Global Medical Device Nomenclature (GMDN)

Dr Barry Daniels
Technical Lead
GMDN Agency
GMDN introduction
GMDN website
GMDN uses in UDI
Get from this:
To this?
Naming and grouping – The role of GMDN

**GMDN Code:** 35195  
**GMDN Term Name:** Electrocardiographic monitor  
**GMDN Term Definition:** A mains electricity (AC-powered) bedside device designed to continuously detect, measure, and display a patient’s electrocardiogram (ECG) through leads and sensors attached to the patient; it also typically displays heart rate. The device is typically equipped with audible and/or visual alarms that are triggered when the patient’s parameters drop below or exceed pre-set limits.
GMDN grouping (GMDN Term)

- The GMDN term defines a lowest level generic device group
- Many Products assigned to 1 GMDN term

Products assigned to 35195 Electrocardiographic monitor
Golden rule

Every device (placed on the market separately) should be assigned to a single GMDN term that represents that device.

☐ A thought: If you have the device in front of you and someone asked “What is that?” – would the GMDN term be a reasonable answer? Hopefully yes.
GMDN grouping (CT’s)

- Each GMDN term is linked to many higher level (broader) Collective terms (CT’s)
- CT’s arranged in a hierarchy
- Therefore each Collective term creates a broader group of devices

CT1444 Patient monitors/monitoring systems
CT314 Electrically powered/operated
What does GMDN give the user

The GMDN data gives the user (Regulator, Registry, Hospital, Manufacturer):

- A name and definition that describes the device clearly and succinctly without proprietary jargon (in up to 20 languages)
- A way to group the device at many levels (e.g., for inventory management, regulatory risk trending, recall analysis)
- A global solution:
  - Only one code needed worldwide
  - Allows for global analysis of data
  - Consistent communication of data across borders
Collective Terms

- GMDN uses **Collective Terms (CT’s)** to group/organize related Preferred terms:
  - By clinical application (e.g., cardiovascular devices)
  - By name (e.g., prosthesis, scissors, catheter)
  - By attribute (e.g., Material, Invasiveness, sterility, Use frequency)

- A hierarchical categorisation ...
Hierarchical classification
Collective Terms

Collective Term
Collective Term
Collective Term
Collective Term
Collective Term
Collective Term
Collective Term

Nomenclature
GMDN terms

GMDN Term
GMDN Term
GMDN Term
GMDN Term
GMDN Term
GMDN Term
GMDN Term
GMDN Term
GMDN Term
GMDN Term
GMDN Term
GMDN Term
GMDN Term
GMDN Term
CT relationships
GMDN Website

- Membership
- Search
- Explorer
- My Shortlist
- My Terms
- Enquiry
The Process for Manufacturer members

1. Logon to GMDN account
2. Search for an active GMDN term that accurately describes the device
3. Can you find a term?
   - Yes: Click – add to shortlist and purchase from shortlist
   - No: Make an Enquiry using the Enquiry wizard
4. Communicate with GMDN team until enquiry finalized

Yes

No
## Membership

**Is my organisation already a member?**

<table>
<thead>
<tr>
<th>Membership Type</th>
<th>- Select -</th>
</tr>
</thead>
</table>

<table>
<thead>
<tr>
<th>Annual Sales</th>
<th></th>
</tr>
</thead>
</table>

<table>
<thead>
<tr>
<th>Additional Info</th>
<th></th>
</tr>
</thead>
</table>

<table>
<thead>
<tr>
<th>Currency</th>
<th>Euro (EUR)</th>
</tr>
</thead>
</table>

<table>
<thead>
<tr>
<th>Total</th>
</tr>
</thead>
</table>

**Method**

- Credit Card
- Invoice
- Quote

MasterCard, Visa (EUR, GBP, USD), Amex (USD), JCB, Maestro (GBP).

<table>
<thead>
<tr>
<th>Purchase Order</th>
<th></th>
</tr>
</thead>
</table>

Invoice purchase order number (optional).
GMDN Website – User Management

Users.
Manage your users.

You have 3 remaining user credit(s). Request User Credits

<table>
<thead>
<tr>
<th>Full Name</th>
<th>Email</th>
<th>Group</th>
<th>Job Title</th>
<th>Edit Permission</th>
<th>Edit</th>
</tr>
</thead>
<tbody>
<tr>
<td>Test One</td>
<td><a href="mailto:test1@gmdnagency.org">test1@gmdnagency.org</a></td>
<td>Team 2</td>
<td></td>
<td>Users; Orders; Terms; Enquiry</td>
<td></td>
</tr>
<tr>
<td>Test Two</td>
<td><a href="mailto:test2@gmdnagency.org">test2@gmdnagency.org</a></td>
<td>Team 1</td>
<td>Terms, Enquiry</td>
<td></td>
<td></td>
</tr>
</tbody>
</table>
The Process for Manufacturer members

1. Logon to GMDN account
2. Search for an active GMDN term that accurately describes the device
3. Can you find a term?
   - Yes: Click – add to shortlist and purchase from shortlist
   - No: Make an Enquiry using the Enquiry wizard
4. Communicate with GMDN team until enquiry finalized

Yes

No
Search

Find device definitions by keyword(s).

"cardiac catheter"

Examples: stent ; aorta OR stent ; aorta stent ; "aortic stent" ; catheter -catheterization ; 45678 ; " stent "
Note: Translations may not be available for some terms.

1-25 of 26 term(s)

Cardiac catheterization laboratory computer
Cardiac catheterization mobile medical facility
Cardiac catheterization monitoring system
Chamber-decompression cardiac catheter
Diagnostic ultrasound cardiac catheter, non-steerable
## Term Details

<table>
<thead>
<tr>
<th><strong>Name</strong></th>
<th>Butterfly skin-closure adhesive strip</th>
</tr>
</thead>
<tbody>
<tr>
<td><strong>Definition</strong></td>
<td>A small, narrow piece of flexible material covered on one side with a pressure-sensitive adhesive, and with broad, wing-shaped ends that function to approximate the edges of a superficial wound. The device may be hypoallergenic and/or waterproof. This is a single-use device.</td>
</tr>
<tr>
<td><strong>Code</strong></td>
<td></td>
</tr>
<tr>
<td><strong>Status</strong></td>
<td>Active</td>
</tr>
<tr>
<td><strong>Created Date</strong></td>
<td>2005-01-14</td>
</tr>
<tr>
<td><strong>Modified Date</strong></td>
<td>2011-10-04</td>
</tr>
</tbody>
</table>

Note: Terms in "My Archive" do not generate Alerts.

**Explorer Groups**

- Device Applications / Body tissue manipulation and repair devices / Dressings and associated devices / Dressings / Dermal dressings / Skin closure/cover adhesive strips
- Device Applications / Disability-assistive products / Personal care and protection assistive products / Skin cleaning/protecting devices
- High-Level Device Groups / Adhesive strips / Skin closure/cover adhesive strips
Explorer

Browse device definitions by group.

1-4 of 4 term(s)

- Butterfly skin-closure adhesive strip
- Skin-closure adhesive strip
- Skin-cover adhesive strip
- Skin-cover adhesive strip, antimicrobial

Explorer
Common mistake 1

A GMDN term for a system term applied to a component of the system

Example:

Complete system

System electrical cable

60784 Cardiac radio-frequency ablation system

47487 Medical device electrical cable, reusable
Common mistake 2

Multiple terms assigned to a device (often with kits, systems or implant sets)

Example (in GUDID):

- **GMDN Terms:**
  - Basic coronary angioplasty balloon catheter
  - Drug-eluting coronary artery stent, non-bioabsorbable-polymer-coated

![Example of GMDN terms in a GUDID format](image)
Common mistake 2

Multiple terms assigned to a device (often with kits, systems or implant sets)

56284
Drug-eluting coronary artery stent, non-bioabsorbable-polymer-coated

A sterile non-bioabsorbable metal tubular mesh structure covered with a non-bioabsorbable polymer and a drug coating that is designed to be implanted, via a delivery catheter, into a coronary artery (or saphenous vein graft) to maintain its patency typically in a patient with symptomatic atherosclerotic heart disease. The drug coating is slowly released and intended to inhibit restenosis by reducing vessel smooth muscle cell proliferation. Disposable devices associated with implantation may be included.
Common mistake 3

Judging the term by the name without review of the definition

Ophthalmic use

33961
General surgical procedure kit, non-medicated, single-use
A general-purpose collection of various sterile surgical instruments, dressings, and materials intended to be used to assist a range of surgical procedures across multiple clinical specialities. It does not contain pharmaceuticals. This is a single-use device.

Is this term more appropriate?
Ophthalmic surgical procedure kit, non-medicated, single-use
My Shortlist

Compare and review your chosen definitions before purchase.

You have 39 remaining code credits. Buy Code Credits

<table>
<thead>
<tr>
<th>Term</th>
<th>Details</th>
<th>Buy</th>
<th>Remove</th>
</tr>
</thead>
<tbody>
<tr>
<td>Butterfly skin-closure adhesive strip</td>
<td>Details</td>
<td>Buy</td>
<td>Remove</td>
</tr>
<tr>
<td>A small, narrow piece of flexible material covered on one side with a pressure-sensitive adhesive, and with broad, wing-shaped ends that function to approximate the edges of a superficial wound. The device may be hypoallergenic and/or waterproof. This is a single-use device.</td>
<td></td>
<td></td>
<td></td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>Term</th>
<th>Details</th>
<th>Buy</th>
<th>Remove</th>
</tr>
</thead>
<tbody>
<tr>
<td>Skin-closure adhesive strip</td>
<td>Details</td>
<td>Buy</td>
<td>Remove</td>
</tr>
<tr>
<td>A small, narrow flexible band (of fabric, plastic, paper, or other material) coated on one side with a pressure-sensitive adhesive, used to approximate the edges of superficial wounds. The device may be hypoallergenic and/or waterproof. This is a single-use device.</td>
<td></td>
<td></td>
<td></td>
</tr>
</tbody>
</table>
My Terms

View your purchased GMDN Codes for your devices.

Export  Sort  Purchase Date

5 term(s)

Arthroscopic gas distention system (55555) 2016-05-19
Abdominal aorta endovascular stent-graft (55555) 2016-05-19
Antibody-coated coronary artery stent (55555) 2016-05-19
Aortic transcatheter heart valve bioprosthesis, stent-like framework (55555) 2016-05-19
Antibody-coated coronary artery stent, drug-eluting (55555) 2016-05-19

Details  Details  Details  Details  Details
The Process for Manufacturer members

1. Logon to GMDN account
2. Search for an active GMDN term that accurately describes the device
3. Can you find a term?
   - Yes: Click – add to shortlist and purchase from shortlist
   - No: Make an Enquiry using the Enquiry wizard
4. Communicate with GMDN team until enquiry finalized
GMDN Website - Enquiry

- Search first – if can’t find suitable term use Enquiry.
- Enquiry is the only way to get help from the GMDN Agency for assigning Terms to products. The outcome will be:
  - An appropriate existing Term.
  - Modification of an existing Term to include the new product’s characteristics.
  - A new GMDN Term is created.
Enquiry - list

Can’t find a term for your product?

New Enquiry

Make sure you have used the Search and Browse – if you still can’t find a suitable term use this ‘enquiry wizard’ to tell us about your product and we will get back to you with a suitable term. It will usually take us about 3 weeks before we can supply you with a term/code.

Note: We only accept enquiries in English at the present time.

<table>
<thead>
<tr>
<th>Ref</th>
<th>Status</th>
<th>Modified Date</th>
<th>Submitted Date</th>
<th>Generic Device Name</th>
<th>User</th>
<th>View</th>
</tr>
</thead>
<tbody>
<tr>
<td>EQ160028</td>
<td>In Progress</td>
<td>29 Feb 2016</td>
<td>29 Feb 2016</td>
<td>bone plus tendon</td>
<td>Mr. Test A One</td>
<td>View</td>
</tr>
<tr>
<td>EQ160026</td>
<td>In Progress</td>
<td>28 Jan 2016</td>
<td>28 Jan 2016</td>
<td>bd test 28_1_1</td>
<td>Mr. Test A One</td>
<td>View</td>
</tr>
<tr>
<td>EQ160025</td>
<td>Finished</td>
<td>26 Jan 2016</td>
<td>26 Jan 2016</td>
<td>bdtest1</td>
<td>Mr. Test A One</td>
<td>View</td>
</tr>
</tbody>
</table>
Enquiry - step 1

Product details.

- **Your Email**: test1@gmdnagency.org
  
  - My Profile

- **Generic Device Name**

- **Make**

- **Model**

- **Trade Name**

- **Files**: Choose Files No file chosen
  
  We must have product documentation (e.g., IFU, brochure) which includes an image.

- **Url**
  
  http://www.example.com

- **Reason**
Enquiry - choice

Step 2
- Software details
- In vitro diagnostic (IVD) (not capital goods)
- Similar to existing Term
- Device details

Please choose your enquiry type to proceed to the next step.
Enquiry - software

Software details:
- Used For:
- Functionality:
- Technology:
- Platform: - Select -
- Features: - Multi Select -
- Additional:
Enquiry - IVD

In vitro diagnostic (IVD) details.

- Nature of Device
- Target Analyte
- Components
- Components (Other)
- Assay Type / Methodology
- Clinical application
- Usage
- Additional

Back  Cancel  Next
Enquiry – similar term

Similar to existing term.

Use this form if you have found a similar or related existing GMDN term and can tell us how/why your product is not covered by that term.

My Terms

Search

Search and add term from GMDN terms.

Name

Bare-metal biliary stent

Definition

A sterile non-biodegradable tubular device intended to be implanted in an obstructed biliary duct (e.g., common bile duct) to maintain luminal patency. It may be a mesh structure or a continuous tube and is made entirely of metal [e.g., high-grade stainless steel, cobalt-chrome (Co-Cr), nickel-titanium alloy (NiTiAl)]. It may be expandable in situ (e.g., with a balloon catheter or self-expands) and disposable devices intended to assist implantation may be included.

470 / 700

Modify the definition above and explain below, or specify differences / additions.

Additional
**Enquiry - details**

**Device details.**

<table>
<thead>
<tr>
<th>Intended Use / Target</th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>Components</th>
<th>Name</th>
<th>Use Frequency</th>
<th>Sterility</th>
<th>Invasiveness</th>
<th>Sold Separately</th>
<th>Power</th>
<th>Materials</th>
</tr>
</thead>
<tbody>
<tr>
<td>Add</td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
</tbody>
</table>

*Please complete this table to include all components only if supplied separately, i.e. outside of the system or kit.*

**Key Attributes**

- Multi-Select -

**Additional**

<p>| |</p>
<table>
<thead>
<tr>
<th></th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
</tr>
</tbody>
</table>
Enquiry

Update your product enquiry.

Ref: EQ160023
Status: Finished
Provisional Term(s): Descending thoracic aorta endovascular stent-graft

User: GMDN test Academic

Message:

Files: Supports images, Adobe Acrobat, Microsoft Word.

Send
## Term Details

This term is in your shortlist.

<table>
<thead>
<tr>
<th><strong>Name</strong></th>
<th>Descending thoracic aorta endovascular stent-graft</th>
</tr>
</thead>
<tbody>
<tr>
<td><strong>Definition</strong></td>
<td>A sterile non-bioabsorbable tubular device implanted to repair the descending thoracic aorta [includes repair of thoracic aortic aneurysm (TAA), traumatic transsections/dissections, fistulae, penetrating ulcers]. It is percutaneously inserted via the femoral artery to the site of implantation, with a disposable delivery device, where it self-expands or is balloon-expandable. It is typically made of a metal alloy [e.g., nickel-titanium alloy (Nitinol)] that forms an outer mesh structure with an inner synthetic polymer tube (endovascular graft). It is typically designed as a single continuous tube for insertion into the thoracic aorta and may be used in singular or modular configurations.</td>
</tr>
<tr>
<td><strong>Code</strong></td>
<td></td>
</tr>
<tr>
<td><strong>Status</strong></td>
<td>Active</td>
</tr>
<tr>
<td><strong>Created Date</strong></td>
<td>04 Aug 2009</td>
</tr>
<tr>
<td><strong>Modified Date</strong></td>
<td>04 Jan 2013</td>
</tr>
</tbody>
</table>
Changes to GMDN data

- Develop new terms (average 2-3 day)
- We only modify existing Terms (average 3-4 day)
  - To increase the scope / improve the definitions
- We obsolete Terms (average 10/m or 0.5% per year)
  - To remove ambiguity / term overlap
- GMDN is dynamic and current to keep up with innovation
- Members are notified about changes...
Notifications to manufacturers

- You will receive alerts relating to any changes

  - All changes will be seen at the alerts page on your account
  - Notification e-mails will be sent out - ensure these are received by the appropriate person
  - You also will receive a monthly newsletter by e-mail detailing these changes
Regulator updates

- Dataset for regulators:
  - Monthly updates:
    - Full dataset
    - Delta
  - FTP
  - API in development
Term details - amendments

Alerts

Notifications about your account and purchased terms.

To subscribe to email notifications, please see My Profile.

System News

The new GMDN Website – Website launch date – 18 December 2016

02 Dec 2016

Dear Customers, After some time in development we are pleased to announce the GMDN website is going to be upgraded in the next few weeks. The expected launch date is Sunday 18th December 2016. Here is a list of some of the improvements we have made, many following your suggestions:

- Better site navigation, with a simple Start menu
- A free Enquiry service for a quicker response to requests for new terms
- New Search tools, including better use of Collective Terms
- Easier management of users and their permissions
- Ability to Archive terms you no longer use
- New Alerts and less reliance on email communication
- Self-service for all invoicing and account management
- A website fully translated for your convenience
- Better navigation for translated terms
- We have a transition guide ‘What’s Changed’ and other guides and videos are available on the website if needed.

All your existing GMDN data and user information will be transferred to the new website at the same address https://www.gmdnagency.org and you will be able to login using your existing username (or alternatively email address) and password. The website will be unavailable for the weekend of 17 & 18 December while we do the data transfer, so sorry of any inconvenience this might cause. After the launch of the site, please let us know if you are experiencing any difficulty or you want any further improvements made and we will try to put any changes in place as quickly as possible. Please can you use the dedicated email address webmaster@gmdnagency.org if possible, but we will be providing an extended duration (7am until 7pm UTC) customer service helpline on our usual number +44 1235 799799 if needed.

My Account

Your account expires in 23 days. Buy Membership

You have 15 remaining code credits. Buy Code Credits

You have 4 remaining user credits. Request User Credits

My Terms

Modified - 24 Jan 2017 - intracerebral infusion/drainage catheter, long-term AMEND (61376)

Purchased - 05 Dec 2016 - intracerebral infusion/drainage catheter, long-term AMEND (61376)
Term Details

You purchased this term on 05 Dec 2016

<table>
<thead>
<tr>
<th>Name</th>
<th>Intracerebral infusion/drainage catheter, long-term AMEND</th>
</tr>
</thead>
<tbody>
<tr>
<td>Definition</td>
<td>A sterile, flexible tube intended to be surgically inserted through the skull for long-term (&gt; 30 days) subdural access to the brain (e.g., cerebral ventricles, cystic tumours) for cerebrospinal fluid (CSF) drainage and/or infusion of materials (e.g., chemotherapeutic agents). It is typically used for measurement of intracranial pressure (ICP) and as part of a shunt system. It may include an attached port/reservoir at its proximal end that is placed subcutaneously to facilitate material infusion/collection, and/or accessory devices intended to facilitate catheter introduction and/or stabilization (e.g., stylet, catheter holder). It does not include a sensor. This is a single-use device.</td>
</tr>
<tr>
<td>Code</td>
<td>61376</td>
</tr>
<tr>
<td>Status</td>
<td>Active</td>
</tr>
<tr>
<td>Created Date</td>
<td>16 Dec 2014</td>
</tr>
<tr>
<td>Modified Date</td>
<td>24 Jan 2017</td>
</tr>
</tbody>
</table>

Previous Version

<table>
<thead>
<tr>
<th>Name</th>
<th>Intracerebral infusion/drainage catheter, long-term</th>
</tr>
</thead>
<tbody>
<tr>
<td>Definition</td>
<td>A sterile, flexible tube intended to be surgically inserted through the skull for long-term (&gt; 30 days) subdural access to the brain (e.g., cerebral ventricles, cystic tumours) for cerebrospinal fluid (CSF) drainage and/or infusion of materials (e.g., chemotherapeutic agents). It is typically used for measurement of intracranial pressure (ICP) and as part of a shunt system. It may include an attached port/reservoir at its proximal end that is placed subcutaneously to facilitate material infusion/collection, and/or accessory devices intended to facilitate catheter introduction and/or stabilization (e.g., stylet, catheter holder). It does not include a sensor. This is a single-use device.</td>
</tr>
</tbody>
</table>
My term has been made obsolete

Again from your ‘Alerts’ page open ‘Term Details’

Name: Abdominal wall prosthesis

Definition: A sterile implantable device intended to substitute for part of the abdominal wall. It is made of synthetic polymer materials such as polytetrafluoroethylene (PTFE) or expanded polytetrafluoroethylene (ePTFE), and is used to close large abdominal wall defects that result from, e.g., trauma, tumour resection, or complications of previous surgery.

Code: 35604

Status: Obsolete

Explorer Groups:
- By Name / Prostheses and associated devices / Prostheses / Implantable prostheses
- By Use / Body tissue manipulation and reparation devices / Surgical mesh and associated devices
- Clinical Specialties / General/Plastic surgery
- Device Attribute Assortment / Implantable / Non-active implantable
- Device Attribute Assortment / Single-patient use
- Device Attribute Assortment / Surgical
- Device Invasiveness / Surgical invasive / Long-term surgical invasive
- Device Materials / Inorganic materials / Synthetic polymers / Plastics
- Device Sterility / Sterile
How should you manage GMDN Term changes?

- Who needs to receive notifications? (update your account)
- How is this communicated internally?
- GMDN is a data element in the DI record that can be edited after the Grace Period.
- Labelers are required (per UDI Rule) to keep their device information current and correct with any data that may have changed.
GUDID

- US FDA UDI

- Database = GUDID
  - Mandatory field on record submission
SEARCH RESULTS FOR: drug-eluting coronary artery stent, non-bioabsorbable-polymer-coated (722 results)

Company Name
Brand Name
GMDN Term
FDA Product Code Name
FDA Product Code
Device Packaged as Sterile
Sterilization Prior To Use
Issuing Agency

**XIENCE ALPINE – 0871648200380**
XIENCE Alpine Everolimus Eluting *Coronary Stent* System 4.00 mm x 38 mm / Over-The-Wire
Company Name: ABBOTT VASCULAR INC.
Version or Model: 1145400-38

**XIENCE ALPINE – 0871648200373**
XIENCE Alpine Everolimus Eluting *Coronary Stent* System 4.00 mm x 33 mm / Over-The-Wire
Company Name: ABBOTT VASCULAR INC.
Version or Model: 1145400-33

**XIENCE ALPINE – 0871648200366**
XIENCE Alpine Everolimus Eluting *Coronary Stent* System 4.00 mm x 28 mm / Over-The-Wire
Company Name: ABBOTT VASCULAR INC.
Version or Model: 1145400-28

**XIENCE ALPINE – 0871648200359**
XIENCE Alpine Everolimus Eluting *Coronary Stent* System 4.00 mm x 23 mm / Over-The-Wire
Company Name: ABBOTT VASCULAR INC.
Version or Model: 1145400-23

**XIENCE ALPINE – 0871648200342**
XIENCE Alpine Everolimus Eluting *Coronary Stent* System 4.00 mm x 18 mm / Over-The-Wire
Company Name: ABBOTT VASCULAR INC.
Version or Model: 1145400-18
FDA GUDID August 2017

- DI records: 1,895,416
- Unique GMDN codes: 8,187
- Therefore ratio = 1:232

- Active implantable device records: 2,813
- Non-active implantable device records: 524,094
- IVD device records: 24,817
GMDN Agency working with the FDA

- Leverage of UDI data for downstream users e.g. registries, hospitals
- Started with “RAPID project” (Pilot study MDEpiNet)
  - Trial project for peripheral vascular intervention (PVI) registry
  - Focus on peripheral stents
- FDA have now created a “Learning UDI Community” initiative with a focus on GMDN led device categorisation

Helping to improve GMDN definitions and user assignment of terms.
Device Identification - UDI

GMDN CTs → GMDN Terms → Devices
A device has a new component – Shared Data

Publically shared data (inc. GMDN term assignment) sent to Regulators and Customers (e.g., via GDSN)
GMDN in Hospitals

- **Asset Management**
  - Support equipment commissioning
  - Help identify equipment location
  - Support maintenance programmes

- **Inventory Control**
  - Reduce wastage
  - Translate product labels with poor descriptions
  - Improve stock control

- Replace existing inventory classification with an externally managed globally recognized nomenclature
Equipment Commissioning

Nottingham University Hospitals NHS Trust
What’s UDI?

A UDI ISSUING AGENCY provides THE MANUFACTURER with A UNIQUE NUMBER to be put in A BARCODE for THE DEVICE allowing accurate RETRIEVAL of DEVICE DATA from A DATABASE.
What does the GMDN do?

A DEVICE is assigned to a GMDN Term within a DATABASE which creates a GENERIC DEVICE GROUP and allows for HARMONIZED NAMING.

**GMDN Code:** 35195  
**GMDN Term Name:** Electrocardiographic monitor  
**GMDN Term Definition:** A mains electricity (AC-powered) bedside device designed to continuously detect, measure, and display a patient's electrocardiogram (ECG) through leads and sensors attached to the patient; it also typically displays heart rate. The device is typically equipped with audible and/or visual alarms that are triggered when the patient's parameters drop below or exceed pre-set limits.

WHAT IS IT?

WORLDWIDE

GMDN
What’s the GMDN Process?

| THE GMDN Term | is assigned to | THE DEVICE | by | THE MANUFACTURER |

GMDN Code: 35195
GMDN Term Name: Electrocardiographic monitor
GMDN Term Definition: A mains electricity (AC-powered) bedside device designed to continuously detect, measure, and display a patient's electrocardiogram (ECG) through leads and sensors attached to the patient; it also typically displays heart rate. The device is typically equipped with audible and/or visual alarms that are triggered when the patient’s parameters drop below or exceed pre-set limits.

for | REGULATORS | and | HOSPITALS |

WORLDWIDE
GMDN is improving communication

- GMDN is now the global language
Thank you for listening

Any questions now?

Website: gmdnagency.org
☐ Enquiry – product/term
☐ Contact us – anything else