Implementation of GS1 Standards at a sterilisation department – Hospital Case Study
Old Picture of Speising
Future View of Speising
Todays View of Speising
Key dates of the Organisation

- Total number of beds: 2221
- Hospital patients: 112359
- Corrected workers in the hospitals: 4535
Future projects:

- RFID introduction in instrument cycle of a hospital
- Detection of specific medical equipment and inventory within the hospital
- Automation of ordering processes using barcode technology (med consumables)
- Simplifying the logistics processes within the overall organization
RFID in instrumentation circuit Process Description

Zyklus der Sterilisation

Beginn
Übernahme in der Steri

Vorselektion des Gutes

Waschen in Maschinen

Kontrolle auf Beschädigung und Vollständigkeit

Aufbereiten händisch

Ausgabe an OP’s
(interna Regelung wird vom
OP-Personal gemacht)

Einlagerung des Sterilgutes
(in die Paternosträschränke)

Freigabe nach
Sterilisationsprozess durch
Dipl. Personal

Starten des Programms
(Einlesen der Etiketten)

Packen lt. Packlisten
(Personalkapazität)

Bestücken des Steris
(Container auf die Wägen)
Examples of RFID Tags
Example pictures
Example pictures
Example pictures
Example pictures
Advantages from the perspective of hospital

- Better process chains can be mapped
- Automated documentation possibility of the arrival of the product in the hospital to the elimination or use of the product
- Simplification of logistics operations
- Automation of ordering
- Quality improvement in the process chain
- Risk reduction in the area of application
- Usability is not only guaranteed in individual hospitals, but also in networks
- Reduce storage costs
Advantages from the perspective of hospital

- Increase the cost-efficiency
- Quality improvement not only in the primary scope, but also for secondary applications, as for example Service Technology
- Patient safety
Why a uniform code?

- Avoidance of additional interfaces
- Use of a single language
- Uniform networking between manufacturer-sales customer-patient is made possible
- World-wide applicability is given
- Fast-tracking - unique identification
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