

# Health & Care Information Model:

nl.zorg.MedicationDispense-v3.0

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# Content

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# 1. nl.zorg.MedicationDispense-v3.0

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
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DCM::RevisionDate	06-05-2022
DCM::Supersedes	nl.zorg.Medicatieverstrekking-v2.1
DCM::Version	3.0
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.

## 1.2 Concept

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

## 1.3 Mindmap

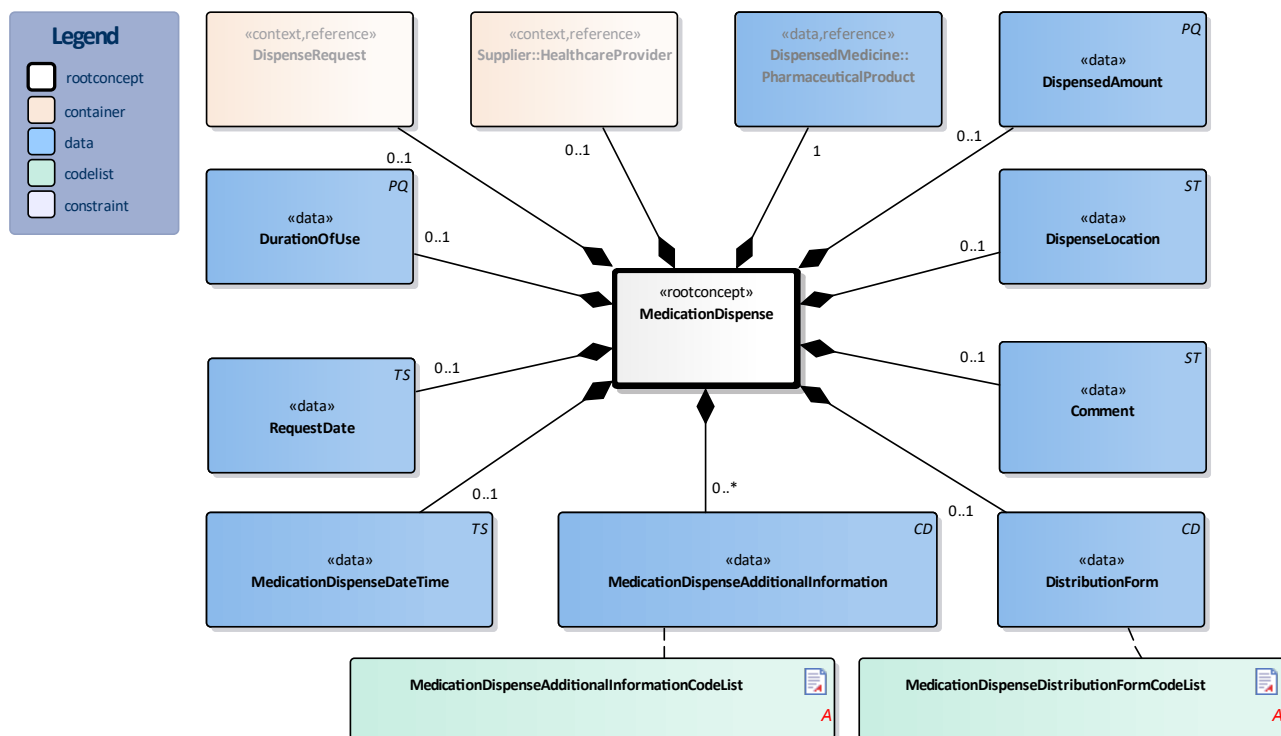
## 1.4 Purpose

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.

<b>Opties</b>	
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<b>«context»</b>	<b>DispenseRequest</b>	
<b>Definitie</b>	Relationship to the dispense request.	
<b>Datatype</b>		
<b>DCM::ConceptId</b>	NL-CM:9.9.22396	
<b>DCM::ReferencedConceptId</b>	NL-CM:9.10.1	This is a reference to the rootconcept of information model DispenseRequest.
<b>Opties</b>		

<b>«data»</b>	<b>DispensedMedicine::PharmaceuticalProduct</b>	
<b>Definitie</b>	The dispensed medicine.	
<b>Datatype</b>		
<b>DCM::ConceptId</b>	NL-CM:9.9.22259	
<b>DCM::ReferencedConceptId</b>	NL-CM:9.7.1	This is a reference to the rootconcept of information model PharmaceuticalProduct.
<b>Opties</b>		

<b>«data»</b>	<b>MedicationDispenseDateTime</b>	
<b>Definitie</b>	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.	
<b>Datatype</b>	TS	
<b>DCM::ConceptId</b>	NL-CM:9.9.20272	
<b>Opties</b>		

<b>«data»</b>	<b>RequestDate</b>	
<b>Definitie</b>	The request date is the time at which a pharmacist records an intended dispense.	
<b>Datatype</b>	TS	
<b>DCM::ConceptId</b>	NL-CM:9.9.22500	
<b>Opties</b>		

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

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

<b>«data»</b>	<b>MedicationDispenseAdditionalInformation</b>	
<b>Definitie</b>	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.	
<b>Datatype</b>	CD	
<b>DCM::ConceptId</b>	NL-CM:9.9.23285	
<b>DCM::ValueSet</b>	MedicationDispenseAdditionallInformationCodeList	OID:2.16.840.1.113883.2.4.3.11.60.40.2.9.9.2
<b>Opties</b>		

<b>«data»</b>	<b>DispensedAmount</b>	
<b>Definitie</b>	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.	
<b>Datatype</b>	PQ	
<b>DCM::ConceptId</b>	NL-CM:9.9.20923	
<b>DCM::ExampleValue</b>	100 stuks	
<b>Opties</b>		

<b>«data»</b>	<b>DispenseLocation</b>	
<b>Definitie</b>	Dispense location	
<b>Datatype</b>	ST	
<b>DCM::ConceptId</b>	NL-CM:9.9.20925	
<b>Opties</b>		

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

<b>«document»</b>	<b>MedicationDispenseAdditionalInformationCodeList</b>	
<b>Definitie</b>		
<b>Datatype</b>		
<b>DCM::ValueSetBinding</b>	Required	
<b>DCM::ValueSetId</b>	2.16.840.1.113883.2.4.3.11.60.40.2.9.9.2	
<b>HCIM::ValueSetLanguage</b>	EN	
<b>Opties</b>		

<b>MedicatieverstrekkingAanvullendeInformatieCodeList</b>	<b>OID: 2.16.840.1.113883.2.4.3.11.60.40.2.9.9.2</b>			
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Concept Name	Concept Code	Coding Syst. Name	Coding System OID	Description
Aantal bewust gewijzigd	1	G-std thesaurus 2052	2.16.840.1.113883.2.4.3.11.60.2077.5.2.3.2052	Aantal bewust gewijzigd
Recall	2	G-std thesaurus 2052	2.16.840.1.113883.2.4.3.11.60.2077.5.2.3.2052	Recall
Retour	3	G-std thesaurus 2052	2.16.840.1.113883.2.4.3.11.60.2077.5.2.3.2052	Retour

<b>«document»</b>	<b>MedicationDispenseDistributionFormCodeList</b>	
<b>Definitie</b>		
<b>Datatype</b>		
<b>DCM::ValueSetBinding</b>	Required	
<b>DCM::ValueSetId</b>	2.16.840.1.113883.2.4.3.11.60.40.2.9.9.1	

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

Medicatieverstrekking DatumTijd	Aanschrijfdatum	Verstreekte 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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