DataBase of Priscription Drugs and Medical Devices in Japan

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Manager of Standardization Promotion Dept.
The Medical Information Systems Development Center (MEDIS-DC)
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Outline of MEDIS-DC

- Founded JUL. 15. 1974
- Supported by MHLW and METI
- Cooperated with Scientific Society (JAMI, JRS, JSRT, etc)
- Cooperated with Industrial Society (JHIS, JIRA, etc)
- Cooperated with other related healthcare organizations
Position of MEDIS-DC

- Health academic society
- Industry
- Government
- Health service provider
- Patient/Consumer

MEDIS-DC
Role of MEDIS-DC

Standardization of terminology and code

- Master of disease
- Master of surgery and treatment
- Master of drug (HOT code)
- Master of clinical laboratory
- Medical device Database, etc
It’s important to speak the same language
PriscRIPTION Drugs

Standard code of PriscRIPTION drugs (HOT code)
DB

PriscRIPTION drugs code for Patient Safety
(GS1-128, DataBar, etc)
DB
Standard code of Prescription drugs (excluding OTC drugs)

- The key codes of the master is HOT codes,
- Each of which corresponds to that of the JAN codes (Japanese Article Number system) that is used to identify articles in commercial distribution.
HOT code

1 3 figures

JAN code

Receipt code

YJ code

Drug tariff code
We can use HOTcode separately
HOT 7 : Ordering 7 figure

HOT 9 : Company 2figure
- Drug tariff code: 3122007F1024
- Notice name: 5 mg アリナミン F 糖衣錠
- Company: TAKEDA
- YJ code: 3122007F1024
- Brandname: 5 mg アリナミン F 糖衣錠

HOT 11 : Immediate container unit 2figure
- Bottle: 500 Tab. 1 bottle

HOT 13 : Package unit 2figure
- Correspond to JAN
<table>
<thead>
<tr>
<th>BRAND NAME</th>
<th>COMPANY</th>
<th>Immediate Container Unit</th>
<th>Package Unit</th>
<th>JANcode</th>
<th>HOT</th>
</tr>
</thead>
<tbody>
<tr>
<td>A tab. 50mg</td>
<td>X</td>
<td>PTP 10Tab. Sheet</td>
<td>50Tab.</td>
<td>4987999888818</td>
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<tr>
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<td></td>
<td></td>
<td>100 Tab.</td>
<td>4987999888825</td>
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<td></td>
<td>PTP 21Tab. Sheet</td>
<td>210 Tab.</td>
<td>4987999888832</td>
<td>1234567</td>
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<td>Bottle 500Tab.</td>
<td>500 Tab.</td>
<td>4987999891115</td>
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<tr>
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<td>PTP 10Tab. Sheet</td>
<td>100 Tab.</td>
<td>4987999888917</td>
<td>1234000</td>
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</table>

**HOT**

<table>
<thead>
<tr>
<th>7</th>
<th>9</th>
<th>11</th>
<th>13</th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
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<td>01</td>
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</tbody>
</table>
Around 50 thousand Prescription drugs are registered with JANcodes
How to use

• Ordering

• Drug administration
Patient Safety code

Ministry of Health, Labour and Welfare (MLHW) made a public notification in August 2006 that GS1 codes (GS1-128 and RSS, etc.) should appear on the package of pharmaceuticals, and that bar codes should be printed to the package and label of injections from the shipment starting in Sept. 2008
The indication of codes and barcodes, which is primarily for commercial purpose, can also be regarded as promoting patient safety and product traceability.
Medical Devices

Standard code of Medical devices DB

Medical devices code for traceability (GS1-128, DataBar, etc) DB
No. of Items registered in the Data Base exceeds 540,000

Total No. of registered Items ; 542,990

Items registered in MEDIS-DC Data Base (as of Sep. 22, 2008)

Medical Equipments ; 8,835

Medical Apparatus ; 480,877

In vitro Diagnostics ; 6,478

Miscellaneous ; 46,800
Examples of Marking

- **Terumo**: 20ml SS-50ES
- **3M Healthcare**: Tegaderm Transparent Dressing
- **Alcare**: Castlight-α
- **Zuo**: Hip Joint Prosthesis
A similar notification on medical devices was previously issued by MHLW in March 2008.
Thank you very much for your kind attention
Contact details

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