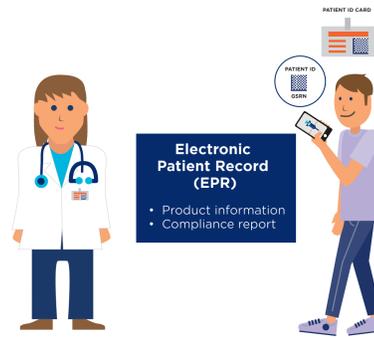


# A hospital wide approach to adopting GS1 Standards

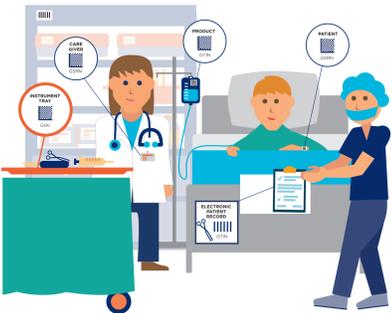
St. James's Hospital innovates with the establishment of the Scan for Surgery Programme and introduces the automatic tracking of precious tissue samples using RFID, to deliver improved patient safety and efficiency.

## Traceability Projects at SJH

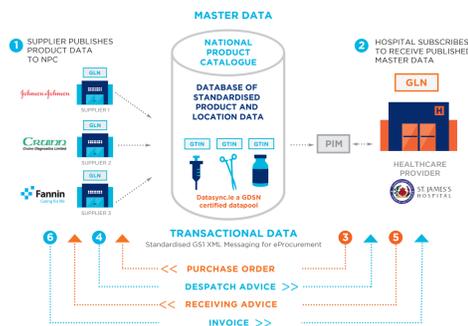
### Haemophilia Track & Trace



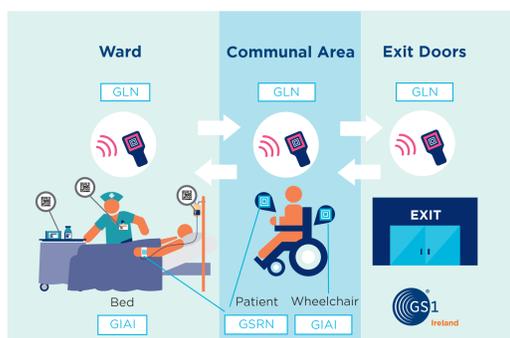
### Instrument Track & Trace



### eProcurement



### Automatic Tracking (RFID)



## Scan for Surgery

### Key Benefits

The hospital specifically looked at barcode scanning in the theatre, introducing technology to scan products and patients, which would enable:

#### Operational Efficiency

- Automation of product supply chain processes for nursing
- Make additional time available for patient centric activities
- Managed minimum inventory levels

#### Patient Safety

- Product traceability to individual patients
- Product expiry identification

#### Patient Level Cost Analytics

- Increased visibility of real-time patient and procedure level costs
- Improved data analytics for decision making

### The Process

- Prepare business case
- Establish steering group and working group
- Getting started - data alignment (Find the GTINs), System readiness, Supplier readiness
- Implementation of the solution
- Scanning and clinical workflow
- Business intelligence and data analytics

**We need Suppliers to print GS1 compliant barcodes on the each/unit of use also!**

Industry standard for uniquely identifying healthcare items at all pack levels

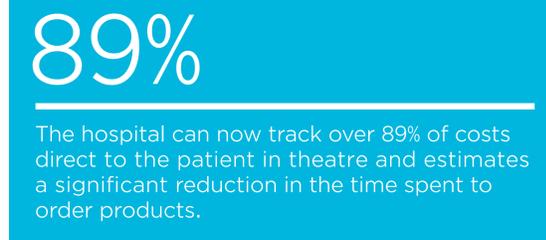
Individual Package	Multiple Unit Package	Outer Case
GTIN A	GTIN B	GTIN C
5391234560008	5391234560015	5391234560022

### Key Success Factors

- C-Suite Buy-in
- Steering group (Clinical and non-clinical)
- IT system GS1 compliant
- 80% of products GS1 barcoded
- Procedure packs with barcodes
- Start small
- Teamwork
- Communication

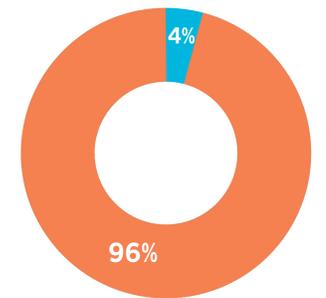
### Next Steps

- Communicate internally and externally
- Roll out Scan for Surgery to remaining theatres
- Include GTIN in all Tender documents
- Standardise ID for Staff, Patients, Locations
- Assess scanning in other areas of the hospital
- Knowledge sharing with other hospitals
- Support national guidance to adopt GS1 standards



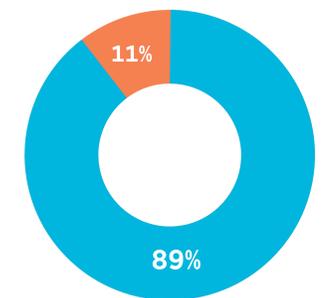
## Results

### Patient Information 2015



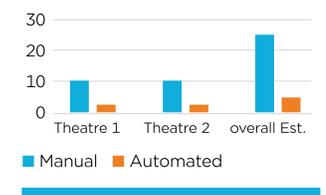
■ Patient Level Information (4%)  
■ No Patient Information (96%)

### Patient Information 2017 Scan for Surgery



■ Patient Level Information (89%)  
■ No Patient Information (11%)

### Time taken to order (hours)



**“** Scan for Surgery is the most exciting hospital project to date; it is transformational in nature. The opportunity to have visibility of what is happening at the point-of-care means we can make better decisions, which ultimately benefits patients.”

Simon Moores Director of Finance at St. James's Hospital

**“** Until now we had very little visibility on patients costs behind the red line in theatre, in most cases, there was no electronic record of what products were used on which patients. That has all changed now. Combining the data from Scan for Surgery with existing business intelligence tools, we can now see very detailed cost analytics at a procedure level, and we can easily trace products to patients in the event of a recall.”

John Cotter, Programme Director, Activity Based Funding, St. James's Hospital

**“** This holistic approach for a hospital-wide implementation of GS1 standards with a view to increasing patient safety and operational efficiency, is a key strategic objective for St. James's Hospital. The imminent legislation for suppliers provides significant opportunity for wide scale change and benefits for Irish healthcare.”

Vincent Callan, Director of Facilities Management, St. James's Hospital

