

Health & Care Information Model:

nl.zorg.MedicationDispense-v3.0

Status: Final

Release status: Prepublished

Content

1. nl.zorg.MedicationDispense-v3.0	3
1.1 Revision History.....	3
1.2 Concept.....	3
1.3 Mindmap.....	3
1.4 Purpose.....	4
1.5 Patient Population.....	4
1.6 Evidence Base.....	4
1.7 Information Model.....	4
1.8 Example Instances.....	7
1.9 Instructions.....	7
1.10 Interpretation.....	7
1.11 Care Process.....	7
1.12 Example of the Instrument.....	7
1.13 Constraints.....	7
1.14 Issues.....	7
1.15 References.....	8
1.16 Functional Model.....	8
1.17 Traceability to other Standards.....	8
1.18 Disclaimer.....	8
1.19 Terms of Use.....	8
1.20 Copyrights.....	8

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
DCM::ModelerList	Architectuurgroep Registratie aan de Bron
DCM::Name	nl.zorg.Medicatieverstrekking
DCM::PublicationDate	15-10-2023
DCM::PublicationStatus	Prepublished
DCM::ReviewerList	Projectgroep Medicatieproces & Architectuurgroep Registratie aan de Bron
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

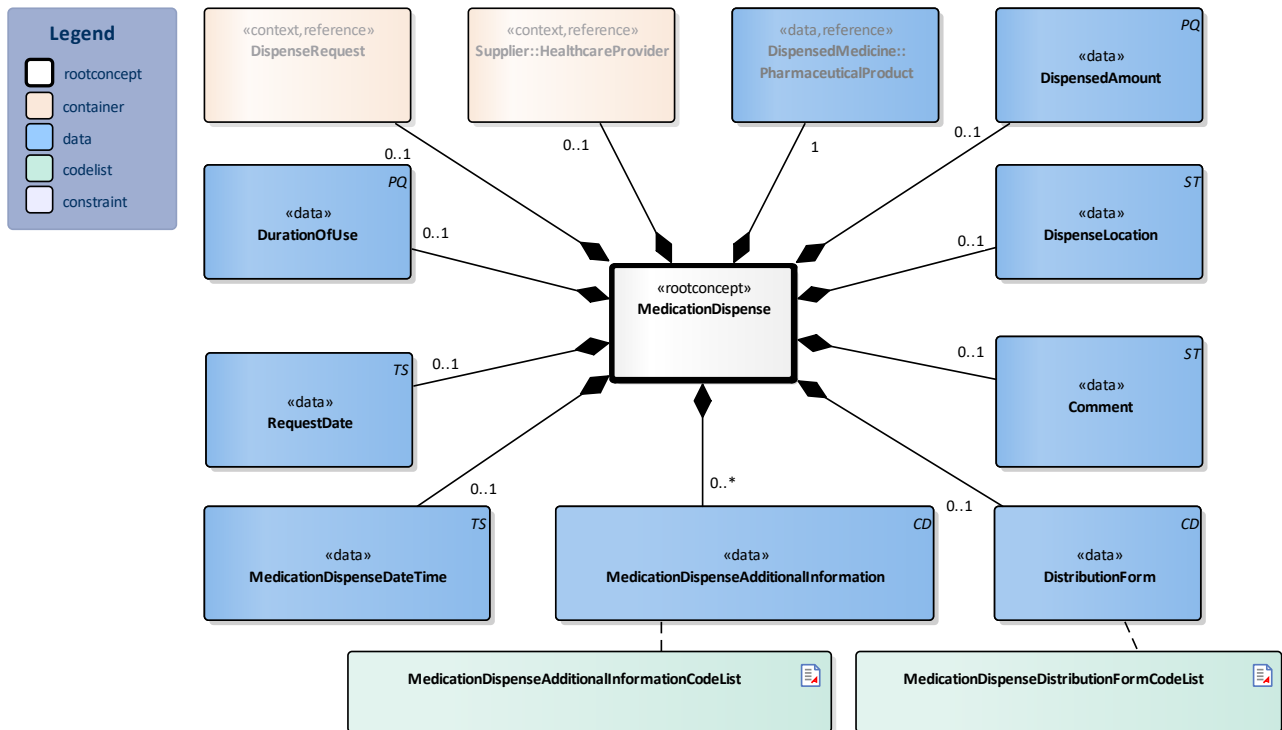
1.4 Purpose

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.
Opties		

«context»	DispenseRequest	
Definitie	Relationship to the dispense request.	
Datatype		
DCM::ConceptId	NL-CM:9.9.22396	
DCM::ReferencedConceptId	NL-CM:9.10.1	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:9.7.1	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	MedicationDispenseAddition allInformationCodeList	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	Required	
DCM::ValueSetId	2.16.840.1.113883.2.4.3.11.6 0.40.2.9.9.2	
HCIM::ValueSetLanguage	EN	
Opties		

MedicatieverstrekkingAanvullendeInformatieCo delijst		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	G-stdthesaurus2052	2.16.840.1.113883.2.4.3.11.6 0.20.77.5.2.3.2052	Aantal bewust gewijzigd
Recall	2	G-stdthesaurus2052	2.16.840.1.113883.2.4.3.11.6 0.20.77.5.2.3.2052	Recall
Retour	3	G-stdthesaurus2052	2.16.840.1.113883.2.4.3.11.6 0.20.77.5.2.3.2052	Retour

«document»	MedicationDispenseDistributionFormCodeList	
Definitie		
Datatype		
DCM::ValueSetBinding	Required	
DCM::ValueSetId	2.16.840.1.113883.2.4.3.11.6 0.40.2.9.9.1	
HCIM::ValueSetLanguage	EN	

Opties				
Medicatieverstrekking		Distributievorm		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 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

The Health and Care Information Models (a.k.a Clinical Building Block) has been made in collaboration with several different parties in healthcare. These parties asked Nictiz to manage good maintenance and development of the information models. Hereafter, these parties and Nictiz are referred to as the collaborating parties. The collaborating parties paid utmost attention to the reliability and topicality of the data in these Health and Care Information Models. Omissions and inaccuracies may however occur. The collaborating parties are not liable for any damages resulting from omissions or inaccuracies in the information provided, nor are they liable for damages resulting from problems caused by or inherent to distributing information on the internet, such as malfunctions, interruptions, errors or delays in information or services provide by the parties to you or by you to the parties via a website or via e-mail, or any other digital means. The collaborating parties will also not accept liability for any damages resulting from the use of data, advice or ideas provided by or on behalf of the parties by means of the Health and Care Information Models. The parties will not accept any liability for the content of information in this Health and Care Information Model to which or from which a hyperlink is referred. In the event of contradictions in mentioned Health and Care Information Model documents and files, the most recent and highest version of the listed order in the revisions will indicate the priority of the documents in question. If information included in the digital version of a Health and Care Information Model is also distributed in writing, the written version will be leading in case of textual differences. This will apply if both have the same version number and date. A definitive version has priority over a draft version. A revised version has priority over previous versions.

1.19 Terms of Use

The user may use the Health and Care Information Models without limitations. The copyright provisions in the paragraph concerned apply to copying, distributing and passing on the Health and Care Information Models.

1.20 Copyrights

A Health and Care Information Model qualifies as a work within the meaning of Section 10 of the Copyright Act (Auteurswet). Copyrights protect the Health and Care Information Models and these rights are owned by the cooperating parties.

The user may copy, distribute and pass on the information in this Health and Care Information Model under the conditions that apply for Creative Commons license Attribution-NonCommercial-ShareAlike 3.0 Netherlands (CC BY-NC-SA-3.0).

The content is available under Creative Commons Attribution-NonCommercial-ShareAlike 3.0 (see also <http://creativecommons.org/licenses/by-nc-sa/3.0/nl/>)

This does not apply to information from third parties that sometimes is used and / or referred to in a Health and Care Information Model, for example to an international medical terminology system. Any (copyright) rights that protect this information are not owned by the cooperating parties but by those third parties.