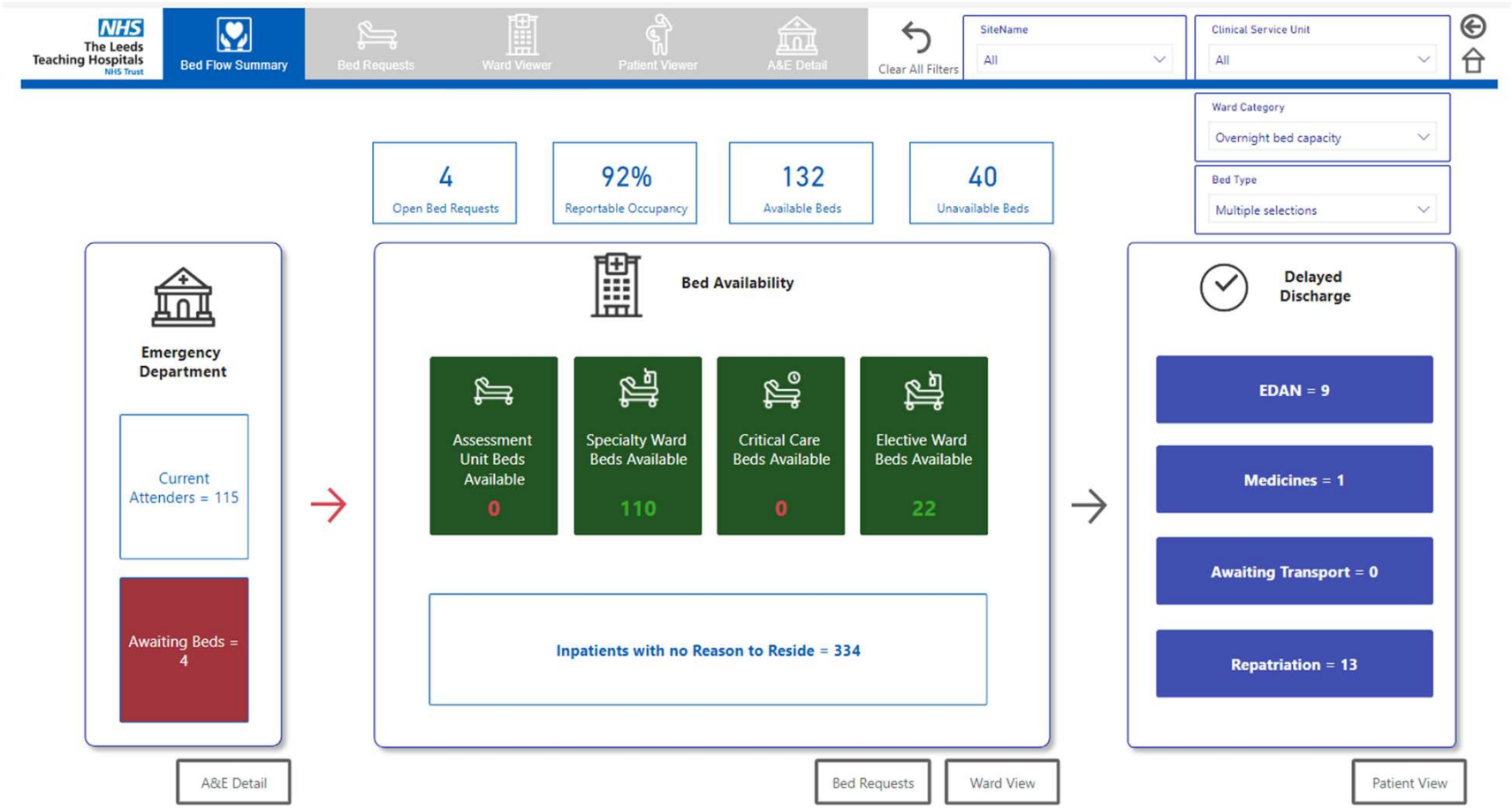

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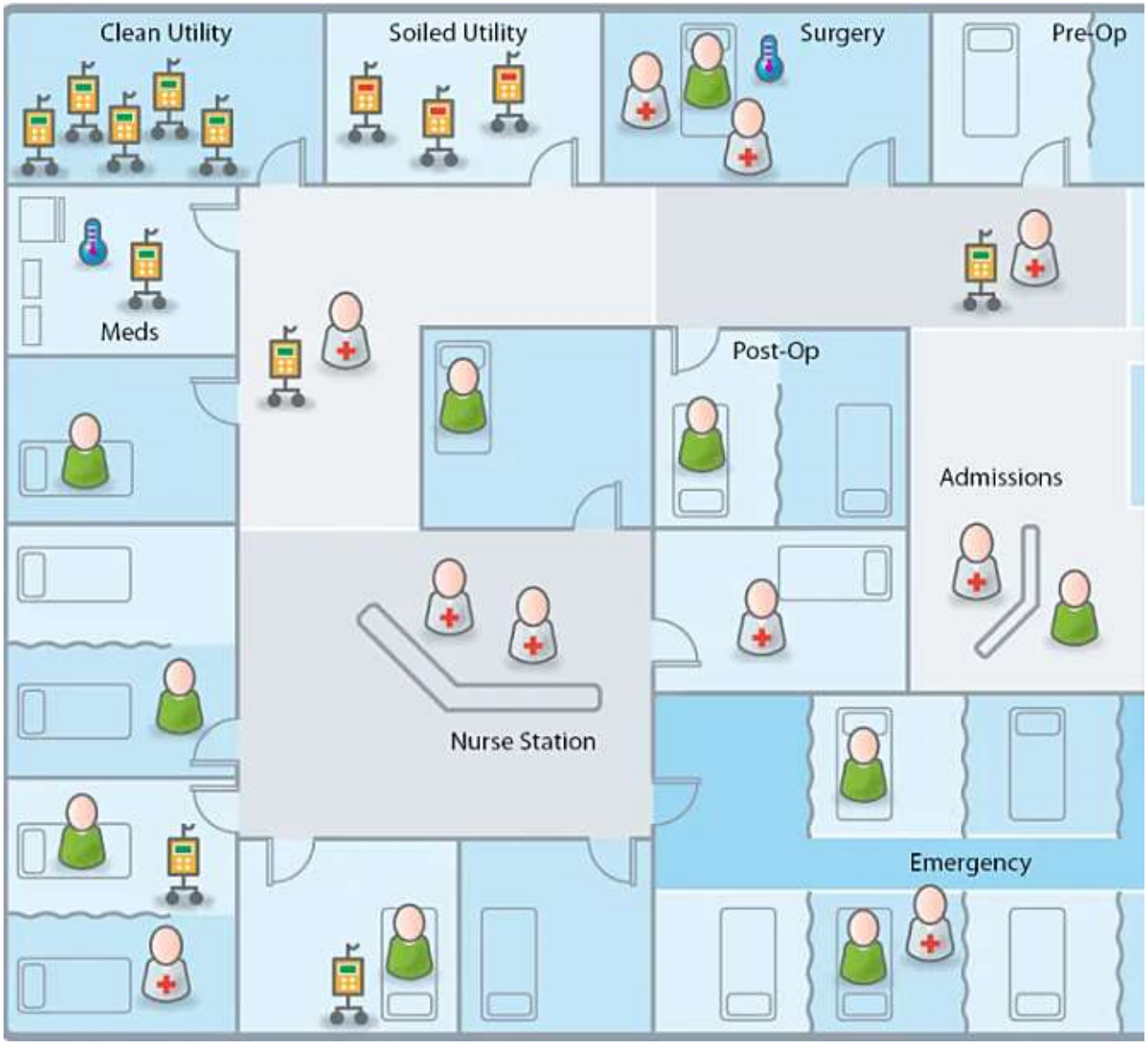
Clean Utility
Soiled Utility
Surgery
Pre-Op
Meds
Post-Op
Admissions
Nurse Station
Emergency

RFID

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LTHT Scan4Safety

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