

Health & Care Information Model: nl.zorg.MedicationDispense-v2.0.1

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Content

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1. nl.zorg.MedicationDispense-v2.0.1

| | |
|---------------------------------|--|
| DCM::CoderList | Projectgroep Medicatieproces |
| DCM::ContactInformation.Address | |
| DCM::ContactInformation.Name | * |
| DCM::ContactInformation.Telecom | |
| DCM::ContentAuthorList | Projectgroep Medicatieproces |
| DCM::CreationDate | 1-2-2017 |
| DCM::DeprecatedDate | |
| DCM::DescriptionLanguage | nl |
| DCM::EndorsingAuthority.Address | |
| DCM::EndorsingAuthority.Name | PM |
| DCM::EndorsingAuthority.Telecom | |
| DCM::Id | 2.16.840.1.113883.2.4.3.11.60.40.3.9.9 |
| DCM::KeywordList | Medicatie, Verstrekking |
| DCM::LifecycleStatus | Final |
| DCM::ModelerList | Architectuurgroep Registratie aan de Bron |
| DCM::Name | nl.zorg.Medicatieverstrekking |
| DCM::PublicationDate | 06-07-2019 |
| DCM::PublicationStatus | Prepublished |
| DCM::ReviewerList | Projectgroep Medicatieproces & Architectuurgroep Registratie aan de Bron |
| DCM::RevisionDate | 23-05-2019 |
| DCM::Supersedes | nl.zorg.Medicatieverstrekking-v2.0 |
| DCM::Version | 2.0.1 |
| HCIM::PublicationLanguage | EN |

1.1 Revision History

Publicatieversie 1.0 (04-09-2017)

Publicatieversie 2.0 (31-12-2017)

Bevat: ZIB-618, ZIB-643.

Publicatieversie 2.0.1 (06-07-2019)

Bevat: ZIB-807.

1.2 Concept

A dispense is the delivery of an amount of medicine to the patient, their administrator or their representative.

1.3 Mindmap

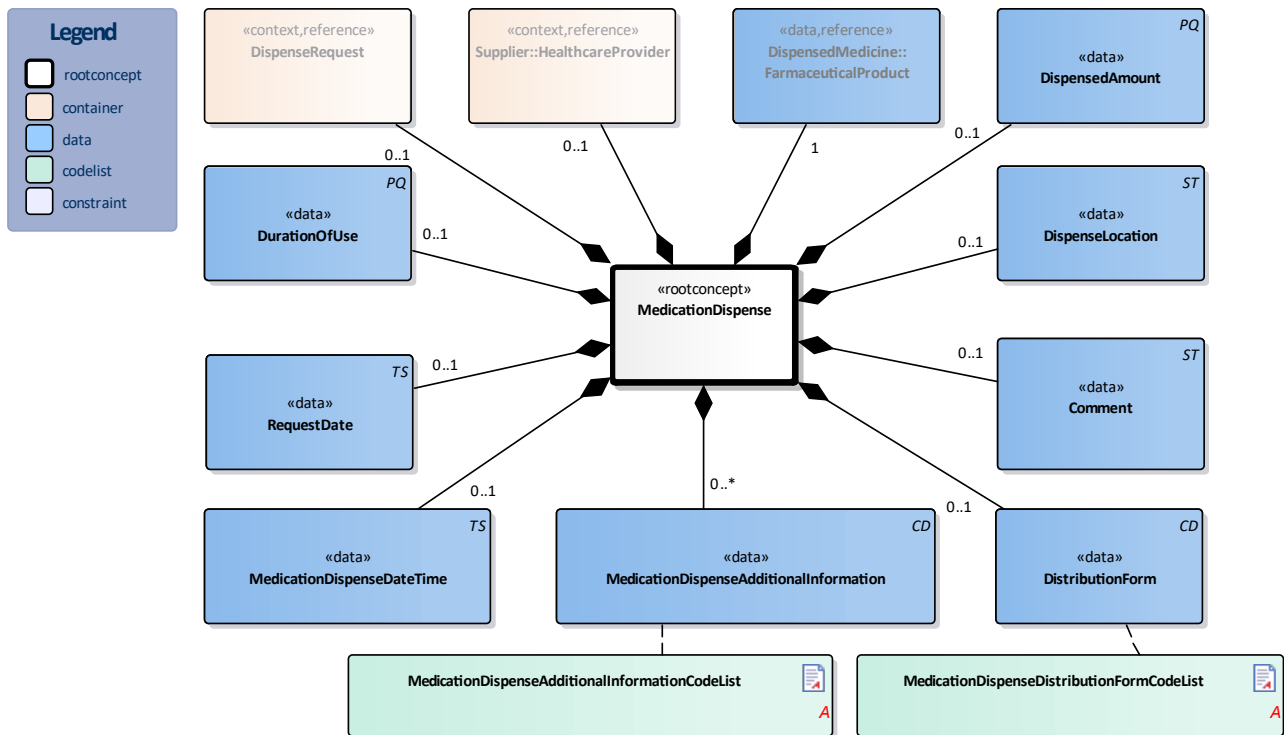
1.4 Purpose

The goal of the dispense is to provide insight into which products are delivered by the pharmacist to the patient (or their representative).

1.5 Patient Population

1.6 Evidence Base

1.7 Information Model



| «rootconcept» | MedicationDispense |
|----------------|---|
| Definitie | Root concept of the MedicationDispense information model. This root concept contains all data elements of the MedicationDispense information model. |
| Datatype | |
| DCM::ConceptId | NL-CM:9.9.20270 |
| Opties | |

| «context» | Supplier::HealthcareProvider | |
|--------------------------|--|---|
| Definitie | In almost all cases, the supplier will be a pharmacist. It could also be supplied by a webshop (in case of an online order), a drug store or a foreign pharmacist. | |
| Datatype | | |
| DCM::ConceptId | NL-CM:9.9.20858 | |
| DCM::ReferencedConceptId | NL-CM:17.2.1 | This is a reference to the rootconcept of information model HealthcareProvider. |
| Opties | | |

| «context» | DispenseRequest | |
|--------------------------|---------------------------------------|--|
| Definitie | Relationship to the dispense request. | |
| Datatype | | |
| DCM::ConceptId | NL-CM:9.9.22396 | |
| DCM::ReferencedConceptId | NL-CM:9.10.19963 | This is a reference to the rootconcept of information model DispenseRequest. |
| Opties | | |

| «data» | DispensedMedicine::FarmaceuticProduct | |
|--------------------------|---------------------------------------|--|
| Definitie | The dispensed medicine. | |
| Datatype | | |
| DCM::ConceptId | NL-CM:9.9.22259 | |
| DCM::ReferencedConceptId | NL-CM:9.7.19926 | This is a reference to the rootconcept of the partial information model Product. |
| Opties | | |

| «data» | MedicationDispenseDateTime | |
|----------------|---|--|
| Definitie | The time at which the medicine was supplied. The date and time at which the medicine is delivered. Note: this is the time at which the medicine was delivered to the patient (or their administrator/representative) and not the request date. | |
| Datatype | TS | |
| DCM::ConceptId | NL-CM:9.9.20272 | |
| Opties | | |

| «data» | RequestDate | |
|----------------|--|--|
| Definitie | The request date is the time at which a pharmacist records an intended dispense. | |
| Datatype | TS | |
| DCM::ConceptId | NL-CM:9.9.2250 | |
| Opties | | |

| «data» | DistributionForm | |
|----------------|--|---|
| Definitie | Distribution form | |
| Datatype | CD | |
| DCM::ConceptId | NL-CM:9.9.20927 | |
| DCM::ValueSet | MedicationDispenseDistributionFormCodeList | OID: 2.16.840.1.113883.2.4.3.11.60.40.2.9.9.1 |
| Opties | | |

| «data» | DurationOfUse | |
|-------------------|--|--|
| Definitie | The period in which the medication is expected to be used. The value depends on the dose and the dispensed amount. | |
| Datatype | PQ | |
| DCM::ConceptId | NL-CM:9.9.20924 | |
| DCM::ExampleValue | 3 mnd | |
| Opties | | |

| «data» | MedicationDispenseAdditionalInformation | |
|----------------|--|--|
| Definitie | Additional information includes details on the structure of the medical dispense. This can be e.g. a reason for deviating from the dispense request. For now, this list is used. This list will be replaced by a thesaurus in the G standard at a later stage. | |
| Datatype | CD | |
| DCM::ConceptId | NL-CM:9.9.23285 | |
| DCM::ValueSet | MedicationDispenseAdditionalInformationCodeList | OID:2.16.840.1.113883.2.4.3.11.60.40.2.9.9.2 |
| Opties | | |

| «data» | DispensedAmount | |
|-----------|--|--|
| Definitie | Number of units of the product (measured based on the relevant product code) supplied. Optionally a translation to NHG table | |

| | | |
|--------------------------|--|--|
| | Gebruiksvoorschriften(Table 25) is also allowed. | |
| Datatype | PQ | |
| DCM::ConceptId | NL-CM:9.9.20923 | |
| DCM::ExampleValue | 100 stuks | |
| Opties | | |

| | | |
|-----------------------|-------------------------|--|
| «data» | DispenseLocation | |
| Definitie | Dispense location | |
| Datatype | ST | |
| DCM::ConceptId | NL-CM:9.9.20925 | |
| Opties | | |

| | | |
|-----------------------|---------------------------|--|
| «data» | Comment | |
| Definitie | Comments on the dispense. | |
| Datatype | ST | |
| DCM::ConceptId | NL-CM:9.9.22276 | |
| Opties | | |

| | | |
|-----------------------------|--|--|
| «document» | MedicationDispenseAdditionalInformationCodeList | |
| Definitie | | |
| Datatype | | |
| DCM::ValueSetBinding | Extensible | |
| DCM::ValueSetId | 2.16.840.1.113883.2.4.3.11.60.40.2.9.9.2 | |
| Opties | | |

| MedicatieverstrekkingAanvullendeInformatieCodelijst | | | OID: 2.16.840.1.113883.2.4.3.11.60.40.2.9.9.2 | |
|--|--------------|---------------------------------|--|-------------------------|
| Concept Name | Concept Code | Coding Syst. Name | Coding System OID | Description |
| Aantal bewust gewijzigd | 1 | Voorlopige G-std thesaurus 2052 | 2.16.840.1.113883.2.4.3.11.60.20.77.5.2.3.2052 | Aantal bewust gewijzigd |
| Recall | 2 | Voorlopige G-std thesaurus 2052 | 2.16.840.1.113883.2.4.3.11.60.20.77.5.2.3.2052 | Recall |
| Retour | 3 | Voorlopige G-std thesaurus 2052 | 2.16.840.1.113883.2.4.3.11.60.20.77.5.2.3.2052 | Retour |

| | | |
|-----------------------------|---|--|
| «document» | MedicationDispenseDistributionFormCodeList | |
| Definitie | Distributievorm | |
| Datatype | | |
| DCM::ValueSetBinding | Extensible | |
| DCM::ValueSetId | 2.16.840.1.113883.2.4.3.11.60.40.2.9.9.1 | |
| Opties | | |

| MedicatieverstrekkingDistributievormCodelijst | | | OID: 2.16.840.1.113883.2.4.3.11.60.40.2.9.9.1 | |
|--|--------------|-------------------|--|-------------|
| Concept Name | Concept Code | Coding Syst. Name | Coding System OID | Description |

| | | | | |
|-----|---|-----------------|---|---|
| GDS | 1 | Distributievorm | 2.16.840.1.113883.2.4.3.11.60.20.77.5.3.8 | Geïndividualiseerd distributiesysteem (GDS) |
|-----|---|-----------------|---|---|

| Legend | |
|-----------|--|
| Definitie | |
| Datatype | |
| Opties | |

1.8 Example Instances

| Medicatieverstrekking DatumTijd | Aanschrijfdatum | Verstekte hoeveelheid | Verbruiksduur | VerstrektGeneesmiddel | Verstrekker | Afleverlocatie | Distributievorm |
|------------------------------------|-------------------|--------------------------|---------------|---|------------------------------|------------------------------|-----------------|
| | | | | ProductCode | Zorgaanbieder | | |
| 3-5-2012 12:04:51 | 2-5-2012 10:19:08 | 100 tabletten | 4 weken | Paracetamol tablet 500 mg | Apotheek De Gulle Gaper | | |
| 11-9-2015 0:00:00 | | 5 flacons | 5 dagen | Pantoprazol injpdr 40 mg fl | Apotheek De Gulle Gaper | Zorginstelling De beste zorg | |
| 19-9-2014 9:15:40 | | 90 stuks | 90 dagen | Dalteparine 2500 injvst 12.500 ie/ml wwsp 0,2ml | Poli-apotheek Het Ziekenhuis | | |
| 1-9-2013 13:12:09 | 30-8-2013 0:25:00 | 100 stuks | | Prednison 5 mg | Poli-apotheek Het Ziekenhuis | | GDS |

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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