



The Global Language of Business

In today's rapidly changing landscape, the pressure is on healthcare providers to ensure high quality patient care while working within ever increasing time and financial constraints. GS1 barcodes and standards help to address some foundational difficulties healthcare providers face and help deliver improved patient safety and cost-saving operational efficiencies.

Benefits of GS1 standards

Ensured traceability of products to patients

Waste reduction & increased accuracy of ordering processes

Improved inventory visibility and stock control

Efficient, accurate and targeted recalls

More time spend with patients

Reduction of medication error

Steps to implementation



What
What are the hospital's needs? What problems do you face?

How
Establish an expert group. Share success stories.



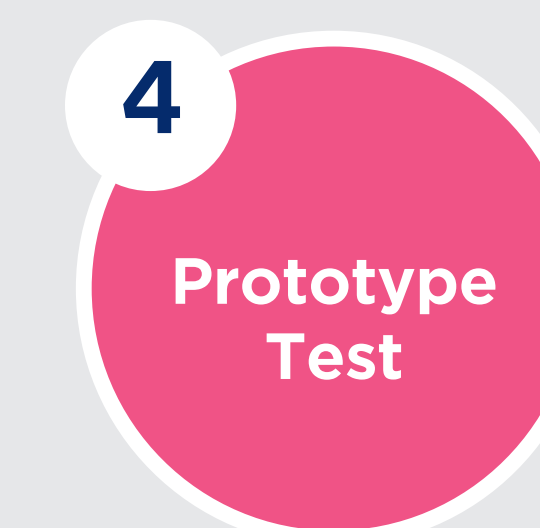
What
Define the problem you want to solve. What have other hospitals done? Define where and how you want to implement track & trace.

How
Provide tools and online materials. Advice endorsement management team.



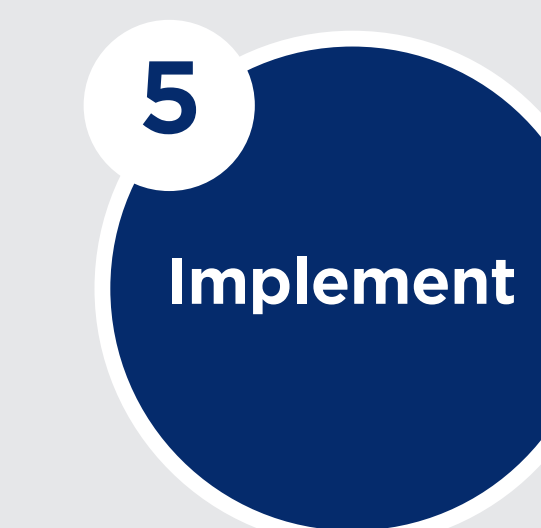
What
What are some solutions? Share your ideas with others.

How
Share examples of other hospitals. Give insight in standards. Get clarity on (human & financial) resources.



What
Launch a pilot study to test (a part of) your solutions. Start small, for instance with just one specialism or process. Collect feedback.

How
Ensure results are shared with hospital management. Test KPI's to monitor.



What
"Put it in production", make it work. Measure and evaluate.

How
Provide a helpdesk service. Prepare carefully the next phase.

For a more detailed process, see "The 10-step guide for healthcare providers to implement GS1 standards" <https://www.gs1.org/sites/default/files/images/10-step-guide-gs1-healthcare-standards.pdf> | <https://www.gs1.org>

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About GS1 Healthcare

GS1 Healthcare is a global, voluntary user community bringing together all healthcare supply chain stakeholders, including manufacturers, distributors, healthcare providers, solution providers, regulatory bodies and industry associations. The mission of GS1 Healthcare is to lead the Healthcare sector to the successful development and implementation of global standards by bringing together experts in Healthcare to enhance patient safety and supply chain efficiencies.

www.gs1.org/healthcare

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What are the stakeholders and their needs in the healthcare supply chain?

Some of the external stakeholders deliver products to a hospital, some others deliver services. These are needed to enable and secure quality of care.

Administrative procedures like procurement are facilitated by GS1 standards. Stakeholders may also be next to the hospital in the continuum of care for the patient after discharge.

Regulation supports the right barcoding of products, so all products entering the hospital can be processed in a safe and efficient way. This facilitates an optimal supply chain and allows for full traceability

"As a **Central Sterilisation Department manager** I need registration of all available and used medical devices and a full overview of procedure events and of scheduled surgeries"

"As a **Board member** I would like an overview of impact in case of recall, up to date records of costs and revenues, quality compliance and benchmark and results of satisfaction surveys."

"As a **Procurement manager** I want to know if all required devices and medication are registered, located, in stock (or order) and ready for use. And I want to manage my suppliers."

"As a **Facility manager** I need up-to-date records of planning, waiting lists, capacity, traceability of patients, medication and medical devices. I want to know if patients are satisfied with our care."

"As an **IT manager** I want interoperability of systems to identify persons, places, available and used products and I need safe records and I want to manage my solution providers."



"As a **Patient** I would like information concerning my disease, my doctor, treatment and costs"

"As a **Nurse** I want to check patient ID's, up to date patient records, medication, treatments and planning, available medical devices and medication"

"As a **Medical Doctor** I want to check patient ID's, up to date patient records, diagnostic test results, treatments and planning, available medical devices and medication."

"As a **Pharmacist** I need an up-to-date record of patient ID, implants, medication, medical records, payers information, pharmacy stock and medication, status recall, patient and doctor feedback."

"As a **Warehouse manager** I would like up-to-date records of inventory and stock levels, costs and (re-)orders."

"Knowing that we can make our hospitals better and safer is compelling enough to make standards part of everyone's job."

Dr. Erik van Ark, Executive Director of Medical Staff, Chairman of Operating Rooms, Bernhoven Hospital, Netherlands.

"We needed GS1 standards. Otherwise, we would risk implementing processes and systems that didn't capture the same data and allow us to use effectively."

Rosemary Kennedy, Executive Director-Business & Infrastructure, Australian Capital Territory Health.

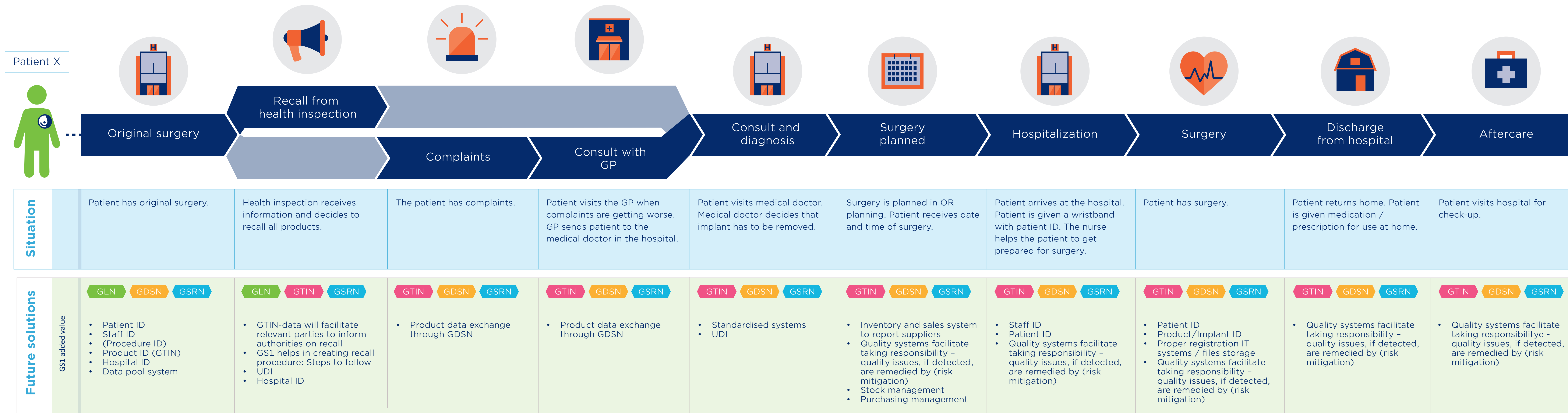


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GS1 Healthcare
Guide for healthcare providers to implement GS1 standards



Patient Journey - Breast Implant Recall



Acronym Decoder

- EDI**
Electronic Data Interchange
- GDSN**
Global Data Synchronisation Network
- GDTI**
Global Document Type Identifier
- GLN**
Global Location Number
- GP**
General Practitioner
- GSRN**
Global Service Relationship Number
- GTIN**
Global Trade Item Number
- OR**
Operation Room

Patient Journey - Surgical treatment

