

# Health & Care Information Model:

nl.zorg.DispenseRequest-v1.1

Status: Final

Release: 2021

Release status: Prepublished

Managed by:



# Content

<b>1. nl.zorg.DispenseRequest-v1.1</b>	<b>3</b>
1.1 Revision History	3
1.2 Concept	3
1.3 Mindmap	3
1.4 Purpose	3
1.5 Patient Population	4
1.6 Evidence Base	4
1.7 Information Model	4
1.8 Example Instances	6
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	7
1.16 Functional Model	7
1.17 Traceability to other Standards	7
1.18 Disclaimer	7
1.19 Terms of Use	8
1.20 Copyrights	8

# 1. nl.zorg.DispenseRequest-v1.1

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	2.16.840.1.113883.2.4.3.11.60.40.3.9.10
DCM::KeywordList	Medicatie, Verstrekkingverzoek
DCM::LifecycleStatus	Final
DCM::ModelerList	Architectuurgroep Registratie aan de Bron
DCM::Name	nl.zorg.Verstrekkingverzoek
DCM::PublicationDate	01-12-2021
DCM::PublicationStatus	Prepublished
DCM::ReviewerList	Projectgroep Medicatieproces & Architectuurgroep Registratie aan de Bron
DCM::RevisionDate	28-07-2021
DCM::Supersedes	nl.zorg.Verstrekkingverzoek-v1.0.3
DCM::Version	1.1
HCIM::PublicationLanguage	EN

## 1.1 Revision History

Publicatieversie 1.0 (04-09-2017)

Publicatieversie 1.0.1 (31-12-2017)

Bevat: ZIB-618.

Publicatieversie 1.0.2 (31-01-2020)

Bevat: ZIB-888.

Publicatieversie 1.0.3 (01-09-2020)

Bevat: ZIB-911, ZIB-1011.

Publicatieversie 1.1 (01-12-2021)

Bevat: ZIB-1452, ZIB-1457.

## 1.2 Concept

The dispense request is the request of a prescriber to the pharmacist to dispense medication(s) to the patient to support current medication agreements. The prescriber asks them to dispense a certain amount of medicine or to dispense medicine(s) for a period of use.

## 1.3 Mindmap

## 1.4 Purpose

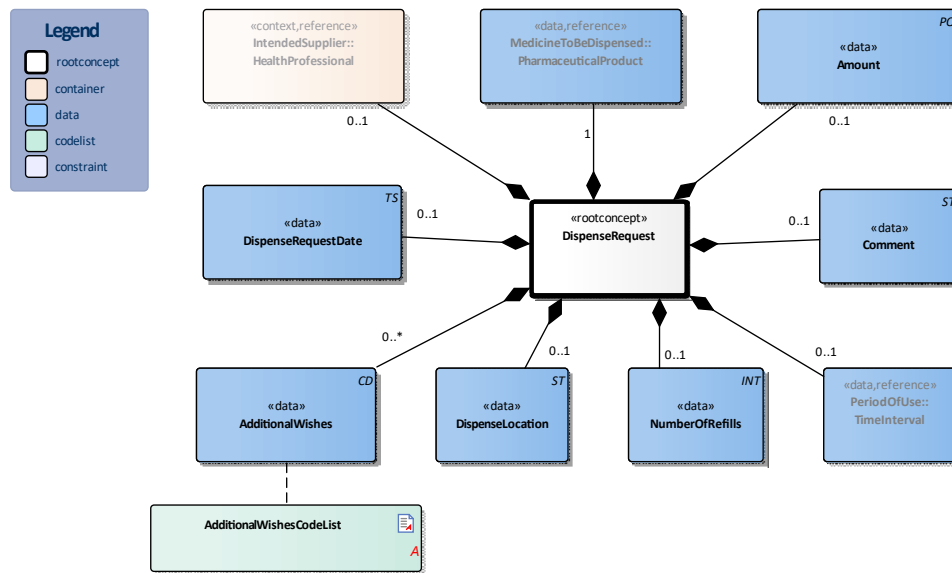
The goal of the dispense request is for the pharmacist to supply the medicine so the patient has a sufficient

amount.

## 1.5 Patient Population

## 1.6 Evidence Base

## 1.7 Information Model



«rootconcept»	DispenseRequest	
<b>Definitie</b>	Root concept of the DispenseRequest information model.This root concept contains all data elements of the DispenseRequest information model.	
<b>Datatype</b>		
<b>DCM::ConceptId</b>	NL-CM:9.10.19963	
<b>DCM::DefinitionCode</b>	SNOMED CT: 52711000146108 Request to dispense medication to patient (situation)	
<b>Opties</b>		

«context»	IntendedSupplier::HealthProfessional	
<b>Definitie</b>	The intended supplier is a pharmacist.	
<b>Datatype</b>		
<b>DCM::ConceptId</b>	NL-CM:9.10.19966	
<b>DCM::ReferencedConceptId</b>	NL-CM:17.2.1	This is a reference to the rootconcept of information model HealthcareProvider.
<b>Opties</b>		

«data»	MedicineToBeDispensed::PharmaceuticalProduct	
<b>Definitie</b>	The medicine to be dispensed.	
<b>Datatype</b>		

<b>DCM::ConceptId</b>	NL-CM:9.10.22249	
<b>DCM::ReferencedConceptId</b>	NL-CM:9.7.19926	This is a reference to the rootconcept of partial information model PharmaceuticalProduct.
<b>Opties</b>		

<b>«data»</b>	<b>DispenseRequestDate</b>	
<b>Definitie</b>	Time at which the dispense request is entered.	
<b>Datatype</b>		
<b>DCM::ConceptId</b>	NL-CM:9.10.20060	
<b>Opties</b>		

<b>«data»</b>	<b>PeriodOfUse::TimeInterval</b>	
<b>Definitie</b>	<p>During the approved period of use, the pharmacist has permission to dispense medicine so that the patient has a sufficient amount of medication.</p> <p>In many cases, the approved period of use can be described by only an end date: the approved end date of use.</p>	
<b>Datatype</b>		
<b>DCM::ConceptId</b>	NL-CM:9.10.20062	
<b>DCM::ExampleValue</b>	21-05-2017	
<b>DCM::ReferencedConceptId</b>	NL-CM:20.3.1	This is a reference to the rootconcept of partial information model TimeInterval.
<b>Opties</b>		

<b>«data»</b>	<b>NumberOfRefills</b>	
<b>Definitie</b>	<p>The number of additional times the medication may be dispensed after the first time.</p> <p>In the case of <i>Amount</i>: The total amount that may be dispensed is: (Number of refills + 1) x amount to be dispensed.</p> <p>In the case of <i>Period of Use</i>: The total period of use is: (Number of refills + 1) x period of use</p>	
<b>Datatype</b>		
<b>DCM::ConceptId</b>	NL-CM:9.10.22120	
<b>Opties</b>		

<b>«data»</b>	<b>Amount</b>	
<b>Definitie</b>	This is the number of units of the ordered product per dispense. The number of refills indicates how often this amount is allowed to be dispensed. Optionally a translation to NHG table Gebruiksvoorschriften (Table 25) is also allowed.	
<b>Datatype</b>		
<b>DCM::ConceptId</b>	NL-CM:9.10.19964	
<b>Opties</b>		

<b>«data»</b>	<b>DispenseLocation</b>	
<b>Definitie</b>	Dispense location.	
<b>Datatype</b>		
<b>DCM::ConceptId</b>	NL-CM:9.10.20068	
<b>Opties</b>		

«data»	AdditionalWishes	
Definitie	Logistics and other instructions such as: do not enter in GDS, urgent, purposeful deviation, etc.	
Datatype		
DCM::ConceptId	NL-CM:9.10.22759	
DCM::ValueSet	AdditionalWishesCodeList	OID: 2.16.840.1.113883.2.4.3.11.60.40.2.9.10.1
Opties		

«data»	Comment	
Definitie	Explanation for the dispense request.  This explanation can contain e.g. information on why a prescriber submits a dispense request that deviates from the norm, e.g. an extra dispense request needed because the patient has lost the medication.	
Datatype		
DCM::ConceptId	NL-CM:9.10.22274	
DCM::DefinitionCode	LOINC: 48767-8 Annotation comment	
Opties		

«document»	AdditionalWishesCodeList	
Definitie		
Datatype		
DCM::ValueSetBinding	Required	
DCM::ValueSetId	2.16.840.1.113883.2.4.3.11.60.40.2.9.10.1	
HCIM::ValueSetLanguage	NL	
Opties		

AanvullendeWensenCodelijst			OID: 2.16.840.1.113883.2.4.3.11.60.40.2.9.10.1	
Concept Name	Concept Code	Coding Syst. Name	Coding System OID	Description
Spoed	1	G-std thesaurus 2051	2.16.840.1.113883.2.4.3.11.60.20.77.5.2.3.2051	Spoed
Niet in GDS	2	G-std thesaurus 2051	2.16.840.1.113883.2.4.3.11.60.20.77.5.2.3.2051	Niet in GDS
Bezorgen	3	G-std thesaurus 2051	2.16.840.1.113883.2.4.3.11.60.20.77.5.2.3.2051	Bezorgen

	Legend
Definitie	
Datatype	
Opties	

## 1.8 Example Instances

VerstrekkingsverzoekDatum	Te verstrekken hoeveelheid	AantalHerhalingen	TeVerstrekkenGeneesmiddel	Verbruiksperiode			BeoogdVerstrekker	Aflieverlocatie	Aanvullende wensen
				ProductCode	IngangsDatum	Einddatum			
13-07-15	40 stuks	0	Metoclopramide zetpil 20mg			40 dagen	Apotheek De Gulle Gaper	Verpleeghuis De Ronde Vaten	Spoed

## 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.



Nictiz is the independent national competence centre for electronic exchange of health and care information. The activities of Nictiz include the targeted development and management of information standards at the request of and in partnership with the stakeholders in healthcare. Nictiz advises these parties on all aspects of information exchange and identifies (future) national and international developments.

**Nictiz**

P.O. Box 19121  
2500 CC Den Haag  
Oude Middenweg 55  
2491 AC Den Haag

070-3173450  
[info@nictiz.nl](mailto:info@nictiz.nl)  
[www.nictiz.nl](http://www.nictiz.nl)



