Health & Care Information Model:

nl.zorg.MedicationDispense-v3.0.1

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Content

1. nl.zorg.MedicationDispense-v3.0.1

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
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DCM::Supersedes	nl.zorg.Medicatieverstrekking-v3.0
DCM::Version	3.0.1
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.

Publicatieversie 2.0.2 (01-09-2020)
Bevat: ZIB-911, ZIB-1195.

Publicatieversie 2.1 (01-12-2021)
Bevat: ZIB-1457.

Publicatieversie 3.0 (10-06-2022)
Bevat: ZIB-1695, ZIB-1723.

Publicatieversie 3.0.1 (15-04-2024)
Bevat: ZIB-2117, ZIB-2128, ZIB-2136, ZIB-2132.

1.2 Concept

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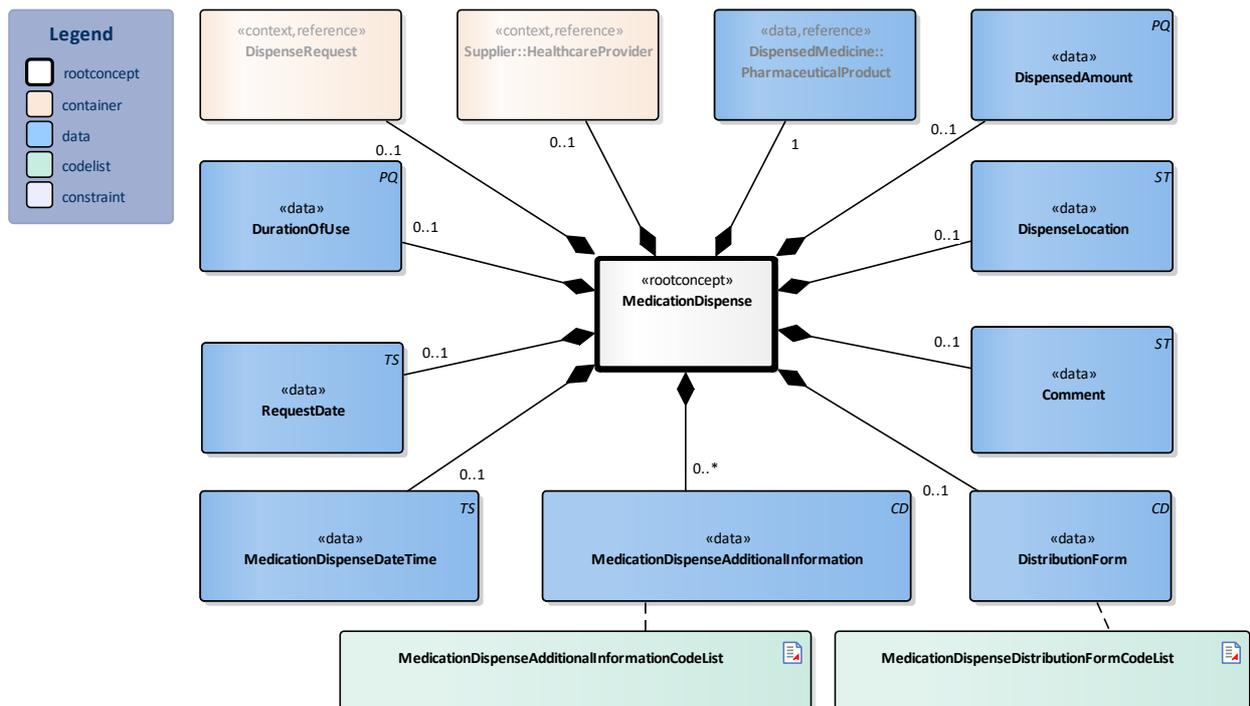
1.3 Mindmap

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	
DCM::DefinitionCode	SNOMED CT: 373784005 Dispensing medication	
Opties		

«context»	Supplier::HealthcareProvider	
Definitie	In almost all cases, the supplier will be a pharmacy (healthcare provider). 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 this medication dispense was based on.	
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::PharmaceuticalProduct	
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 information model PharmaceuticalProduct.
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:9.9.22500	
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	The G-standard contains a copy of the MP value lists.
Datatype	
DCM::ValueSetBinding	Required
DCM::ValueSetId	2.16.840.1.113883.2.4.3.11.60.40.2.9.9.2
HCIM::ValueSetLanguage	EN
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	Medicatieproces MVE aanvullende informatie	2.16.840.1.113883.2.4.3.11.60.20.77.5.2.3.2052	Aantal bewust gewijzigd
Recall	2	Medicatieproces MVE aanvullende informatie	2.16.840.1.113883.2.4.3.11.60.20.77.5.2.3.2052	Recall
Retour	3	Medicatieproces MVE aanvullende informatie	2.16.840.1.113883.2.4.3.11.60.20.77.5.2.3.2052	Retour

«document»	MedicationDispenseDistributionFormCodeList
Definitie	
Datatype	
DCM::ValueSetBinding	Required

DCM::ValueSetId	2.16.840.1.113883.2.4.3.11.60.40.2.9.9.1	
HCIM::ValueSetLanguage	EN	
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

Medicatieverstrekkings DatumTijd	Aanschrijfdatum	Verstrekte 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 injvlst 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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