

# Health & Care Information Model:

## nl.zorg.DispenseRequest-v4.0

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# Content

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# 1. nl.zorg.DispenseRequest-v4.0

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	2.16.840.1.113883.2.4.3.11.60.40.3.9.10
DCM::KeywordList	Medicatie, Verstrekkingverzoek
DCM::LifecycleStatus	Final
DCM::ModelerList	Architectuurgroep Registratie aan de Bron
DCM::Name	nl.zorg.Verstrekkingverzoek
DCM::PublicationDate	25-04-2025
DCM::PublicationStatus	Published
DCM::ReviewerList	Projectgroep Medicatieproces & Architectuurgroep Registratie aan de Bron
DCM::RevisionDate	10-04-2024
DCM::Supersedes	nl.zorg.Verstrekkingverzoek-v3.0
DCM::Version	4.0
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.

Publicatieversie 2.0 (10-06-2022)

Bevat: ZIB-1721.

Publicatieversie 3.0 (15-10-2023)

Bevat: ZIB-1462.

Publicatieversie 4.0 (15-04-2024)

Bevat: ZIB-1989, ZIB-2128, ZIB-2132, ZIB-2164, ZIB-2176.

## 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

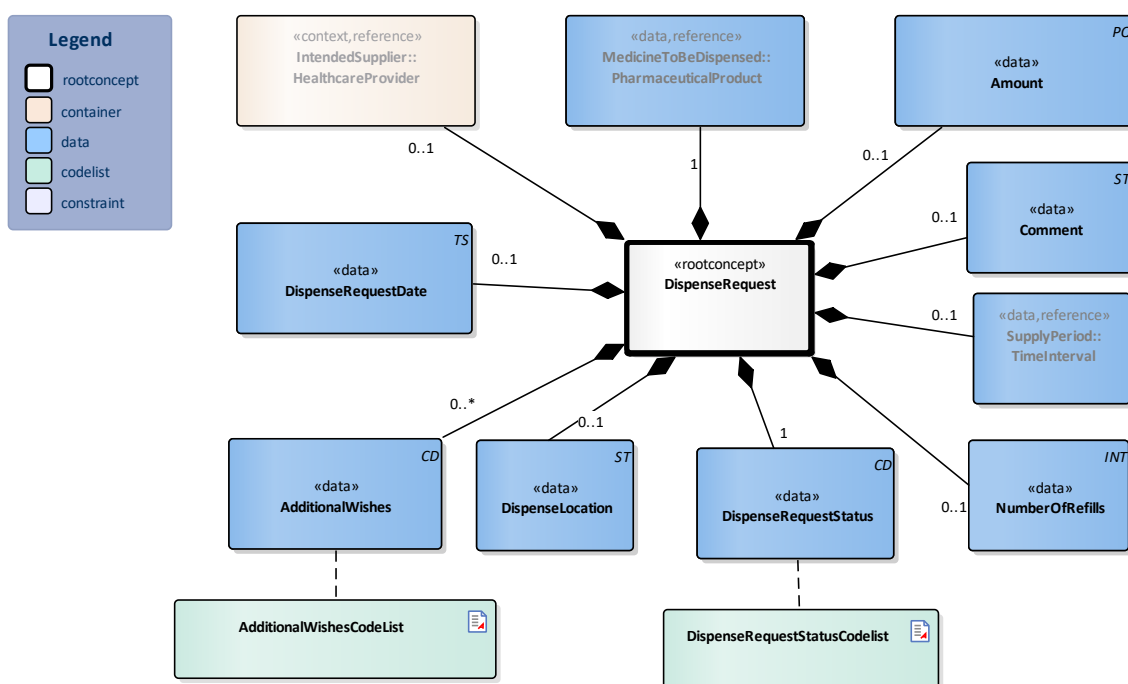
### 1.4 Purpose

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



<b>«rootconcept»</b>	<b>DispenseRequest</b>	
<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>		

<b>«context»</b>	<b>IntendedSupplier::HealthcareProvider</b>	
<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>		

<b>«data»</b>	<b>MedicineToBeDispensed::PharmaceuticalProduct</b>	
<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 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>	TS	
<b>DCM::ConceptId</b>	NL-CM:9.10.20060	
<b>Opties</b>		

<b>«data»</b>	<b>SupplyPeriod::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 supply period can be described by only an end date: the approved end date of use.</p> <p>Toegestane eenheden voor de duur zijn: uur, dag, week, jaar.</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>	INT	
<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>	PQ	
<b>DCM::ConceptId</b>	NL-CM:9.10.19964	
<b>Opties</b>		

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

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

<b>«data»</b>	<b>DispenseRequestStatus</b>	
<b>Definitie</b>	Status of the order in the ordering process, such as e.g. 'cancelled', 'ordered'	
<b>Datatype</b>	CD	
<b>DCM::ConceptId</b>	NL-CM:9.10.22760	
<b>DCM::ValueSet</b>	DispenseRequestStatusCodeList	OID: 2.16.840.1.113883.2.4.3.11.60.40.2.9.10.2
<b>Opties</b>		

<b>«data»</b>	<b>Comment</b>	
<b>Definitie</b>	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.	
<b>Datatype</b>	ST	
<b>DCM::ConceptId</b>	NL-CM:9.10.22274	
<b>DCM::DefinitionCode</b>	LOINC: 48767-8 Annotation comment	
<b>Opties</b>		

<b>«document»</b>	<b>DispenseRequestStatusCodeList</b>	
<b>Definitie</b>		
<b>Datatype</b>		
<b>DCM::ValueSetBinding</b>	Required	
<b>DCM::ValueSetId</b>	2.16.840.1.113883.2.4.3.11.60.40.2.9.10.2	
<b>DCM::ValueSetIncludeOTH</b>	False	
<b>DCM::ValueSetStatus</b>	Active	
<b>HCIM::ValueSetLanguage</b>	--	
<b>Opties</b>		

<b>VerstrekkingverzoekStatusCodeLijst</b>			<b>OID: 2.16.840.1.113883.2.4.3.11.60.40.2.9.10.2</b>	
Concept Name	Concept Code	Coding Syst. Name	Coding System OID	Description
Active	active	ActStatus	2.16.840.1.113883.5.14	Actief
Suspended	suspended	ActStatus	2.16.840.1.113883.5.14	Onderbroken
Aborted	aborted	ActStatus	2.16.840.1.113883.5.14	Afgebroken
Completed	completed	ActStatus	2.16.840.1.113883.5.14	Voltooid
Cancelled	cancelled	ActStatus	2.16.840.1.113883.5.14	Niet gestart

«document»		AdditionalWishesCodeList		
Definitie		The G-standard contains a copy of the MP value lists.		
Datatype				
DCM::ValueSetBinding		Required		
DCM::ValueSetId		2.16.840.1.113883.2.4.3.11.6 0.40.2.9.10.1		
DCM::ValueSetInclude OTH		False		
DCM::ValueSetStatus		Active		
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	Medicatieproces VV aanvullende wensen	2.16.840.1.113883.2.4.3.11.60.20.77.5.2.14.2051	Spoed
Niet in GDS	2	Medicatieproces VV aanvullende wensen	2.16.840.1.113883.2.4.3.11.60.20.77.5.2.14.2051	Niet in GDS
Bezorgen	3	Medicatieproces VV aanvullende wensen	2.16.840.1.113883.2.4.3.11.60.20.77.5.2.14.2051	Bezorgen
In manu medici (IMM)	4	Medicatieproces VV aanvullende wensen	2.16.840.1.113883.2.4.3.11.60.20.77.5.2.14.2051	In manu medici (IMM)

Legend	
Definitie	
Datatype	
Opties	

## 1.8 Example Instances

VerstrekkingsoekDatum	Te verstrekken hoeveelheid	AantalHerhalingen	TeVerstrekkenGeneesmiddel	Verbruikperiode			BeoogdVerstrekker	Aflieverlocatie	Aanvullende wensen	
			ProductCode	IngangsDatum	Einddatum	Duur	Zorgaanbieder			
13-07-15	40 stuks	0	Metoclopramide zepil 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**

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