GS1 Malta

Global Standards in the Healthcare Supply Chain

Implementing GS1 Standards

GS1 – an international standards organisation

Not-for-profit
112 Member Organisations
Over one million user companies
(from SME to global companies)
Member driven
150 countries served; 20 different domains
2,700 people helping us
Over 6 billion transactions a day

GS1
Malta

Our Vision

GS1 Healthcare envisions a future where the healthcare sector integrates GS1 Standards into supply chain processes for all relevant items, locations and people to drive patient safety and supply chain efficiency improvements.

Our Vision

The vision of GS1 Healthcare is to be the recognised, open and neutral source for regulatory agencies, trade organisations and other similar stakeholders seeking input and direction for global standards in healthcare for

patient safety

supply chain security & efficiency

traceability

product data

Working with global organisations...

International Organisation for Standardisation

European Committee for Standardization

Health Level 7 International

International Health Terminology SDO

Clinical Data Interchange Standards Consortium

Integrating the Healthcare Enterprise

Digital Imaging and Communications in Medicine

Personal Connected Health Alliance

Joint Initiative Council

World Health Organization

World Customs Organization

International Hospital Federation

International Council for Commonality in Blood Banking Automation

International Society for Quality in Healthcare

European Association of Hospital Pharmacists

European Federation of Pharmaceutical Industries and Associations

European Medical Devices Industry Association

…in Healthcare lack of standards can cost a life

The healthcare supply chain needs global standards

- Medication errors result in additional treatments, disabilities and even loss of life

- Counterfeiting is an increasing global threat

- Traceability from manufacturer to patient is problematic

- Product recalls can be difficult to manage, in particular for healthcare providers

- Manual interventions in the healthcare supply chain decrease its efficiency and accuracy

Medication Errors – happening today

US
- 44,000-98,000 die in the US alone as the result of medication errors *(IoM, 2006)*
- More than Motor vehicle accidents (43,458), breast cancer (42,297) or AIDS (16,516)
- Estimates of cost for US figures- $17-$29 Billion annually $2,000- $5,000 ~~per event~~ *(HDMA, 2004)*

UK
- Approximately 10% of inpatient episodes result in a ~~me~~
- Of the 8 million hospital admissions in England ~~...~~ afety incident, Costing the National Health Service ~~£3~~...

New Zealand
- In hospital adverse ~~...~~ ese are preventable) 5,000 patients experience an ~~...~~ ~~...abled~~

Germany
- "17,000 die fro~~...~~ ~~...~~tsches Arzteblatt International, March 5, 2010)

East Africa
- "Medical error is ~~...~~ensive for life" **(**In2EastAfrica, January 22, 2012)

> Globally this is the equivalent of a Jumbo Jet falling out of the sky every day with 100% fatalities

GS1 Malta

Combating counterfeiting

The introduction of a unique identification for drugs or medical devices, where appropriate, will enable **authentication and traceability systems**

This will **make it much more difficult** for counterfeiters to intrude into the Healthcare supply chain

GS1 standards play a major role !

GS1 Malta

Ensuring the '*5 Patient Rights*'

The *right* product

The *right* route

The *right* patient

The *right* dose

The *right* time

GS1 helps for better visibility in the hospital supply chain

- **Improve patient safety**
  - Reduce medical errors (medication errors, verification of patient ID, etc.)
  - Enable effective product recalls
  - Fight counterfeiting
  - Enable adverse event reporting
  - More time for patients
- **Increase efficiency and save costs**
  - Improve order and invoice process
  - Optimise receiving
  - Reduce inventory & improve shelf management
  - Increase productivity
  - Improve service levels/fill rate
  - Improve benchmarking and management of supply cost
  - Efficiently document treatment in patient's Electronic Health Record

GS1
Malta

Benefits for Patient Safety

- Improved recall procedure and adverse event reporting

- Documentation of product/patient relationship – in electronic health records (EHR) and registries

- Visibility of inventory – availability of devices

- Reduction of medical errors

- Supply chain security/anti-counterfeiting

GS1 Malta

McKinsey & Company report quantifies supply chain issues in Healthcare

Source: http://www.mckinsey.com

New McKinsey report "Strength in unity: The promise of global standards in healthcare"

Highlights the cost savings and patient safety benefits of adopting a single global supply chain standard in healthcare

Available at:

http://www.gs1.org/healthcare/mckinsey

Some of our success stories…

GS1 standards remove at least €5 million worth of stock at St James's Hospital (Ireland, 2010)

Mock recall can identify location of 100% medication within 10 minutes.

Product wastage reduced from €90,216 to zero in the year post service implementation.

Reduced emergency consignment stock orders thanks to improvements in forward demand/stock planning plus €1.1 million saving. (Leeds, UK)

But there is

still much more

that should be

done...!

GS1
Malta

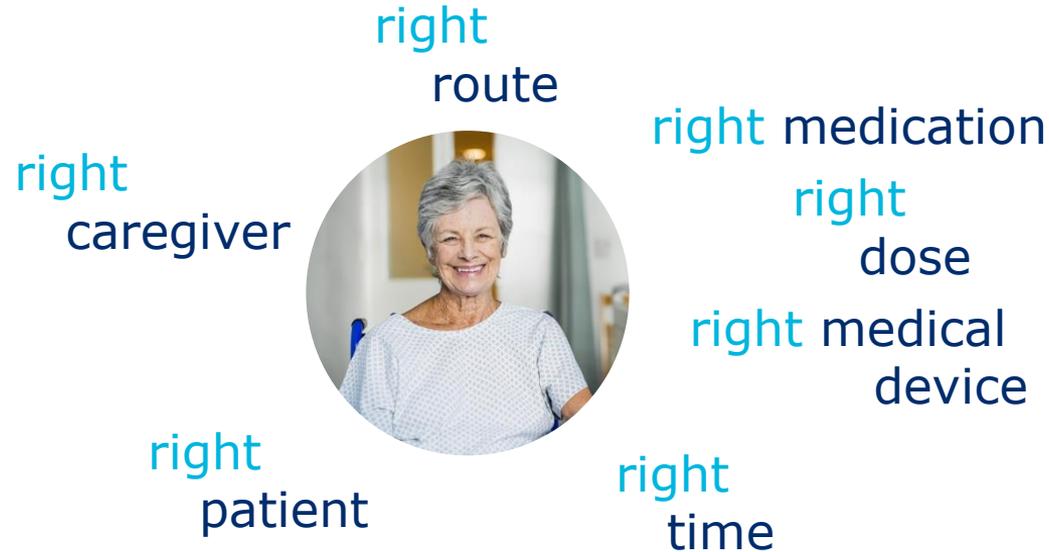We have to

keep moving forward

to ensure GS1 standards

benefit all patients

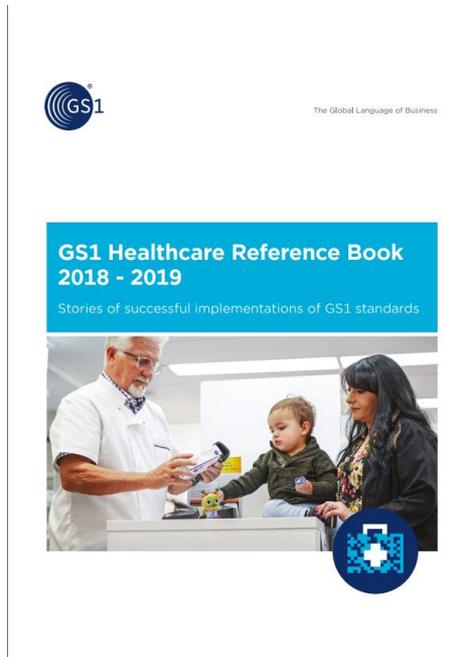worldwide

GS1
Malta

Imagine

a world where...

…the patient rights were reality, all the time!

right
route

right medication

right caregiver

right
dose

right medical
device

right patient

right
time

GS1 Malta

Did you know?

Read about a dozen different real-world deployments of GS1 standards in the healthcare sector across the world:
Australia, Austria, Belgium, Brazil, Colombia, Germany, Netherlands, China, USA

◀ **http://www.gs1.org/healthcare**

Ultimately, it's all about...

PATIENT SAFETY!

Contact Information

Malcolm Bowden – President, Solutions & Services

Janita Winters – COO

GS1 Malta

"IVY House"

150,Suite 1

Canon Road

St.Venera SVR 9034

T   +356 21 33 7225

D   + 356 21 33 7228

M   +356 99294147

E   janita.winters@gs1mt.org

www.gs1.org/www.gs1mt.org