



Healthcare
Conference
2025

GLNs: exploring the art of the possible

Mark Songhurst

Scan4Safety programme manager, Leeds Teaching Hospitals
NHS Trust



#bettercarecostsless

hello my name is...

Mark Songhurst

Scan4Safety Programme Manager
The Leeds Teaching Hospitals NHS Trust



Place – The Development

IPR Custom Reports **GS1 GLN**
All rooms below the Floor of Level B1

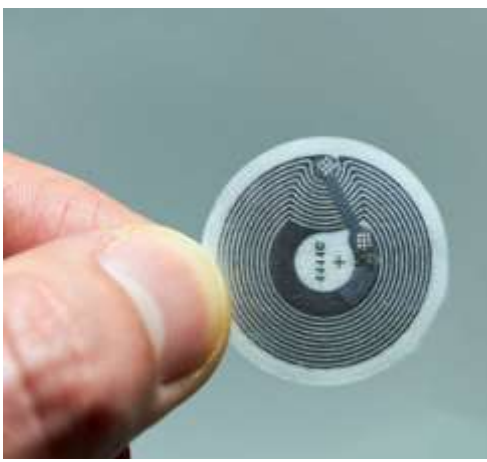
Region	Code	Site	Code	Building	Code	Floor	Code	Room	Code	GLN	Drawing
Leeds Teaching Hospitals NHS Trust	LTH	St James's University Hospital	SJH	Bexley Wing	44	Level B1	SJH44B1	Loading Area	001	5055218925503	
Leeds Teaching Hospitals NHS Trust	LTH	St James's University Hospital	SJH	Bexley Wing	44	Level B1	SJH44B1	Plant Room	002	5055218925510	
Leeds Teaching Hospitals NHS Trust	LTH	St James's University Hospital	SJH	Bexley Wing	44	Level B1	SJH44B1	Workshop	003	5055218925527	
Leeds Teaching Hospitals NHS Trust	LTH	St James's University Hospital	SJH	Bexley Wing	44	Level B1	SJH44B1	Store	004	5055218925534	
Leeds Teaching Hospitals NHS Trust	LTH	St James's University Hospital	SJH	Bexley Wing	44	Level B1	SJH44B1	Store	005	5055218925541	
Leeds Teaching Hospitals NHS Trust	LTH	St James's University Hospital	SJH	Bexley Wing	44	Level B1	SJH44B1	Corridor	006	5055218925558	
Leeds Teaching Hospitals NHS Trust	LTH	St James's University Hospital	SJH	Bexley Wing	44	Level B1	SJH44B1	Store	007	5055218925565	
Leeds Teaching Hospitals NHS Trust	LTH	St James's University Hospital	SJH	Bexley Wing	44	Level B1	SJH44B1	Store	008	5055218925572	
Leeds Teaching Hospitals NHS Trust	LTH	St James's University Hospital	SJH	Bexley Wing	44	Level B1	SJH44B1	Store - Gas	009	5055218925589	
Leeds Teaching Hospitals NHS Trust	LTH	St James's University Hospital	SJH	Bexley Wing	44	Level B1	SJH44B1	Store - Clinical Waste	010	5055218925596	
Leeds Teaching Hospitals NHS Trust	LTH	St James's University Hospital	SJH	Bexley Wing	44	Level B1	SJH44B1	Store Linen	011	5055218925602	
Leeds Teaching Hospitals NHS Trust	LTH	St James's University Hospital	SJH	Bexley Wing	44	Level B1	SJH44B1	Corridor	012	5055218925619	
Leeds Teaching Hospitals NHS Trust	LTH	St James's University Hospital	SJH	Bexley Wing	44	Level B1	SJH44B1	Lobby	013	5055218925626	
Leeds Teaching Hospitals NHS Trust	LTH	St James's University Hospital	SJH	Bexley Wing	44	Level B1	SJH44B1	Control Room	014	5055218925633	
Leeds Teaching Hospitals NHS Trust	LTH	St James's University Hospital	SJH	Bexley Wing	44	Level B1	SJH44B1	Office	015	5055218925640	
Leeds Teaching Hospitals NHS Trust	LTH	St James's University Hospital	SJH	Bexley Wing	44	Level B1	SJH44B1	Office	016	5055218925657	
Leeds Teaching Hospitals NHS Trust	LTH	St James's University Hospital	SJH	Bexley Wing	44	Level B1	SJH44B1	Store	017	5055218925664	
Leeds Teaching Hospitals NHS Trust	LTH	St James's University Hospital	SJH	Bexley Wing	44	Level B1	SJH44B1	Corridor	018	5055218925671	
Leeds Teaching Hospitals NHS Trust	LTH	St James's University Hospital	SJH	Bexley Wing	44	Level B1	SJH44B1	Store	019	5055218925688	
Leeds Teaching Hospitals NHS Trust	LTH	St James's University Hospital	SJH	Bexley Wing	44	Level B1	SJH44B1	Staff Rest Room	020	5055218925695	
Leeds Teaching Hospitals NHS Trust	LTH	St James's University Hospital	SJH	Bexley Wing	44	Level B1	SJH44B1	Office	021	5055218925701	
Leeds Teaching Hospitals NHS Trust	LTH	St James's University Hospital	SJH	Bexley Wing	44	Level B1	SJH44B1	Store - Linen	022	5055218925718	
Leeds Teaching Hospitals NHS Trust	LTH	St James's University Hospital	SJH	Bexley Wing	44	Level B1	SJH44B1	Lobby	023	5055218925725	
Leeds Teaching Hospitals NHS Trust	LTH	St James's University Hospital	SJH	Bexley Wing	44	Level B1	SJH44B1	Staircase	024	5055218925732	
Leeds Teaching Hospitals NHS Trust	LTH	St James's University Hospital	SJH	Bexley Wing	44	Level B1	SJH44B1	Hub Room	025	5055218925749	
Leeds Teaching Hospitals NHS Trust	LTH	St James's University Hospital	SJH	Bexley Wing	44	Level B1	SJH44B1	Store - Equipment	026	5055218925756	
Leeds Teaching Hospitals NHS Trust	LTH	St James's University Hospital	SJH	Bexley Wing	44	Level B1	SJH44B1	Electrical Cupboard	027	5055218925763	



SJH 02/GD/009



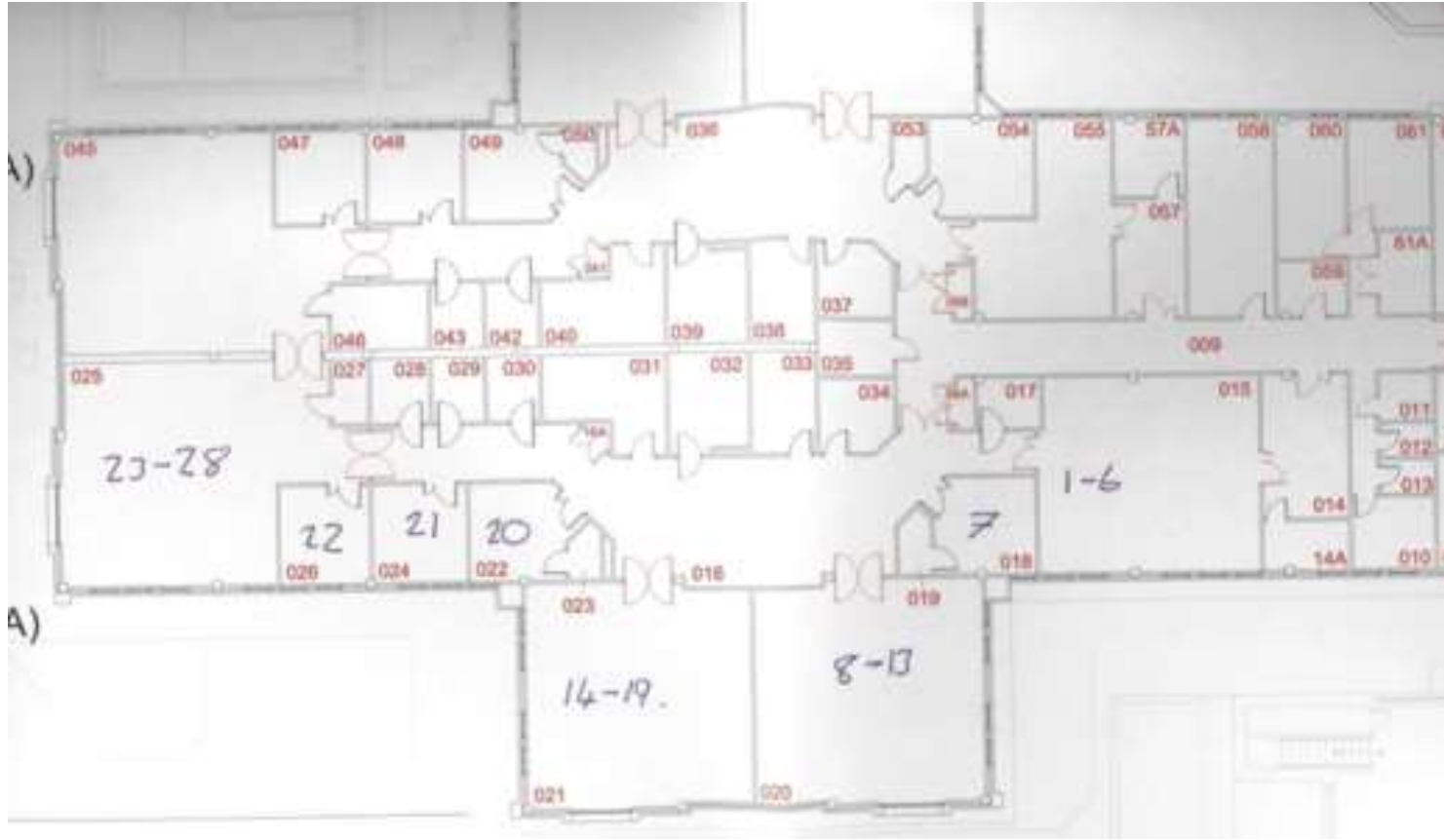
(414)5055218883210



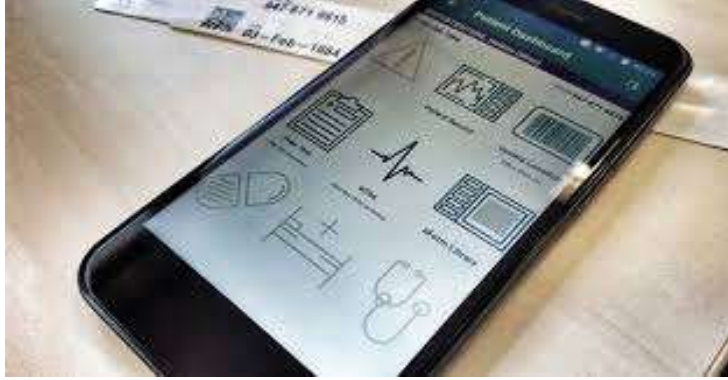
A common problem



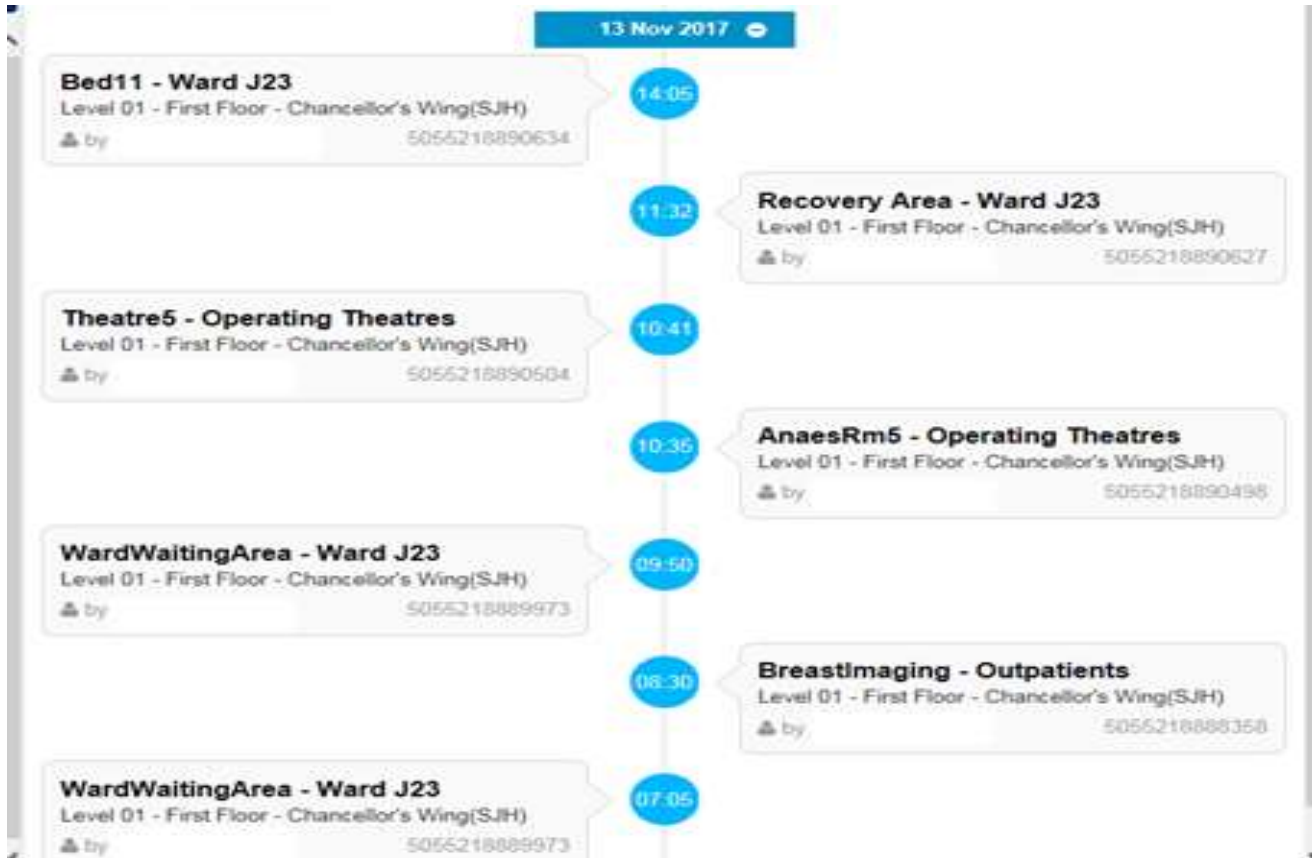
Place - Extensions



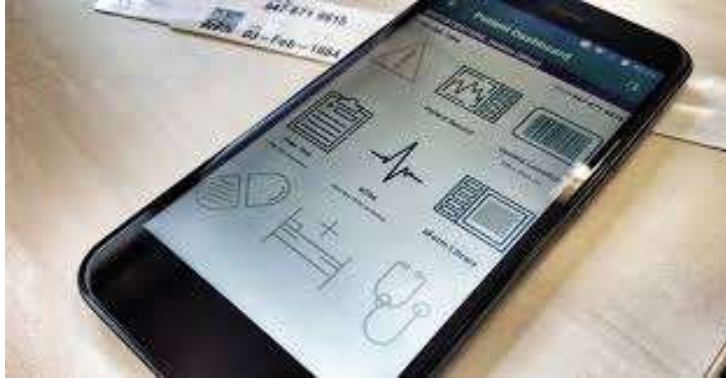
What have we asked our staff to do



Instant Results



Use Case 1 – Bed Management and Transfers



Use Case 2 – Infection Contact Tracing



LGI Wd 1882066

29-Mar-2025 19:31 to 01-Apr-2025 14:32
Total patients found: 10

— Use the arrow keys to scroll left and right —

	29-Mar-2025	30-Mar-2025	31-Mar-2025	01-Apr-2025	Duration of contact
<input type="checkbox"/> [Redacted] Discharged (24-Mar-2025)					2 days, 19 hours, 1 minutes
<input type="checkbox"/> [Redacted] LGI Wd [Redacted] (01-Apr-2025)		Micro, culture & sensitivities Carbapenemase Producing Enterobacteriaceae(CPE) NOT isolated		Micro, culture & sensitivities Carbapenemase Producing Enterobacteriaceae(CPE) NOT isolated	2 days, 19 hours, 1 minutes
<input type="checkbox"/> [Redacted] Discharged (09-Apr-2024)					2 days, 19 hours, 1 minutes
<input type="checkbox"/> [Redacted] LGI Wd [Redacted] (03-Apr-2025)				Micro, culture & sensitivities Carbapenemase Producing Enterobacteriaceae(CPE) NOT isolated	2 days, 19 hours, 1 minutes
<input type="checkbox"/> [Redacted] LGI Wd [Redacted] (30-Mar-2025)		Micro, culture & sensitivities Carbapenemase Producing Enterobacteriaceae(CPE) NOT isolated Viral studies HIV 1 & 2 antibody/antigen : Not detected		Micro, culture & sensitivities Carbapenemase Producing Enterobacteriaceae(CPE) NOT isolated	1 days, 16 hours, 17 minutes
<input type="checkbox"/> [Redacted] CAH Wd [Redacted] (21-Mar-2025)					2 days, 19 hours, 1 minutes
<input type="checkbox"/> [Redacted] Discharged (09-Apr-2024)					2 days, 19 hours, 1 minutes
<input type="checkbox"/> [Redacted] Discharged (08-Oct-2024)					2 days, 19 hours, 1 minutes

Unintended Use Case 1 – Security



BlueSky

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- Administration
- Management
 - Companies
 - Sites
 - Devices
 - Personnel
 - Locations
 - Occurrence types
- Monitoring
- Reporting
- Communication

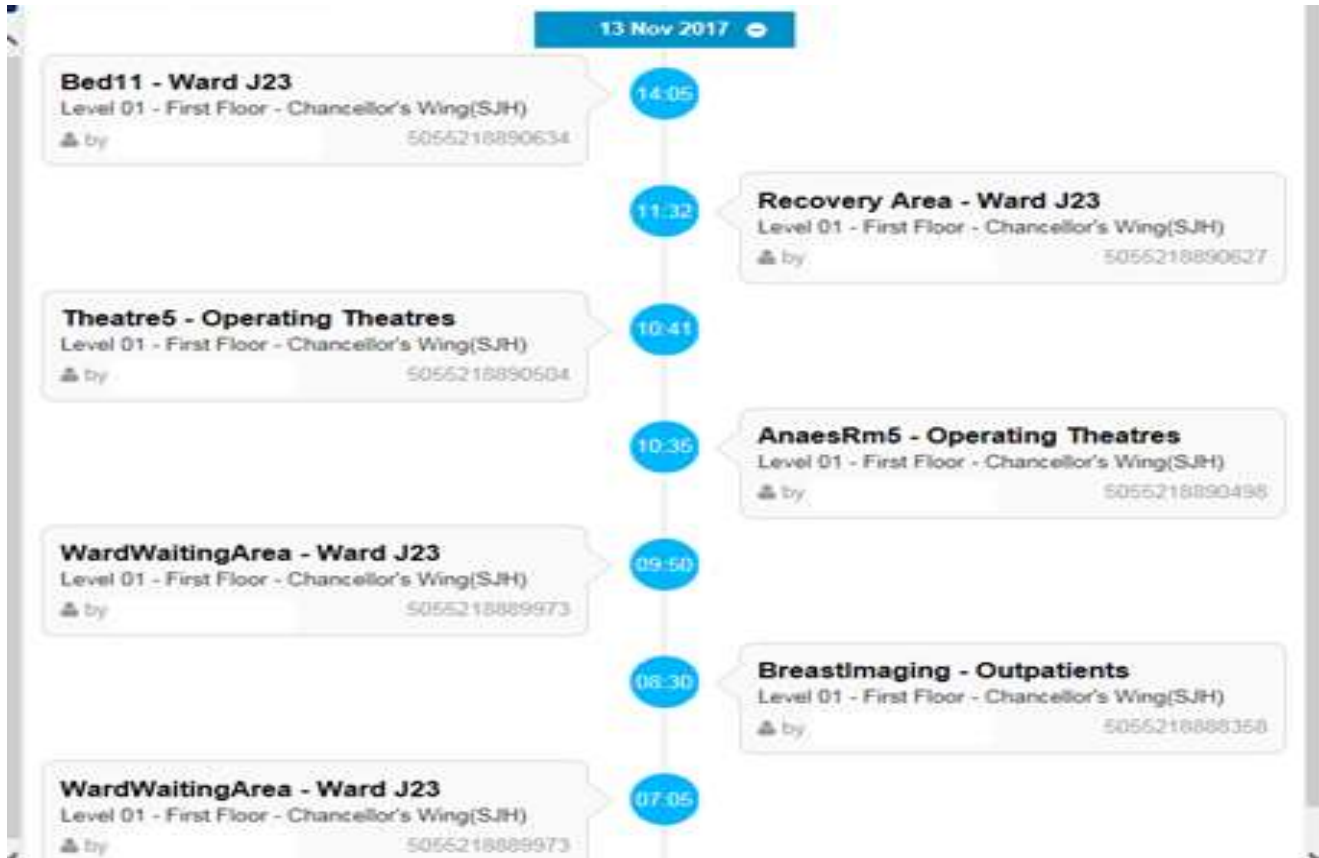
Locations

Name	Checkpoint Type	Company	Site	Actions
CAH 02/04/001 Reception	NFC	LTH	LTH XSite	
CAH 02/08/015 Level 1 Lift Lobby	NFC	LTH	LTH XSite	
CAH 03/00/99A Ward CS	NFC	LTH	LTH XSite	
CAH 04/00/016 Near Dock/Stores Entrance	NFC	LTH	LTH XSite	
CAH 05/0A/002 Ground Floor Lift Lobby	NFC	LTH	LTH XSite	
CAH 06/00/001 Leeds Institute of Rheumatic & Musculoskeletal Medicine	NFC	LTH	LTH XSite	
CAH 06/02/002 Near Staff Entrance	NFC	LTH	LTH XSite	
L01 04/0A/003 Old Site Works Corridor	NFC	LTH	LTH XSite	
L01 06/00/025 L2R	NFC	LTH	LTH XSite	
L01 06/00/007 Mainway Staff Entrance	NFC	LTH	LTH XSite	
L01 10/00/001 - L01 Old Site - Martin Wing Entrance	NFC	LTH	LTH XSite	
L01 10/00/003 - Martin Wing Entrance	NFC	LTH	LTH XSite	
L01 10/00/001 Admin offices	NFC	LTH	LTH XSite	

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Unintended Use Case 2 – Tissue Viability

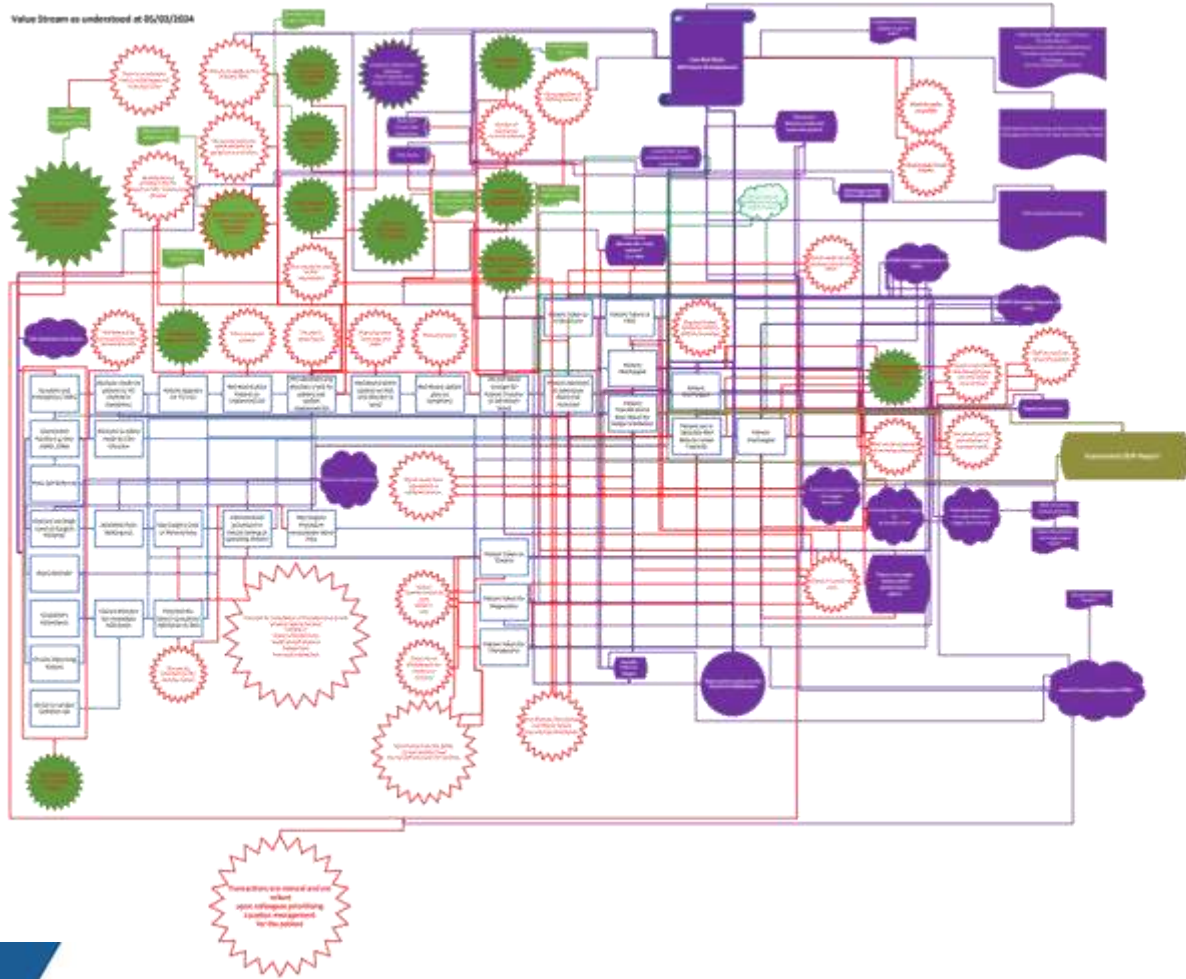


Stages of pressure ulcers

Stage 1	Stage 2	Stage 3	Stage 4
			
Discolouration of intact skin not affected by light finger pressure (non blanching erythema). This may be difficult to identify in darkly pigmented skin.	Partial-thickness skin loss or damage involving epidermis and/or dermis. The pressure ulcer is superficial and presents clinically as an abrasion, blister or shallow crater.	Full thickness skin loss involving damage of subcutaneous tissue but not extending to the underlying fascia. The pressure ulcer presents clinically as a deep crater with or without undermining of adjacent tissue.	Full thickness skin loss with extensive destruction and necrosis extending to underlying tissue.



Use Case 4 – Live Bed State



Thank you

