Which GTIN is this? Packaging Hierarchies

GS1 Ireland Healthcare Flashtalks: Webinar Series

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Introductions

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GS1 Ireland Healthcare Webinar Series: Which GTIN is this? Each, box or case?

**Agenda:**

- Packaging Hierarchies; each, box and case
- How the hierarchy may be represented
- Benefits of identification of packaging hierarchies using the GTIN
Which GTIN is this? Each, box or case?
A Global Trade Item Number (GTIN) is used for the unique identification of healthcare products worldwide. The GTIN is encoded in a standard barcode to enable scanning.

The GTIN is the primary device identifier for the majority of healthcare products.
A GTIN for every packaging level

Using a GTIN allows for the correct identification of products at every level of the hierarchy:

• Each,
• Box
• and case
The Packaging Hierarchy

<table>
<thead>
<tr>
<th>Single Unit/Each</th>
<th>Box</th>
<th>Case or Shipper</th>
<th>Pallet</th>
</tr>
</thead>
<tbody>
<tr>
<td>GTIN A</td>
<td>GTIN B</td>
<td>GTIN C</td>
<td>GTIN D</td>
</tr>
<tr>
<td>1</td>
<td>1 box containing 25 single units</td>
<td>1 case containing 2 boxes (total 50 single units)</td>
<td>1 pallet containing 18 cases (total 900 single units)</td>
</tr>
</tbody>
</table>
Barcodes used in Healthcare

Expiry, Batch, and serial number are often included

Healthcare is moving to a barcode with more traceability in one beep!

Recent HSE National Tender for medical consumables mandated GTIN for each product packaging level.
Benefits of using a GTIN to identify every level of packaging.
The challenge - misinterpretation of quantities

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<tr>
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<td>305905</td>
<td></td>
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<tr>
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<td></td>
<td>MT305905</td>
<td></td>
</tr>
<tr>
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<td>M-5905</td>
<td></td>
</tr>
<tr>
<td>QTY</td>
<td>1</td>
<td>25</td>
<td>50</td>
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Example: A hospital orders one unit but receives one box of 25 single units

What quantity does the code refer to?
The challenge - misinterpretation of quantities

- Supplier codes can be duplicate across suppliers and changes as it moves from manufacturer to healthcare provider
- Misinterpretation of quantities ordered as code is not linked to Unit of Measure
- Supplier code is not globally unique and is not in a standardised barcode
- Track and trace difficult

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What happens when there is NO GTIN?

- Supplier codes can be duplicate across suppliers and changes as it moves from manufacturer to healthcare provider
- Misinterpretation of quantities ordered as code is not linked to Unit of Measure
- Supplier code is not globally unique and is not in a standardised barcode
- Track and trace difficult

What quantity does the code refer to?
Why use a GTIN for every packaging level?

GTIN is always linked to a specific quantity/unit of measure

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Example:
A hospital scans GTIN A at patient bedside and order is replenished by one each (GTIN A)
Why use a GTIN for every packaging level?

### What happens when GTIN is linked to every packaging level?

- The GTIN is always linked to a specific quantity / unit of measure and changes for every level of packaging
- The GTIN identifier remains the same from manufacturer to patient
- Unique product identifiers (GTINs), printed on packaging and in standardised barcode
- Track and trace much easier

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**GTIN is always linked to a specific quantity / unit of measure**
Conclusion
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• The **GTIN is the unique identifier** across majority of medical devices and pharmaceuticals and is becoming a **mandatory requirement in tenders**

• A **different GTIN is required for each packaging level** and this addresses the issues around Unit of Measure

• There is some work involved for all in the supply chain but the **benefits are there for all from manufacturer to the point of care**

• **GS1 is available to support manufactures/distributors/hospitals** for any questions on implementation
Resources

Website
- Case Studies
- Guides
- Latest news and events
- Webinars
  www.gs1ie.org/healthcare

Newsletter
- Subscribe for quarterly news updates and relevant announcements
d36.co/13CXh

Social Media
- Twitter: @GS1Ireland_hc
- LinkedIn Group: GS1 Ireland Healthcare
- #Scan4Safety

Advisory Services
- On-site implementation support and advice
- Implementation specification design and/or review
- Barcode Verification
- Training and Education
How do I find my GTINs?
May 14th, 10.30am
Solution Provider Programme

Our Platinum Partners

Gold Partners

Solution Partners
Questions?