

# Health&Care Information Model: nl.zorg.MedicatieVerstrekking

Final

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

DCM::CoderList	Kerngroep Registratie aan de Bron
DCM::ContactInformation.Address	
DCM::ContactInformation.Name	*
DCM::ContactInformation.Telecom	
DCM::ContentAuthorList	Projectgroep Generieke Overdrachtsgegevens & Kerngroep Registratie aan de Bron
DCM::CreationDate	19-12-2013
DCM::DeprecatedDate	
DCM::DescriptionLanguage	nl
DCM::EndorsingAuthority.Address	
DCM::EndorsingAuthority.Name	PM
DCM::EndorsingAuthority.Telecom	
DCM::Id	2.16.840.1.113883.2.4.3.11.60.40.3.9.4
DCM::KeywordList	Medicatie, Verstrekking
DCM::LifecycleStatus	Final
DCM::ModelerList	Kerngroep Registratie aan de Bron
DCM::Name	nl.zorg.MedicatieVerstrekking
DCM::PublicationDate	1-5-2016
DCM::PublicationStatus	Published
DCM::ReviewerList	Projectgroep Generieke Overdrachtsgegevens & Kerngroep Registratie aan de Bron
DCM::RevisionDate	1-4-2015
DCM::Superseeds	nl.nfu.MedicatieVerstrekking-v1.0
DCM::Version	3.0

## 1.1 Revision History

Publicatieversie 1.0 (01-04-2015)

Bevat: ZIB-56, ZIB-308.

Incl. algemene wijzigingsverzoeken:

ZIB-94, ZIB-154, ZIB-200, ZIB-201, ZIB-309, ZIB-324, ZIB-326.

Publicatieversie 3.0 (01-05-2016)

Bevat: ZIB-453

## 1.2 Concept

Medication supply describes the supply of a medicinal product to a specific patient (or the administerer or a representative), with the intention of it being used according to the included instructions (usually to honor the supply request in a medication prescription).

Medication supply takes place when the patient (or any of the others listed above) physically receives the product.

## 1.3 Mindmap

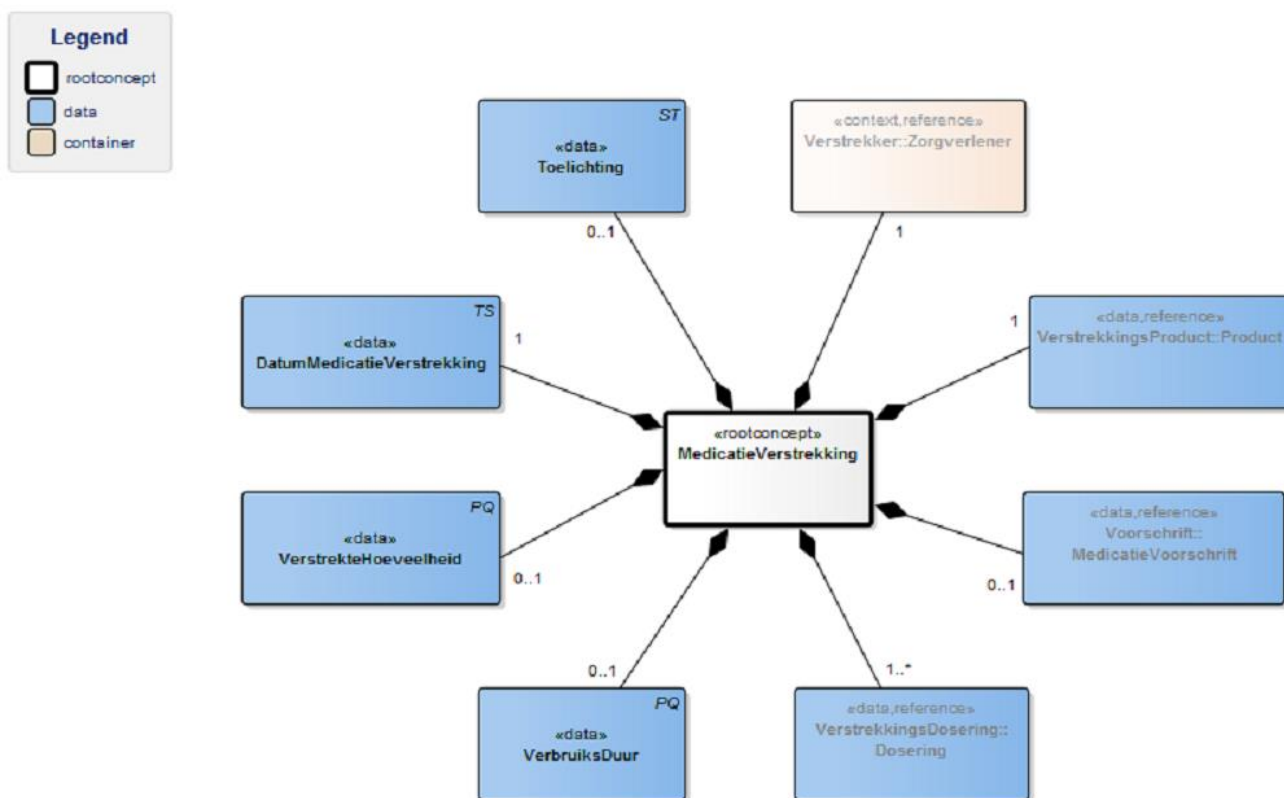
## 1.4 Purpose

Recording supply information can be an important step in drawing up an up-to-date medication profile.

## 1.5 Patient Population

## 1.6 Evidence Base

## 1.7 Information Model



«rootconcept»	MedicatieVerstrekking
Alias	EN: MedicationSupply
Definition	Root concept of the MedicationSupply information model. This root concept contains all data elements of the MedicationSupply information model.
Datatype	
DCM::DefinitionCode	NL-CM:9.4.1
Options	

«data»	Verstrekking::Product
Alias	EN: Prescription::MedicationPrescription
Definition	<p>The supplied product is usually a medicine. Strictly speaking, food, blood products, aids and bandages do not fall under the category of medication, but supplying these products can be reported in the same manner. In most cases, the supplied product will match the product prescribed in the medication prescription.</p> <p>In principle, this will be the prescribed product, but the supplier may substitute it by replacing the prescribed product with an equivalent</p>

	product. Furthermore, the supplier can replace a generically formulated prescribed product by a trade product, or they can replace the prescribed trade product with a different trade product.	
<b>Datatype</b>		
<b>DCM::DefinitionCode</b>	NL-CM:9.4.3	
<b>DCM::ReferencedDefinitionCode</b>	NL-CM:9.5.6	Dit is een verwijzing naar concept Product in information model MedicatieVoorschrift.
<b>Options</b>		

<b>«data»</b>	<b>Voorschrift::MedicatieVoorschrift</b>	
<b>Alias</b>	EN: Prescription::MedicationPrescription	
<b>Definition</b>	An agreement or order for the use of medication.	
<b>Datatype</b>		
<b>DCM::DefinitionCode</b>	NL-CM:9.4.4	
<b>DCM::ReferencedDefinitionCode</b>	NL-CM:9.5.1	Dit is een verwijzing naar concept MedicatieVoorschrift in information model MedicatieVoorschrift.
<b>Options</b>		

<b>«data»</b>	<b>VerstrekkingsDosering::Dosering</b>	
<b>Alias</b>	EN: SuppliedDose::Dose	
<b>Definition</b>	<p>Instructions for the administerer to administer the medication (the patient themselves, a nurse or other aid).</p> <p>The supplied dose will constitute more specified details of the administering schedule from the prescription, especially in terms of the administering schedule. For example, the prescription could contain 4xd1, which is then translated by the supplier into a label text as '1 unit to be taken 4 times a day, during meals'. In the case of Baxter packs, these kinds of codes are translated from '4xd1' to specific times, such as 9:00am, 12:00pm, etc.</p>	
<b>Datatype</b>		
<b>DCM::DefinitionCode</b>	NL-CM:9.4.5	
<b>DCM::ExampleValue</b>	4x/dag 1 tablet via de mond voor de maaltijd en voor het slapen gaan	
<b>DCM::ReferencedDefinitionCode</b>	NL-CM:9.5.4	Dit is een verwijzing naar concept Dosering in information model MedicatieVoorschrift.
<b>Options</b>		

<b>«data»</b>	<b>VerbruiksDuur</b>	
<b>Alias</b>	EN: DurationOfUse	
<b>Definition</b>	The period in which the medication is expected to be used. The value depends on the dose and the amount supplied.	
<b>Datatype</b>	PQ	
<b>DCM::DefinitionCode</b>	NL-CM:9.4.6	
<b>DCM::ExampleValue</b>	3 mnd	
<b>Options</b>		

<b>«data»</b>	<b>VerstreckteHoeveelheid</b>	
<b>Alias</b>	EN: SuppliedAmount	

<b>Definition</b>	Number of units of the product (measured based on the relevant product code) supplied.	
<b>Datatype</b>	PQ	
<b>DCM::DefinitionCode</b>	NL-CM:9.4.8	
<b>DCM::ExampleValue</b>	100 st	
<b>Options</b>		

<b>«data»</b>	<b>DatumMedicatieVerstrekking</b>	
<b>Alias</b>	EN: MedicationSupplyDate	
<b>Definition</b>	The date and time at which the medication was supplied.	
<b>Datatype</b>	TS	
<b>DCM::DefinitionCode</b>	NL-CM:9.4.7	
<b>DCM::ExampleValue</b>	20100812	
<b>Options</b>		

<b>«context»</b>	<b>Verstrekker::Zorgverlener</b>	
<b>Alias</b>	EN: Supplier::HealthcareProvider	
<b>Definition</b>	In almost all cases, the supplier will be a registered pharmacist. In principle, it could also be supplied by a webshop (in case of an online order), a drugstore or a foreign pharmacy.	
<b>Datatype</b>		
<b>DCM::DefinitionCode</b>	NL-CM:9.4.2	
<b>DCM::ReferencedDefinitionCode</b>	NL-CM:17.1.1	Dit is een verwijzing naar concept Zorgverlener in information model Zorgverlener.
<b>Options</b>		

<b>«data»</b>	<b>Toelichting</b>	
<b>Alias</b>	EN: Explanation	
<b>Definition</b>	Comments on supplying the medication.	
<b>Datatype</b>	ST	
<b>DCM::DefinitionCode</b>	NL-CM:9.4.9	
<b>Options</b>		

## 1.8 Example Instances

VerstrekingsProduct	DatumMedicatie Verstrekking	Verstekte Hoeveelheid	VerbruiksDuur	VerstrekingsDoserings	
ProductNaam				Keerdosis   Toedieningsschema	ToedieningsWeg
Paracetamol tablet 500 mg	3-5-2012	100 tabletten	4 weken	Zo nodig 500mg (=1st), max. 4x/dag	oraal

VerstrekingsProduct	DatumMedicatie Verstrekking	Verstekte Hoeveelheid	VerbruiksDuur	VerstrekingsDoserings	
ProductNaam				Keerdosis   Toedieningsschema	ToedieningsWeg
Pantoprazol inj pdr 40mg fl	11-9-2012 0:00	5 flacons	5 dagen	1x/dag(8u) 40mg (=1st)	iv

VerstrekingsProduct	DatumMedicatie Verstrekking	Verstekte Hoeveelheid	VerbruiksDuur	VerstrekingsDoserings	
ProductNaam				Keerdosis   Toedieningsschema	ToedieningsWeg
Dalteparine 2500 inj vlst 12.500 ie/ml wwsp 0,2ml	19-9-2012	90 stuks	90 dagen	1x/dag(18u) 2500ie(=0,2ml)	subcutaan

VerstrekingsProduct	DatumMedicatie Verstrekking	Verstekte Hoeveelheid	VerbruiksDuur	VerstrekingsDoserings	
ProductNaam				Aanvullende Toelichting	ToedieningsWeg
Prednison 5mg	1-9-2012	100 stuks		Volgens afbouwschema	oraal

## 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

- GROOT, E. (2011) *Dataset medicatieproces 2011*. [Online] Den Haag: Nictiz. Beschikbaar op: [http://www.nictiz.nl/module/360/590/Dataset\\_Medicatieproces\\_2011.xlsx](http://www.nictiz.nl/module/360/590/Dataset_Medicatieproces_2011.xlsx) [Geraadpleegd: 23 juli 2014].
- HL7v3-implementatiehandleiding medicatieproces versie 6.1.0.0*. [Online] Den Haag: Nictiz. Beschikbaar op: [http://www.nictiz.nl/uploaded/FILES/html\\_cabinet/live/Zorgtoepassing/Medicatieproces/AORTA\\_Mp\\_IH\\_Medicatieproces\\_HL7.htm](http://www.nictiz.nl/uploaded/FILES/html_cabinet/live/Zorgtoepassing/Medicatieproces/AORTA_Mp_IH_Medicatieproces_HL7.htm) [Geraadpleegd: 23 juli 2014].
- Dossier Medicatieoverzicht*. [Online] Beschikbaar op: [Oria.nl](http://www.oria.nl). [Geraadpleegd: 23 juli 2014].
- G-standaard documentatie*. [Online] Beschikbaar op: <http://www.z-index.nl/> [Geraadpleegd: 23 juli 2014].

## 1.16 Functional Model

## 1.17 Traceability to other Standards

### 1.18 Disclaimer

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