GS1 Austria

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Agenda

• Influence of a „small“ project in the middle of Europe

• „Time for databases“ or „what´s happening at GS1 Healthcare Austria“
Preparation Cytostatics

- For 13 departments at Vienna’s General Hospital
- For St. Anna Kinderspital

68 different pharmaceuticals for preparation

ERP-system „SAP“

Software for preparation „CATO“

The whole process should be automated!
Project „Track & Trace Cytostatics“

Details

Timeline

• Idea was born at the GS1 Healthcare Conference in Vienna, March 2009
• Detailed project planning August 2009
• Kick-off meeting with „the big 5“ September 2009
• Internal changes have to be done until end of 2010
• D-day Dec 8th 2010 „Testing“
• Operational Start 2011

Team

• Vienna General Hospital (Lead), GS1 Austria, Manufacturer, CATO Software Solutions

Objectives

• Minimizing rate of errors
• Controlling supply chain
• Traceability from manufacturer to patient
Project „Track & Trace Cytostatics“

Now

Linear Barcodes on registered pharmaceuticals
- PZN embedded in GTIN-Structure
- Carrier EAN-13

Barcodes on secondary package

Primary package:
- Name of product, Exp. date, Lot/batch

NO 2D Barcodes
Project „Track & Trace Cytostatics“
Solution: Basics

- GS1 DataMatrix
- ID (NTIN), lot/batch, exp. date
- Application Identifier (AI)

- 2D-Scanner

- Technical options

- Set-up / Implementation Software
  - SAP, CATO
  - Data synchronisation
Projekt „AKH Wien“

Bilder
Projekt „AKH Wien“

Bilder
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Bilder
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Bilder
Conclusion

Use of image based scanners
- Automated data transfer
- Verification of data (cross-checking)

GS1 DataMatrix
- Suppliers’ side
- Including more than a GTIN (NTIN)

GS1 DataBar
- Hospital’s side
- „emergency – solution“

Set-up IT infrastructure
- Better data management
From an idea to a national influence

- March 2009 – more product information is needed
- August 2009 – planning for a pilot project in an hospital with ~ 2100 beds
- September 2009 – change to implementation project „no way out“
- June 2010 – Vienna´s Hospital Association (17 hospitals, 15,000 beds) announced new requirements for future tenders
- August 2010 – other Austrian Hospital Associations will follow
Small country...
… but a lot of hospitals
Overview Austria

266 Hospitals / ~ 63.900 Beds
  • public: 128 / ~ 47.000
  • private: 139 / ~ 16.900

22 social insurances, compulsory

Regulatory bodies:
  • Federal Ministry of Health
  • AGES, Austrian Federal Office for Safety in Health Care

Associations:
  • Pharmig - Association of the pharmaceutical industry
  • AustroMed - Association of medical device - companies
  • ÖAK - Austrian Pharmacists Chamber
  • ÖÄK - Austrian Medical Chamber

National identification of Pharmaceuticals: PZN within EAN-13
Healthcare Projects

GS1 Austria, current Projects:

- Vienna General Hospital – Cytostatic Drugs
- e-Health, ELGA (Austrians EHR) – eMedication & eVaccination card
- AGES – Database for narcotics
- Link between GS1 and national product catalogue for pharmaceuticals