From barcode to sustainable patient care in the OR

Hennie Mulder, Registered Nurse, Maxima Medical Centre, Veldhoven, the Netherlands
Els van der Wilden, MD MPH, Director Healthcare Providers, GS1 Global Office, Belgium

GS1 identifies support
Identifying products, patients & caregivers and locations

Manufacturers

GDSN

Data Pool

GDSN

Physical product

Medical device

Healthcare providers

(GS1) medication

Surgery

Scan medical device/UDI
• Unique article code
• Lot number
• Serial number
• Expiry date

• Global Location Number (GLN)
• Identification of patient and staff (GSRN)

Healthcare providers

Benefits of using GS1 standards in healthcare

100% reduction in cancelled procedures for stock-out

100% traceability from manufacturer to patient

Less waste caused by lapsing of expiry dates (~80%)

Automated ordering process

Facilitated and reliable recall procedures

Improved inventory management

Reduced # of costly emergency ordering

Reduced stock levels (at least 20%)

Correct information direct into implant registries

Correct information direct into electronic patient record

Nurses spend time with patients instead of on logistics

For more information visit our website: www.gs1.org/industries/healthcare

GS1 is a neutral not-for-profit global organization that develops and maintains the most widely used supply chain standards in the world.

Discover more benefits of using GS1 standards

OLVG case study

Bernhoven hospital case study

With special thanks to GS1 Netherlands