Introduction to the Dutch healthcare market
and the G-Standaard Logic
Amsterdam, 4/10/2011
Topics

- The Dutch Healthcare System and Z-Index
- The G-Standaard
- Development of the G-Standaard Logic
Stakeholders Z-Index

Information Suppliers

Information Users (G-Standaard)

Z-Index

Governance on “Content”

Public Pharmacists
Hospital Pharmacists
Prescribers:
  *docters
  *specialists
Ministry VWS/Nza
Insurance companies
Industry
Softwarehouses

Stakeholders

KNMP

100% ownership: governance on finances & efficiency

GS1 Healthcare Conference, Amsterdam, oktober 2011
G-Standaard (Z-Index number)

An accepted standard in the whole Dutch pharmacy chain
The G-Standaard
Content of the G-Standaard

The G-Standaard contains:
• all (licensed) medicines available in the Netherlands
• homeopathic products
• medical devices
• preparations (since 2009)
• system for structured logging of care

and provides information on:
• logistics (for all products)
• legal status, reimbursement (for all products)
• pharmaceutical characteristics (for medicines)
• decision support (for medicines)
The backbone of the G-Standaard (NEN 7507)
## Examples

<table>
<thead>
<tr>
<th>Level</th>
<th>Example</th>
</tr>
</thead>
<tbody>
<tr>
<td>SNK (basic substance)</td>
<td>Morphine</td>
</tr>
<tr>
<td>GNK (substance)</td>
<td>Morphine HCl-3-H2O</td>
</tr>
<tr>
<td>GPK (GeneriekeProductKode, basic product)</td>
<td>Morphine injvlst 10mg/ml [contains morphine HCl-3-H2O 10 mg]</td>
</tr>
<tr>
<td>PRK (PRescriptieKode, prescription product)</td>
<td>Morphine injvlst 10mg/ml amp 1ml</td>
</tr>
<tr>
<td>HPK (HandelsProductKode, trade product)</td>
<td>Morphine HCl PCH injvlst 10mg/ml ampul 1ml</td>
</tr>
<tr>
<td>ZI-number</td>
<td>Morphine HCl PCH injvlst 10mg/ml ampul 1ml (10 st )</td>
</tr>
</tbody>
</table>
Developments for Z-Index in the Dutch market

1. G-Standaard Logic (in close cooperation with GS1)
2. International standards (ISO, Snomed, HL7, etc)
3. Medical and pharmaceutical decision rules
4. Collection and distribution of bilateral contract and declaration data
5. Counterfeit
6. Medication formulary for children (www.kinderformularium.nl)
Status Quo: Current Identification and Logistic data

G-Standaard contains 95,000 articles (of which about 15,000 medicines) of about 600 suppliers

- ZI-number
- Name
- Barcode (until now: HIBC-code for medicines)
- Orderdata
- Registration number
- etc.
The G-Standaard Logic: purpose

• One logistic standard for identification of products in the pharmaceutical chain

• Using the international standards of GS1 (GTIN, GLN, GDSN, eCom)

• Connecting the GS1 system to the G-Standaard to facilitate the implementation of GS1 Standards in the Netherlands

• One single point of entry (webportal) for the Dutch Healthcare market

• To collect and distribute pharmaceutical, prices – and declaration and logistic data
Development of the G-Standaard Logic

• Stichting ZorgDAS
  – Suppliers of specialties (Nefarma)
  – Suppliers of generics (Bogin)
  – Wholesalers (BG Pharma)
  – Pharmacists (KNMP)

• Committed to the joint initiative of GS1 Netherlands and Z-Index
G-Standaard Logic & GDSN

G-Standaard

GS1 DAS
Data pool
Powered by 1SYNC

GDSN

Recipient
Data Pool

GS1
Global
Registry™
One single point of entry
Geselecteerd

1. Koninklijke Ahold N.V. / Ahold Nederland B.V.
2. Metro Cash & Carry Nederland B.V.
3. Poiesz Supermarkten B.V.
4. Truus.nl
5. Van Tol B.V. Groothandel in levensmiddelen

Toon 10 rijen

Verwijderen

Beschikbaar

1. A.S. Watson
2. C.I.V. Superunie B.A.

Target market: NEDERLAND (NL)
Taal: Nederlands (nl)
Merknaam: VSM
Functionele productnaam: Gelei
GPC code: Homoeopathic/Homeopathic Remed
Gewichtsvariabel artikel: 

Opslaan Annuleren
Commitment: pilot parties
Commitment: suppliers
In contact with suppliers
What makes the G-Standaard Logic a succes?

• Initiative by and support from stakeholders in the Dutch Market
• Cooperation with benefits for both GS1 and Z-Index
• Implementation strategy based on joint actions throughout the healthcare chain
• And, the momentum is right!
Contact information

Z-Index b.v.
Alexanderstraat 14
2514 JL DEN HAAG
Tel. +31 70 3737400
Fax +31 70 3737401
Website: www.Z-Index.nl
E-mail: Bart.Diederen@Z-Index.nl