



Clinical Patient Pathway

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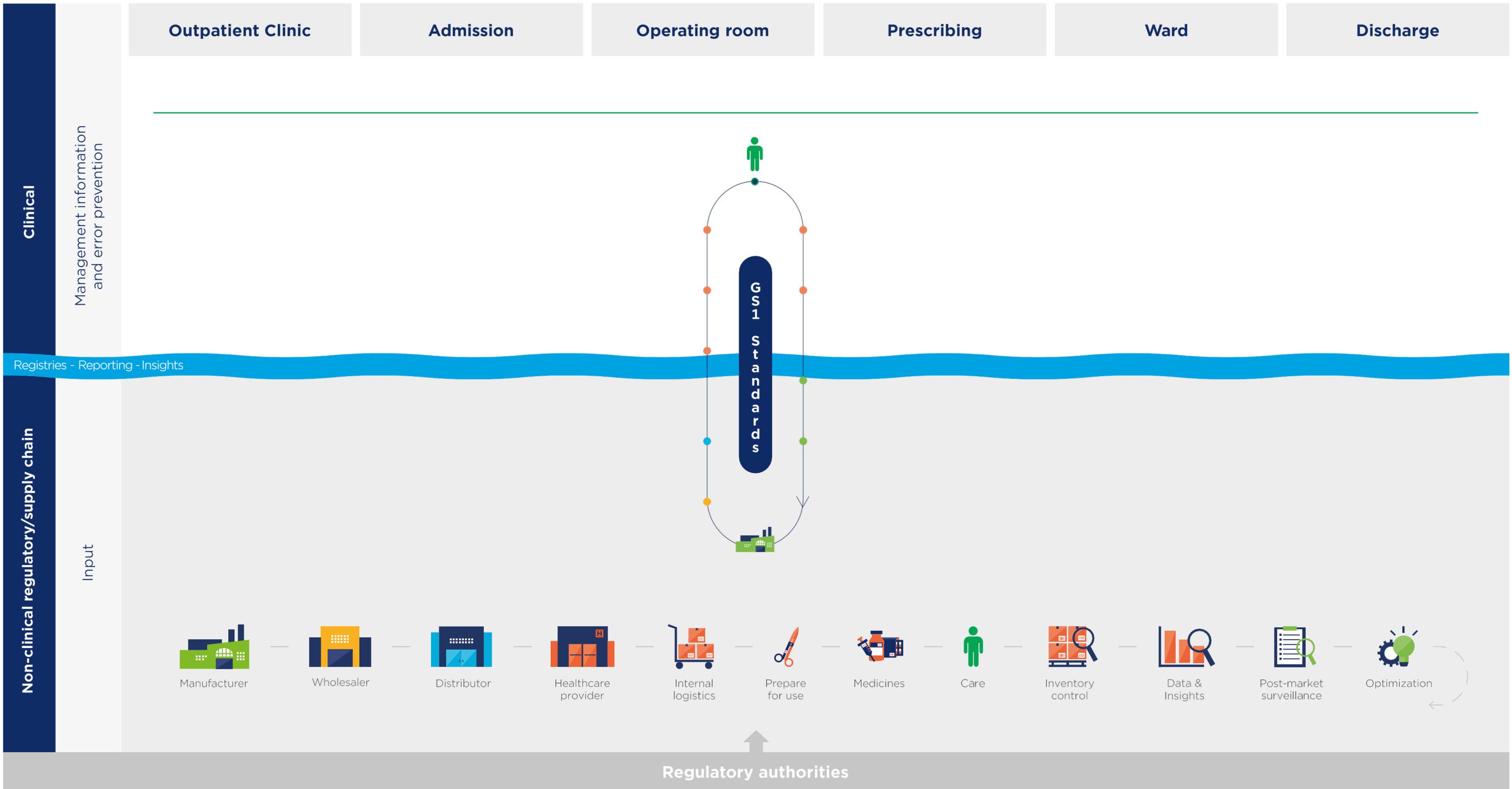
on behalf of the **GS1 Healthcare Clinical Advisory Committee**

36th Global GS1 Healthcare Conference, New Delhi, 2019

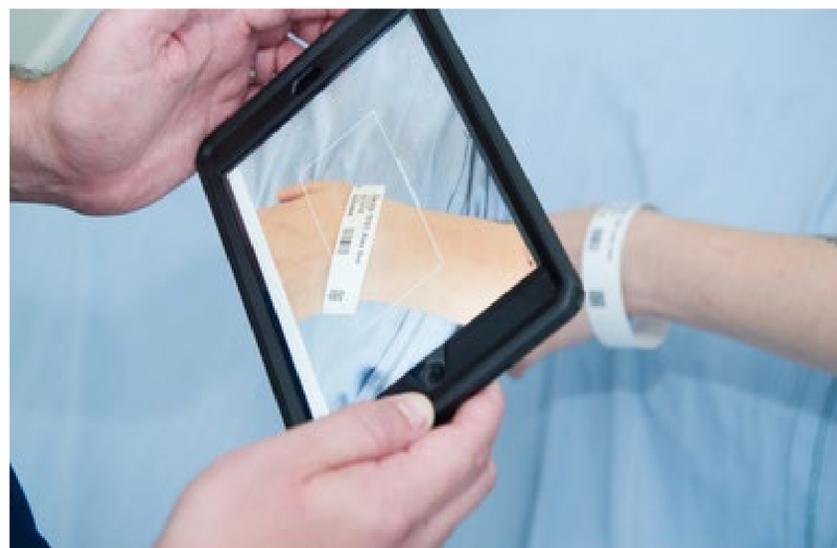


Clinical Patient Pathway i

A clinical patient pathway demonstrating the individual touch points throughout the clinical patient journey where GS1 standards are used. Standards adoption provides end-to-end traceability, improving patient safety and operational efficiency.



Integrated Care Record



First of the demonstrator sites to label down to bed space level and start unlocking the potential



Ward View: 91 (SJUH) St James's Institute of Oncology, Ward Code: J91

Action	Ward	Bed	Patient	Age	Scanned Location	Time Since Arrival	Consultant	Specialty	LOS	EDD	MFFD	Planning	EDID	Needed For Discharge / Transfer	Clinical Summary	eDAN	eMeds
<input checked="" type="checkbox"/>	91 (SJUH)	1	RASPBERRY Robert	32y	Bed Area, J91	05-Oct-2017 06:53	AA	General Medicine	19d	?		On Ward			This is some text to test carriage...	Pharmacy	
<input checked="" type="checkbox"/>	91 (SJUH)	2	PLUM Henry	47y	Bed Area, J91	04-Oct-2017 02:32	ADJ	Urology	5d	?		On Ward				?	
<input checked="" type="checkbox"/>	91 (SJUH)	3	PEAR Pamela	37y	Bed Area, J91	06-Oct-2017 ...	MRM	Anaesthetics	4d	?		On Ward				Pharmacy	
<input checked="" type="checkbox"/>	91 (SJUH)	4	GRAPE Bella	57y	Xray, 06-Oct-2017	14:53	ADJ	Urology	3d	?		On Ward				?	
<input checked="" type="checkbox"/>	91 (SJUH)	5	BLUEBERRY George	32y	Bed Area, J91	06-Oct-2017 ...	AA	General Medicine	31d	?		On Ward				?	
<input checked="" type="checkbox"/>	91 (SJUH)	6	PINEAPPLE Peter	45y	Examination Room, Outpatients	06-Oct-2017 15:10	MRM	Anaesthetics	13d	?		On Ward				?	
<input checked="" type="checkbox"/>	91 (SJUH)	7	OLIVE Adrienne	37y	Bed Area, J91	06-Oct-2017 ...	ADJ	Urology	19d	?		On Ward				?	
<input checked="" type="checkbox"/>	91 (SJUH)	8	PEACH James	57y	Room 3, Endoscopy	06-Oct-2017 14:12	JHB	General Medicine	9d	?		On Ward				?	
<input checked="" type="checkbox"/>	91 (SJUH)	9	ORANGE David	32y	Bed Area, J91	06-Oct-2017 ...	JHB	General Medicine	4d	?		On Ward				?	

Associates patient, to place, to product, to process.
Automatically updates the e-whiteboard

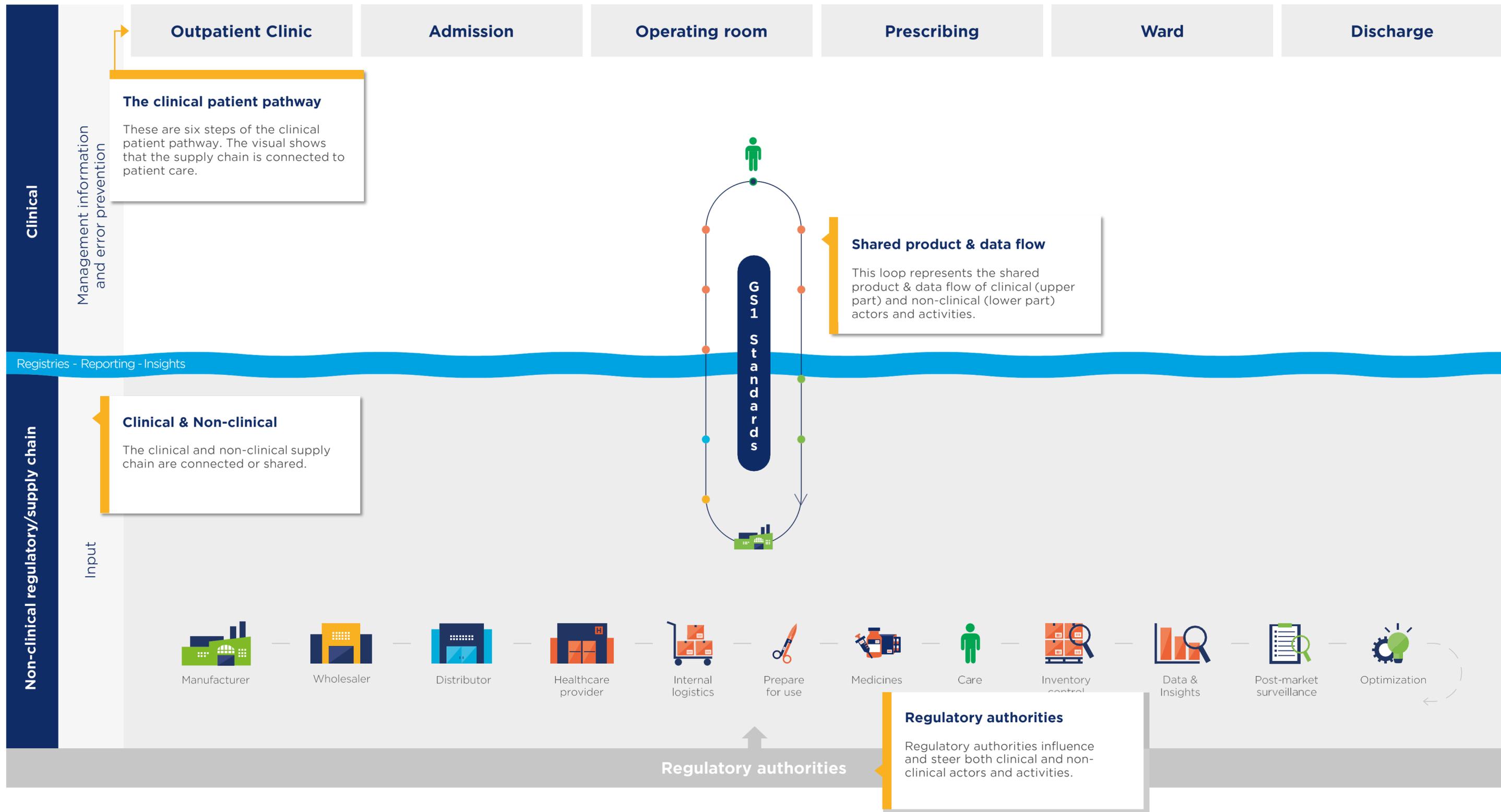
Mobile ppm+ app will allow access to e-forms within the patient EPR at the bedside





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Standards key



to identify a service provider and patient



to uniquely identify a location



to uniquely identify a product



to uniquely identify and manage an asset

GS1 Standards are device and system agnostic

Outpatient Clinic

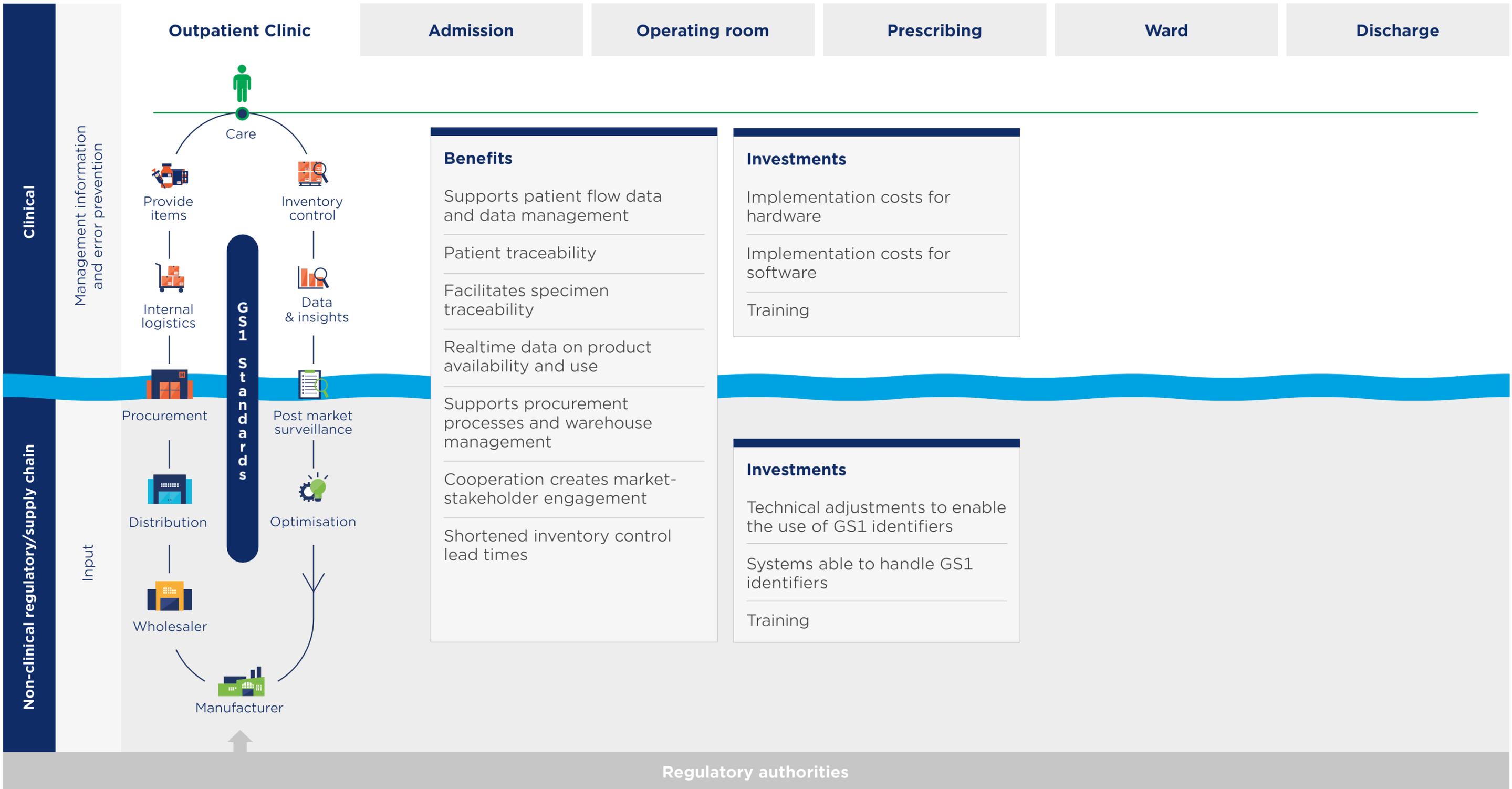
Admission

Operating room

Prescribing

Ward

Discharge





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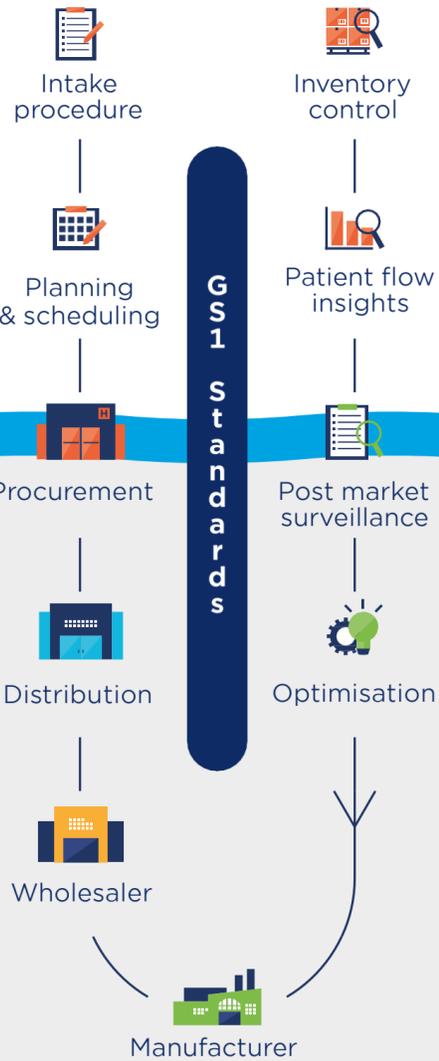
Clinical

Management information and error prevention

Non-clinical regulatory/supply chain

Input

Care



Benefits

- Patient traceability
- Supports patient flow data
- Asset traceability
- Stock reduction
- Eliminating non-nursing tasks performed by nurses
- Supports alignment of data exchange and interoperability on products
- Supports understanding of mutual improvement areas
- Cooperation creates market-stakeholder engagement
- Shortened inventory control lead times

Investments

- Implementation costs for hardware
- Implementation costs for software
- Training

Investments

- Technical adjustments to enable the use of GS1 identifiers
- Systems able to handle GS1 identifiers
- Training

Regulatory authorities



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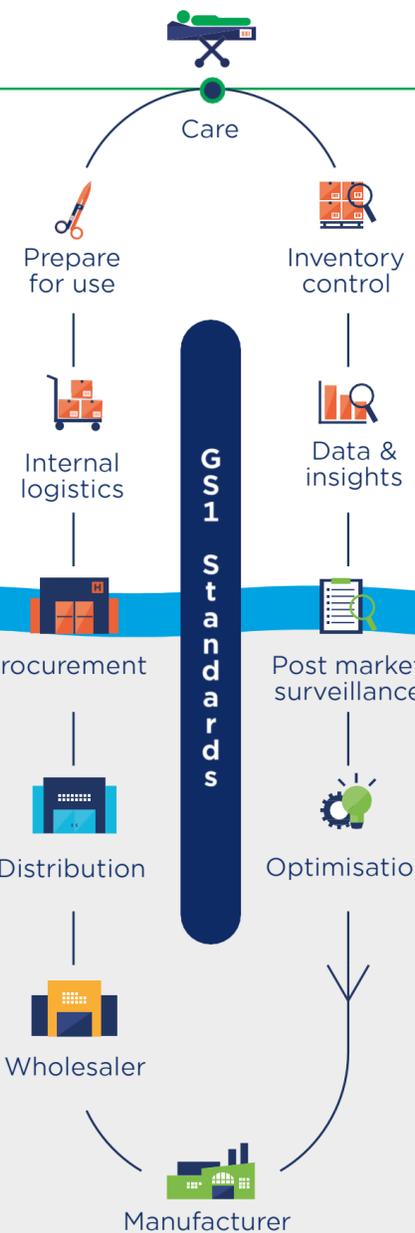
Discharge

Clinical

Management information and error prevention

Non-clinical regulatory/supply chain

Input



Benefits

- Helps improve patient safety
- Product traceability
- Allows facilitation of discussion on reducing clinical variation
- Supports direct uploading of data to implant registry
- Just-in-time delivery
- Less expired products
- Links supply chain and clinical information to improve processes
- Stock reduction
- Facilitates specimen traceability
- Enhanced recall procedures
- Cooperation creates market-stakeholder engagement

Investments

- Implementation costs for hardware
- Systems being able to cover capturing and storing GS1 identifiers and data
- Training

Investments

- To be compliant with regulation
- Product development costs

Regulatory authorities



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Clinical

Management information and error prevention

Benefits

- Supports the five patient rights of medication administration
- Helps improve patient safety
- Product & patient traceability
- Facilitates capturing accurate data in case of adverse event reporting

Costs

- Implementation costs for hardware
- Implementation costs for software
- Training
- Relabelling costs (labelling & staff time)

Investments

- Implementation costs
- Adjust procedures and packaging to be compliant with regulation
- Technical adjustments to enable the use of GS1 identifiers

Care

Prescribing

Inventory control

Planning & ordering

Data & insights

Procurement

Post market surveillance

Distribution

Optimisation

Wholesaler

Manufacturer

GS1 Standards

Non-clinical regulatory/supply chain

Input

Regulatory authorities



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Outpatient Clinic

Admission

Operating room

Prescribing

Ward

Discharge

Clinical

Management information and error prevention

Benefits

- Point-of-care scanning
- Eliminating non-nursing tasks performed by nurses
- Helps improve safety
- Supports stock keeping procedures
- Patient level costing

Facilitates specimen traceability

Realtime data on products

Internal audits facilitated by accurate data

Supports understanding of mutual improvement area's

Shortened inventory control lead times

Investments

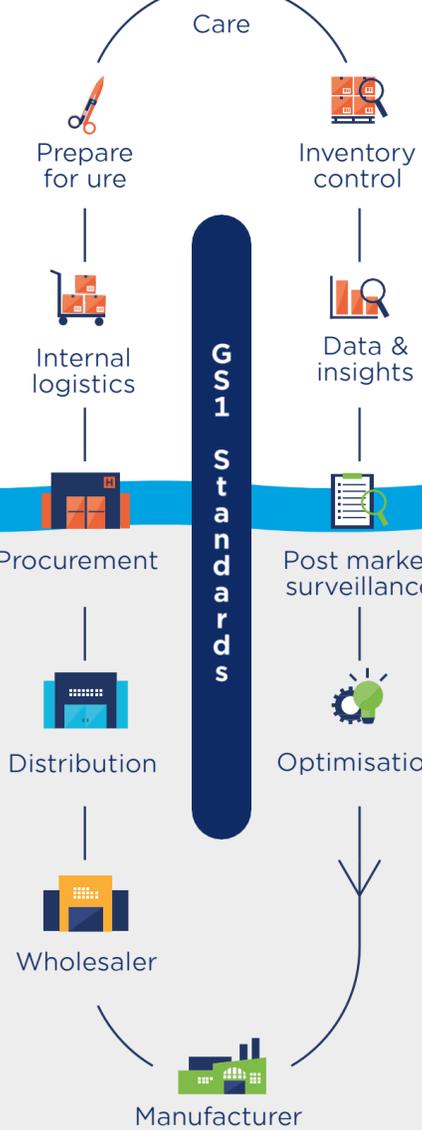
- Implementation costs for hardware
- Systems being able to cover capturing and storing GS1 identifiers and data
- Training

Investments

- Technical adjustments to enable the use of GS1 identifiers
- Systems able to handle GS1 identifiers
- Training

Non-clinical regulatory/supply chain

Input



Regulatory authorities



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Clinical

Management information and error prevention

Non-clinical regulatory/supply chain

Input

Benefits

Allows facilitation of discussion on reducing clinical variation

Eliminating non-nursing tasks performed by nurses

Facilitates capturing accurate data in case of adverse event reporting

Realtime data on products

Patient traceability

Facilitates specimen traceability

Just-in-time delivery

Patient level costing

Supports connectivity of data over systems

Shortened inventory control lead times

Investments

Implementation costs for hardware

Implementation costs for software

Training

Investments

Technical adjustments to enable the use of GS1 identifiers

Systems able to handle GS1 identifiers

Training



Care



Discharge procedure



Discharge control



Internal logistics



Data & insights

GS1 Standards



Procurement



Post market surveillance



Distributor



Optimisation



Wholesaler



Manufacturer

Regulatory authorities



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Standards key



Global Service Relation Number
to identify a service provider and patient



Global Location Number
to uniquely identify a location



Global Trade Number
to uniquely identify a product



Global Individual Asset Identifier
to uniquely identify and manage an asset

GS1 Standards are device and system agnostic

Outpatient Clinic

Admission

Operating room

Prescribing

Ward

Discharge

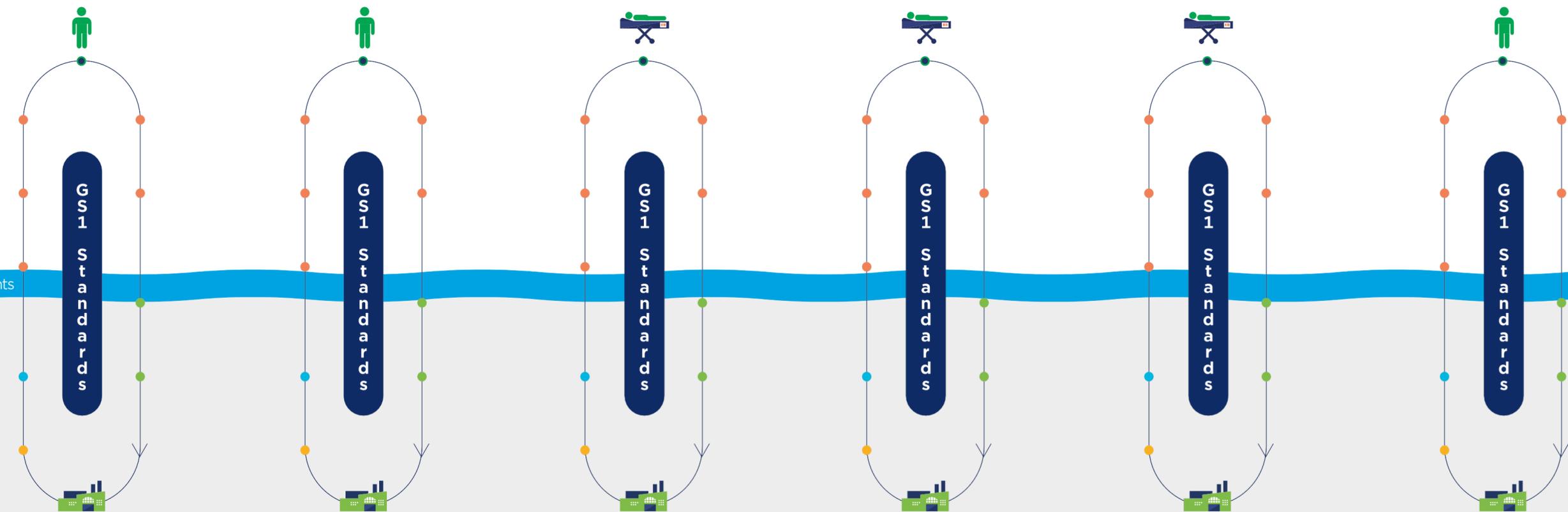
Clinical

Management information and error prevention

Registries - Reporting - Insights

Non-clinical regulatory/supply chain

Input



• Inventory/Asset Management

• Medical Consumables/Devices

• Pharmaceuticals



Manufacturer



Wholesaler



Distributor



Healthcare provider



Internal logistics



Prepare for use



Medicines



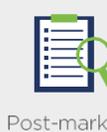
Care



Inventory control



Data & Insights



Post-market surveillance



Optimization

Regulatory authorities



The Global Language of Healthcare

Video to go in here
