

# Health & Care Information Model:

## nl.zorg.part.PharmaceuticalProduct-v2.2

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# Content

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# 1. nl.zorg.part.PharmaceuticalProduct-v2.2

|                                 |  |
|---------------------------------|--|
| DCM::CoderList                  | Projectgroep Medicatieproces   |
| DCM::ContactInformation.Address |  |
| DCM::ContactInformation.Name    | *  |
| DCM::ContactInformation.Telecom |  |
| DCM::ContentAuthorList          | Projectgroep Medicatieproces   |
| DCM::CreationDate               | 1-3-2017   |
| DCM::DeprecatedDate             |  |
| DCM::DescriptionLanguage        | nl   |
| DCM::EndorsingAuthority.Address |  |
| DCM::EndorsingAuthority.Name    | PM   |
| DCM::EndorsingAuthority.Telecom |  |
| DCM::Id                         | 2.16.840.1.113883.2.4.3.11.60.40.3.9.7                                   |
| DCM::KeywordList                | FarmaceutischProduct   |
| DCM::LifecycleStatus            | Final  |
| DCM::ModelerList                | Architectuurgroep Registratie aan de Bron                                |
| DCM::Name                       | nl.zorg.part.FarmaceutischProduct  |
| DCM::PublicationDate            | 10-06-2022   |
| DCM::PublicationStatus          | Prepublished   |
| DCM::ReviewerList               | Projectgroep Medicatieproces & Architectuurgroep Registratie aan de Bron |
| DCM::RevisionDate               | 06-06-2022   |
| DCM::Supersedes                 | nl.zorg.part.FarmaceutischProduct-v2.1.3                                 |
| DCM::Version                    | 2.2  |
| HCIM::PublicationLanguage       | EN   |

## 1.1 Revision History

Publicatieversie 1.0 (04-09-2017)

Publicatieversie 2.0 (31-12-2017)

Bevat: ZIB-472, ZIB-618.

Publicatieversie 2.1 (06-07-2019)

Bevat: ZIB-781, ZIB-788, ZIB- 792, ZIB-795, ZIB-796, ZIB-797.

Publicatieversie 2.1.1 (31-01-2020)

Bevat: ZIB-789.

Publicatieversie 2.1.2 (01-09-2020)

Bevat: ZIB-911.

Publicatieversie 2.1.3 (01-12-2021)

Bevat: ZIB-1452.

Publicatieversie 2.2 (10-06-2022)

Bevat: ZIB-1453, ZIB-1651, ZIB-1726.

## 1.2 Concept

The prescribed substance is usually medication. However, medical aids and bandages can also be prescribed and supplied via the pharmacy. Food and blood products do not strictly belong in the medication category, but can be prescribed and supplied by a pharmacy as well.

A type of medication can be indicated with a **single code**. That code can be chosen from several possible coding systems (concretely: GPK, PRK, HPK or article numbers). Correct use of these codes in the software systems will sufficiently record the composition of the product used, making a complete product specification unnecessary.

In addition to a primary code, **alternative codes** from other coding systems can also be entered (so that the GPK can be sent along in the event that the patient was registered based on PRK, for example).

Entering multiple ingredients will enable you to display a compound product. If one of the composite parts is liquid, the dosage will be given in milliliters; otherwise it will be given in 'units'.

In that case, the **composition of the medication** can be specified implicitly (with the use of a medication code) or explicitly, for example by listing the (active) ingredient(s) of the medication.

**Magistral prescriptions** can be entered as well. This can be done by means of the option listed above to enter coded ingredients and/or by entering the composition and preparation method as free text. This is a partial information model

## 1.3 Mindmap

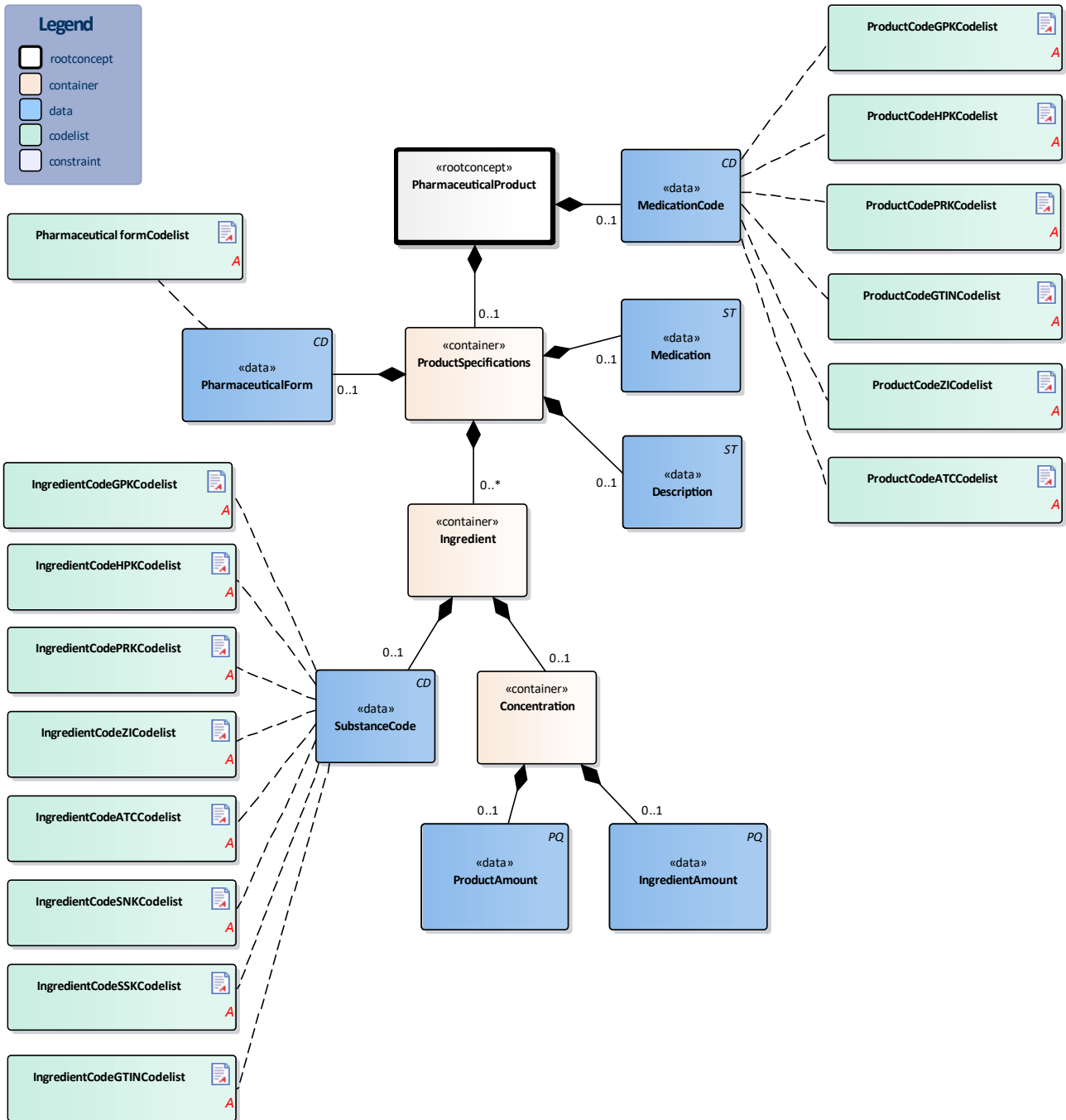
## 1.4 Purpose

The purpose of Product is to unambiguously describe the medication to be used.

## 1.5 Patient Population

## 1.6 Evidence Base

## 1.7 Information Model



|                       |   |
|-----------------------|---|
| <b>«rootconcept»</b>  | <b>PharmaceuticalProduct</b>  |
| <b>Definitie</b>      | Root concept of the PharmaceuticalProduct partial information model. This root concept contains all data elements of the PharmaceuticalProduct partial information model. |
| <b>Datatype</b>       |   |
| <b>DCM::ConceptId</b> | NL-CM:9.7.19926   |
| <b>Opties</b>         |   |

|                  |   |
|------------------|---|
| <b>«data»</b>    | <b>MedicationCode</b>   |
| <b>Definitie</b> | <p>Coding medication in the Netherlands is done on the basis of the G standard (issued by Z-index), which is filled under the direction of KNMP.</p> <p>The coded medication can be expressed as:</p> <ul style="list-style-type: none"> <li>• GTIN International Article Number</li> <li>• ZI-nummer (2.16.840.1.113883.2.4.4.8)</li> <li>• Trade product code (HPK)</li> <li>• Prescription code (PRK)</li> </ul> |

|                          |  |
|--------------------------|--|
|                          | <ul style="list-style-type: none"> <li>• Generic product code (GPK)</li> <li>• Anatomic Therapeutic Classification code (ATC)</li> <li>• Substance Name Code (SNK)</li> <li>• Substance Name Code, in combination with Route of Administration (SSK)</li> <li>• SNOMED CT code</li> </ul> <p>The GTIN enables identification of the product including its origin with a barcode.</p> <p>The ZI number represents the tradeproduct and the package size.</p> <p>The HPK is the code for the trade product (with the brand name) as used per dose/per time the medication is taken (1 pill, 1 puff, 1ml)</p> <p>The PRK contains als GPK information supplemented with information needed to prescribe the right product. this level is intended to facilitate generic prescription of drugs.</p> <p>The GPK defines the pharmaceutical characteristics of a product: ingredients, strengths, units, pharmaceutical form and route of administration.</p> <p>The Substance Name Code (SNK) is the (active) compound.</p> <p>Further information about the G-Standaard levels see <a href="https://www.z-index.nl">https://www.z-index.nl</a></p> <p>So called 90.000.000 numbers are used in local IT systems. These numbers shall not be used for external communication. In the this is necessary only the description (not the code) may be included. This is in accordance with national agreements (Nictiz Standard).</p> |
| <b>Datatype</b>          | CD   |
| <b>DCM::ConceptId</b>    | NL-CM:9.7.19927  |
| <b>DCM::ExampleValue</b> | PRK 67903 PARACETAMOL<br>TABLET 500MG  |
| <b>DCM::ValueSet</b>     | ProductCodeATCCodelist<br>OID:<br>2.16.840.1.113883.2.4.3.11.60.40.2.9.7.7   |
| <b>DCM::ValueSet</b>     | ProductCodePRKCodelist<br>OID:<br>2.16.840.1.113883.2.4.3.11.60.40.2.9.7.3   |
| <b>DCM::ValueSet</b>     | ProductCodeGTINCodelist<br>OID:<br>2.16.840.1.113883.2.4.3.11.60.40.2.9.7.2  |
| <b>DCM::ValueSet</b>     | ProductCodeGPKCodelist<br>OID:<br>2.16.840.1.113883.2.4.3.11.60.40.2.9.7.6   |
| <b>DCM::ValueSet</b>     | ProductCodeHPKCodelist<br>OID:<br>2.16.840.1.113883.2.4.3.11.60.40.2.9.7.5   |
| <b>DCM::ValueSet</b>     | ProductCodeZICodelist<br>OID:<br>2.16.840.1.113883.2.4.3.11.60.40.2.9.7.1  |
| <b>Opties</b>            |  |

|                       |  |
|-----------------------|--|
| <b>«container»</b>    | <b>ProductSpecifications</b>   |
| <b>Definitie</b>      | <p>Container of the ProductSpecifications concept. This container contains all data elements of the ProductSpecifications concept.</p> <p>Product specifications are required if the product code is not sufficient to ascertain the active substances and strength.</p> |
| <b>Datatype</b>       |  |
| <b>DCM::ConceptId</b> | NL-CM:9.7.19928  |
| <b>Opties</b>         |  |

|                  |  |
|------------------|--|
| <b>«data»</b>    | <b>PharmaceuticalForm</b>  |
| <b>Definitie</b> | The pharmaceutical form indicates the form of the medication. Examples include: tablet, suppository, infusion liquid, ointment. If the product has a |

|                          |   |  |
|--------------------------|---|--|
|                          | GPK code in the G standard, the form will be known in the G standard. For products without a code (free text, preparation by the pharmacy), the means of administration can be entered. |  |
| <b>Datatype</b>          | CD  |  |
| <b>DCM::ConceptId</b>    | NL-CM:9.7.19931   |  |
| <b>DCM::ExampleValue</b> | 230 (TABLET)  |  |
| <b>DCM::ValueSet</b>     | Pharmaceutical formCodelist   | OID:<br>2.16.840.1.113883.2.4.3.11.60.40.2.9.7.8 |
| <b>Opties</b>            |   |  |

|                          |   |  |
|--------------------------|---|--|
| <b>«data»</b>            | <b>Medication</b>   |  |
| <b>Definitie</b>         | There is no code for medication entered in free text. In these cases, enter the complete description. |  |
| <b>Datatype</b>          | ST  |  |
| <b>DCM::ConceptId</b>    | NL-CM:9.7.19929   |  |
| <b>DCM::ExampleValue</b> | PARACETAMOL 500MG<br>TABLET   |  |
| <b>Opties</b>            |   |  |

|                       |  |  |
|-----------------------|--|--|
| <b>«data»</b>         | <b>Description</b>   |  |
| <b>Definitie</b>      | A textual description of the type of medication (including relevant properties of the composition and preparation method if possible), which is only used if no coded indication from the G Standard is available (magistral preparation). |  |
| <b>Datatype</b>       | ST   |  |
| <b>DCM::ConceptId</b> | NL-CM:9.7.19784  |  |
| <b>Opties</b>         |  |  |

|                          |   |  |
|--------------------------|---|--|
| <b>«container»</b>       | <b>Ingredient</b>   |  |
| <b>Definitie</b>         | <p>Container of the Ingredient concept. This container contains all data elements of the Ingredient concept.</p> <p>A product contains one or more active substances and excipients. These are usually determined by the product code. For medication prepared or compounded by the local pharmacy, each ingredient must be entered separately.</p> <p>The active substances play an important role, as they:</p> <ol style="list-style-type: none"> <li>determine the pharmacotherapeutic effect of the medication and</li> <li>serve as the basis for the indication of the strength of the medication (e.g. 200mg).</li> </ol> |  |
| <b>Datatype</b>          |   |  |
| <b>DCM::ConceptId</b>    | NL-CM:9.7.19932   |  |
| <b>DCM::ExampleValue</b> | captopril   |  |
| <b>Opties</b>            |   |  |

|                  |   |  |
|------------------|---|--|
| <b>«data»</b>    | <b>SubstanceCode</b>  |  |
| <b>Definitie</b> | <p>Active substance or excipient.</p> <p>Here, the same codes can be used as for the ProductCode (for dilutions and compounds in particular), but now, the ATC, SSK and SNK codes can also be used to indicate a substance (to list ingredients of local products prepared by the pharmacy).</p> <ul style="list-style-type: none"> <li>• GTIN International Article Number</li> <li>• KNMP article number</li> <li>• Trade product code (HPK)</li> </ul> |  |

|                          |   |   |
|--------------------------|---|---|
|                          | <ul style="list-style-type: none"> <li>• Prescription code (PRK)</li> <li>• Generic product code (GPK)</li> <li>• ATC (anatomic therapeutic classification)</li> <li>• SSK (substance name code with route of administration)</li> <li>• SNK (substance name code)</li> </ul> <p>For further explanation about ATC see<br/> <a href="https://www.whooc.no/atc/structure_and_principles/">https://www.whooc.no/atc/structure_and_principles/</a></p> |   |
| <b>Datatype</b>          | CD  |   |
| <b>DCM::ConceptId</b>    | NL-CM:9.7.19934   |   |
| <b>DCM::ExampleValue</b> | SNK 28045   | CAPTOPRIL   |
| <b>DCM::ValueSet</b>     | IngredientCodeGPKCodelist   | OID:<br>2.16.840.1.113883.2.4.3.11.60.40.2.9.7.9  |
| <b>DCM::ValueSet</b>     | IngredientCodeSNKCodelist   | OID:<br>2.16.840.1.113883.2.4.3.11.60.40.2.9.7.14 |
| <b>DCM::ValueSet</b>     | IngredientCodeSSKCodelist   | OID:<br>2.16.840.1.113883.2.4.3.11.60.40.2.9.7.15 |
| <b>DCM::ValueSet</b>     | IngredientCodeHPKCodelist   | OID:<br>2.16.840.1.113883.2.4.3.11.60.40.2.9.7.10 |
| <b>DCM::ValueSet</b>     | IngredientCodePRKCodelist   | OID:<br>2.16.840.1.113883.2.4.3.11.60.40.2.9.7.11 |
| <b>DCM::ValueSet</b>     | IngredientCodeZICodelist  | OID:<br>2.16.840.1.113883.2.4.3.11.60.40.2.9.7.12 |
| <b>DCM::ValueSet</b>     | IngredientCodeGTINCodelist  | OID:<br>2.16.840.1.113883.2.4.3.11.60.40.2.9.7.16 |
| <b>DCM::ValueSet</b>     | IngredientCodeATCCodelist   | OID:<br>2.16.840.1.113883.2.4.3.11.60.40.2.9.7.13 |
| <b>Opties</b>            |   |   |

|                          |  |  |
|--------------------------|--|--|
| <b>«container»</b>       | <b>Concentration</b>   |  |
| <b>Definitie</b>         | <p>The relative amount of this ingredient in this product.<br/> Calculation of Concentration = Ingredient Amount ÷ Product Amount.</p> <p>This could be a concentration if the medication is dissolved in liquid, for example.</p> |  |
| <b>Datatype</b>          |  |  |
| <b>DCM::ConceptId</b>    | NL-CM:9.7.19933  |  |
| <b>DCM::ExampleValue</b> | 25mg/stuk of 50IE/ml of<br>200mg/500ml   |  |
| <b>Opties</b>            |  |  |

|                          |   |  |
|--------------------------|---|--|
| <b>«data»</b>            | <b>IngredientAmount</b>   |  |
| <b>Definitie</b>         | <p>The amount and unit of this ingredient. This is the numerator for the calculation of the concentration. The unit should be selected from the G-Standard (Table 902).</p> |  |
| <b>Datatype</b>          | PQ  |  |
| <b>DCM::ConceptId</b>    | NL-CM:9.7.22277   |  |
| <b>DCM::ExampleValue</b> | 5 ml 20 mg  |  |
| <b>Opties</b>            |   |  |

|                       |   |  |
|-----------------------|---|--|
| <b>«data»</b>         | <b>ProductAmount</b>  |  |
| <b>Definitie</b>      | <p>Amount of the product. This is the denominator for the calculation of the concentration. Optionally a translation to NHG table Gebruiksvoorschriften (Table 25) is also allowed.</p> |  |
| <b>Datatype</b>       | PQ  |  |
| <b>DCM::ConceptId</b> | NL-CM:9.7.22278   |  |



|                   |               |  |
|-------------------|---------------|--|
| DCM::ExampleValue | 200 ml 500 mg |  |
| Opties            |               |  |

| «document»             | ProductCodeZICodelist                    |  |
|------------------------|--|--|
| Definitie              |  |  |
| Datatype               |  |  |
| DCM::ValueSetBinding   | Required                                 |  |
| DCM::ValueSetId        | 2.16.840.1.113883.2.4.3.11.60.40.2.9.7.1 |  |
| HCIM::ValueSetLanguage | --                                       |  |
| Opties                 |  |  |

| ProductCodeZICodelijst |   | OID: 2.16.840.1.113883.2.4.3.11.60.40.2.9.7.1 |
|------------------------|---|---|
| Codes                  | Coding Syst. Name                               | Coding System OID                             |
| Alle waarden           | G-Standaard Artikelen (ook KNMP-nummer, ATKODE) | 2.16.840.1.113883.2.4.4.8                     |

| «document»             | ProductCodeGTINCodeList                  |  |
|------------------------|--|--|
| Definitie              |  |  |
| Datatype               |  |  |
| DCM::ValueSetBinding   | Required                                 |  |
| DCM::ValueSetId        | 2.16.840.1.113883.2.4.3.11.60.40.2.9.7.2 |  |
| HCIM::ValueSetLanguage | --                                       |  |
| Opties                 |  |  |

| ProductCodeGTINCodeList |                                 | OID: 2.16.840.1.113883.2.4.3.11.60.40.2.9.7.2 |
|-------------------------|---------------------------------|---|
| Codes                   | Coding Syst. Name               | Coding System OID                             |
| Alle waarden            | Global Trade Item Number (GTIN) | 1.3.160                                       |

| «document»             | ProductCodePRKCodeList                   |  |
|------------------------|--|--|
| Definitie              |  |  |
| Datatype               |  |  |
| DCM::ValueSetBinding   | Required                                 |  |
| DCM::ValueSetId        | 2.16.840.1.113883.2.4.3.11.60.40.2.9.7.3 |  |
| HCIM::ValueSetLanguage | --                                       |  |
| Opties                 |  |  |

| ProductCodePRKCodeList |  | OID: 2.16.840.1.113883.2.4.3.11.60.40.2.9.7.3 |
|------------------------|--|---|
| Codes                  | Coding Syst. Name                      | Coding System OID                             |
| Alle waarden           | G-Standaard Voorschrijfproducten (PRK) | 2.16.840.1.113883.2.4.4.10                    |

| «document»           | ProductCodeHPKCodeList                   |  |
|----------------------|--|--|
| Definitie            |  |  |
| Datatype             |  |  |
| DCM::ValueSetBinding | Required                                 |  |
| DCM::ValueSetId      | 2.16.840.1.113883.2.4.3.11.60.40.2.9.7.5 |  |

|                                |  |  |
|--------------------------------|--|--|
| <b>HCIM::ValueSetLanguage</b>  | --                                     |  |
| <b>Opties</b>                  |  |  |
| <b>ProductCodeHPKCodelijst</b> |  | <b>OID: 2.16.840.1.113883.2.4.3.11.60.40.2.9.7.5</b> |
| Codes                          | Coding Syst. Name                      | Coding System OID                                    |
| Alle waarden                   | G-Standaard Handels Product Kode (HPK) | 2.16.840.1.113883.2.4.4.7                            |

|                                |  |  |
|--------------------------------|--|--|
| <b>«document»</b>              | <b>ProductCodeGPKCodelist</b>            |  |
| <b>Definitie</b>               |  |  |
| <b>Datatype</b>                |  |  |
| <b>DCM::ValueSetBinding</b>    | Required                                 |  |
| <b>DCM::ValueSetId</b>         | 2.16.840.1.113883.2.4.3.11.60.40.2.9.7.6 |  |
| <b>HCIM::ValueSetLanguage</b>  | --                                       |  |
| <b>Opties</b>                  |  |  |
| <b>ProductCodeGPKCodelijst</b> |  | <b>OID: 2.16.840.1.113883.2.4.3.11.60.40.2.9.7.6</b> |
| Codes                          | Coding Syst. Name                        | Coding System OID                                    |
| Alle waarden                   | G-Standaard Generieke Product Kode (GPK) | 2.16.840.1.113883.2.4.4.1                            |

|                                |   |  |
|--------------------------------|---|--|
| <b>«document»</b>              | <b>ProductCodeATCCodelist</b>             |  |
| <b>Definitie</b>               |   |  |
| <b>Datatype</b>                |   |  |
| <b>DCM::ValueSetBinding</b>    | Required                                  |  |
| <b>DCM::ValueSetId</b>         | 2.16.840.1.113883.2.4.3.11.60.40.2.9.7.7  |  |
| <b>HCIM::ValueSetLanguage</b>  | --  |  |
| <b>Opties</b>                  |   |  |
| <b>ProductCodeATCCodelijst</b> |   | <b>OID: 2.16.840.1.113883.2.4.3.11.60.40.2.9.7.7</b> |
| Codes                          | Coding Syst. Name                         | Coding System OID                                    |
| Alle waarden                   | Anatomic Therapeutic Classification (ATC) | 2.16.840.1.113883.6.73                               |

|                                    |  |  |
|------------------------------------|--|--|
| <b>«document»</b>                  | <b>Pharmaceutical formCodelist</b>       |  |
| <b>Definitie</b>                   |  |  |
| <b>Datatype</b>                    |  |  |
| <b>DCM::ValueSetBinding</b>        | Required                                 |  |
| <b>DCM::ValueSetId</b>             | 2.16.840.1.113883.2.4.3.11.60.40.2.9.7.8 |  |
| <b>HCIM::ValueSetLanguage</b>      | --                                       |  |
| <b>Opties</b>                      |  |  |
| <b>FarmaceutischeVormCodelijst</b> |  | <b>OID: 2.16.840.1.113883.2.4.3.11.60.40.2.9.7.8</b> |
| Codes                              | Coding Syst. Name                        | Coding System OID                                    |
| Alle waarden                       | G-Standaard Farmaceutische vormen        | 2.16.840.1.113883.2.4.4.11                           |

| «document»             | IngredientCodeGPKCodelist                |  |
|------------------------|--|--|
| Definitie              |  |  |
| Datatype               |  |  |
| DCM::ValueSetBinding   | Required                                 |  |
| DCM::ValueSetId        | 2.16.840.1.113883.2.4.3.11.60.40.2.9.7.9 |  |
| HCIM::ValueSetLanguage | --                                       |  |
| Opties                 |  |  |

| IngredientCodeGPKCodelist |  | OID: 2.16.840.1.113883.2.4.3.11.60.40.2.9.7.9 |
|---------------------------|--|---|
| Codes                     | Coding Syst. Name                        | Coding System OID                             |
| Alle waarden              | G-Standaard Generieke Product Kode (GPK) | 2.16.840.1.113883.2.4.4.1                     |

| «document»             | IngredientCodeHPKCodelist                 |  |
|------------------------|---|--|
| Definitie              |   |  |
| Datatype               |   |  |
| DCM::ValueSetBinding   | Required                                  |  |
| DCM::ValueSetId        | 2.16.840.1.113883.2.4.3.11.60.40.2.9.7.10 |  |
| HCIM::ValueSetLanguage | --  |  |
| Opties                 |   |  |

| IngredientCodeHPKCodelist |  | OID: 2.16.840.1.113883.2.4.3.11.60.40.2.9.7.10 |
|---------------------------|--|--|
| Codes                     | Coding Syst. Name                      | Coding System OID                              |
| Alle waarden              | G-Standaard Handels Product Kode (HPK) | 2.16.840.1.113883.2.4.4.7                      |

| «document»             | IngredientCodePRKCodelist                 |  |
|------------------------|---|--|
| Definitie              |   |  |
| Datatype               |   |  |
| DCM::ValueSetBinding   | Required                                  |  |
| DCM::ValueSetId        | 2.16.840.1.113883.2.4.3.11.60.40.2.9.7.11 |  |
| HCIM::ValueSetLanguage | --  |  |
| Opties                 |   |  |

| IngredientCodePRKCodelist |  | OID: 2.16.840.1.113883.2.4.3.11.60.40.2.9.7.11 |
|---------------------------|--|--|
| Codes                     | Coding Syst. Name                      | Coding System OID                              |
| Alle waarden              | G-Standaard Voorschrijfproducten (PRK) | 2.16.840.1.113883.2.4.4.10                     |

| «document»             | IngredientCodeZICodelist                  |  |
|------------------------|---|--|
| Definitie              |   |  |
| Datatype               |   |  |
| DCM::ValueSetBinding   | Required                                  |  |
| DCM::ValueSetId        | 2.16.840.1.113883.2.4.3.11.60.40.2.9.7.12 |  |
| HCIM::ValueSetLanguage | --  |  |
| Opties                 |   |  |

| IngredientCodeZICodelijst |   | OID: 2.16.840.1.113883.2.4.3.11.60.40.2.9.7.12 |
|---------------------------|---|--|
| Codes                     | Coding Syst. Name                               | Coding System OID                              |
| Alle waarden              | G-Standaard Artikelen (ook KNMP-nummer, ATKODE) | 2.16.840.1.113883.2.4.4.8                      |

| «document»             | IngredientCodeATCCodelist                 |  |
|------------------------|---|--|
| Definitie              |   |  |
| Datatype               |   |  |
| DCM::ValueSetBinding   | Required                                  |  |
| DCM::ValueSetId        | 2.16.840.1.113883.2.4.3.11.60.40.2.9.7.13 |  |
| HCIM::ValueSetLanguage | --  |  |
| Opties                 |   |  |

| IngredientCodeATCCodelist |   | OID: 2.16.840.1.113883.2.4.3.11.60.40.2.9.7.13 |
|---------------------------|---|--|
| Codes                     | Coding Syst. Name                         | Coding System OID                              |
| Alle waarden              | Anatomic Therapeutic Classification (ATC) | 2.16.840.1.113883.6.73                         |

| «document»             | IngredientCodeSNKCodelist                 |  |
|------------------------|---|--|
| Definitie              |   |  |
| Datatype               |   |  |
| DCM::ValueSetBinding   | Required                                  |  |
| DCM::ValueSetId        | 2.16.840.1.113883.2.4.3.11.60.40.2.9.7.14 |  |
| HCIM::ValueSetLanguage | --  |  |
| Opties                 |   |  |

| IngredientCodeSNKCodelist |                                | OID: 2.16.840.1.113883.2.4.3.11.60.40.2.9.7.14 |
|---------------------------|--------------------------------|--|
| Codes                     | Coding Syst. Name              | Coding System OID                              |
| Alle waarden              | G-standaard Stofnaamcode (SNK) | 2.16.840.1.113883.2.4.4.1.750                  |

| «document»             | IngredientCodeSSKCodelist                 |  |
|------------------------|---|--|
| Definitie              |   |  |
| Datatype               |   |  |
| DCM::ValueSetBinding   | Extensible                                |  |
| DCM::ValueSetId        | 2.16.840.1.113883.2.4.3.11.60.40.2.9.7.15 |  |
| HCIM::ValueSetLanguage | --  |  |
| Opties                 |   |  |

| IngredientCodeSSKCodelist |  | OID: 2.16.840.1.113883.2.4.3.11.60.40.2.9.7.15 |
|---------------------------|--|--|
| Codes                     | Coding Syst. Name                                    | Coding System OID                              |
| Alle waarden              | G-standaard Stofnaamcode i.c.m. toedieningsweg (SSK) | 2.16.840.1.113883.2.4.4.1.725                  |

| «document»           | IngredientCodeGTINCodelist |  |
|----------------------|----------------------------|--|
| Definitie            |                            |  |
| Datatype             |                            |  |
| DCM::ValueSetBinding | Extensible                 |  |

|                                    |   |   |
|------------------------------------|---|---|
| <b>DCM::ValueSetId</b>             | 2.16.840.1.113883.2.4.3.11.60.40.2.9.7.16 |   |
| <b>HCIM::ValueSetLanguage</b>      | --  |   |
| <b>Opties</b>                      |   |   |
| <b>IngredientCodeGTINCodelijst</b> |   | <b>OID: 2.16.840.1.113883.2.4.3.11.60.40.2.9.7.16</b> |
| Codes                              | Coding Syst. Name                         | Coding System OID                                     |
| Alle waarden                       | Global Trade Item Number (GTIN)           | 1.3.160   |

| Legend           |  |
|------------------|--|
| <b>Definitie</b> |  |
| <b>Datatype</b>  |  |
| <b>Opties</b>    |  |

## 1.8 Example Instances

|                                    |
|------------------------------------|
| <b>Afgesproken geneesmiddel</b>    |
| <b>Farmaceutischproduct</b>        |
| Lisinopril tablet 10mg             |
| Methotrexaat injvst 25mg/ml 0,6 ml |

## 1.9 Instructions

## 1.10 Interpretation

## 1.11 Care Process

## 1.12 Example of the Instrument

## 1.13 Constraints

## 1.14 Issues

## 1.15 References

## 1.16 Functional Model

## 1.17 Traceability to other Standards

## 1.18 Disclaimer

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