

Health & Care Information Model: nl.zorg.MedicationDispense-v3.0

Status:Final

Release:2016

Release status: Published

Managed by:

Better health
through better IT

Nictiz 

Content

1. nl.zorg.MedicationDispense-v3.0	3
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	6
1.10 Interpretation	6
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.MedicationDispense-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
HCIM::PublicationLanguage	EN

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

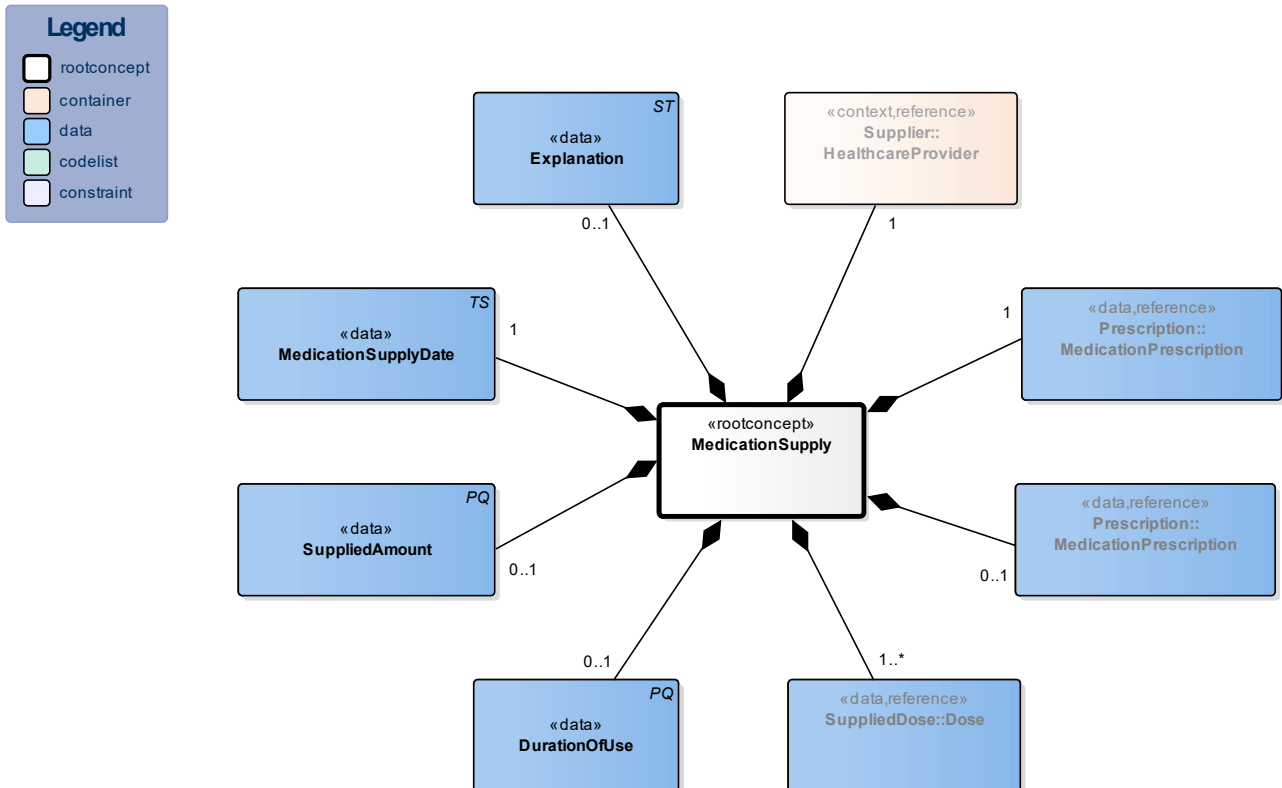
1.4 Purpose

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»	MedicationSupply
Definitie	Root concept of the MedicationSupply information model. This root concept contains all data elements of the MedicationSupply information model.
Datatype	
DCM::ConceptId	NL-CM:9.4.1
Opties	

«data»	Prescription::MedicationPrescription
Definitie	<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 product. Furthermore, the supplier can replace a generically formulated</p>

	prescribed product by a trade product, or they can replace the prescribed trade product with a different trade product.	
Datatype		
DCM::ConceptId	NL-CM:9.4.3	
DCM::ReferencedConceptId	NL-CM:9.5.6	Dit is een verwijzing naar concept Product in information model MedicatieVoorschrift.
Opties		

«data»	Prescription::MedicationPrescription	
Definitie	An agreement or order for the use of medication.	
Datatype		
DCM::ConceptId	NL-CM:9.4.4	
DCM::ReferencedConceptId	NL-CM:9.5.1	Dit is een verwijzing naar concept MedicatieVoorschrift in information model MedicatieVoorschrift.
Opties		

«data»	SuppliedDose::Dose	
Definitie	<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>	
Datatype		
DCM::ConceptId	NL-CM:9.4.5	
DCM::ExampleValue	4x/dag 1 tablet via de mond voor de maaltijd en voor het slapen gaan	
DCM::ReferencedConceptId	NL-CM:9.5.4	Dit is een verwijzing naar concept Dosering in information model MedicatieVoorschrift.
Opties		

«data»	DurationOfUse	
Definitie	The period in which the medication is expected to be used. The value depends on the dose and the amount supplied.	
Datatype	PQ	
DCM::ConceptId	NL-CM:9.4.6	
DCM::ExampleValue	3 mnd	
Opties		

«data»	SuppliedAmount	
Definitie	Number of units of the product (measured based on the relevant product code) supplied.	
Datatype	PQ	
DCM::ConceptId	NL-CM:9.4.8	

DCM::ExampleValue	100 st	
Opties		

«data»	MedicationSupplyDate	
Definitie	The date and time at which the medication was supplied.	
Datatype	TS	
DCM::ConceptId	NL-CM:9.4.7	
DCM::ExampleValue	20100812	
Opties		

«context»	Supplier::HealthcareProvider	
Definitie	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.	
Datatype		
DCM::ConceptId	NL-CM:9.4.2	
DCM::ReferencedConceptId	NL-CM:17.1.1	Dit is een verwijzing naar concept Zorgverlener in information model Zorgverlener.
Opties		

«data»	Explanation	
Definitie	Comments on supplying the medication.	
Datatype	ST	
DCM::ConceptId	NL-CM:9.4.9	
Opties		

1.8 Example Instances

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

VerstrekkingsProduct	DatumMedicatie Verstrekkung	Verstekte Hoeveelheid	VerbruiksDuur	VerstrekkingsDoserung	
ProductNaam				Keerdosis Toedieningsschema	ToedieningsWeg
Pantoprazol injpdr 40mg fl	11-9-2012 0:00	5 flacons	5 dagen	1x/dag(8u) 40mg (=1st)	iv

VerstrekkingsProduct	DatumMedicatie Verstrekkung	Verstekte Hoeveelheid	VerbruiksDuur	VerstrekkingsDoserung	
ProductNaam				Keerdosis Toedieningsschema	ToedieningsWeg
Dalteparine 2500 injvlst 12.500 ie/ml wwsp 0,2ml	19-9-2012	90 stuks	90 dagen	1x/dag(18u) 2500ie(=0,2ml)	subcutaan

VerstrekkingsProduct	DatumMedicatie Verstrekkung	Verstekte Hoeveelheid	VerbruiksDuur	VerstrekkingsDoserung	
ProductNaam				AanvullendeToelichting	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

1. GROOT, E. (2011) *Dataset medicatieproces 2011*. [Online] Den Haag: Nictiz. Beschikbaar op: http://www.nictiz.nl/module/360/590/Dataset_Medicatieproces_2011.xlsx [Geraadpleegd: 23 juli 2014].
2. *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 [Geraadpleegd: 23 juli 2014].
3. *Dossier Medicatieoverzicht*. [Online] Beschikbaar op: Oria.nl. [Geraadpleegd: 23 juli 2014].
4. *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

This Health and Care Information Model (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 this Health and Care Information Model. 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 this 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 information in this Health and Care Information Model without limitations. The copyright provisions in the paragraph concerned apply to copying, distributing and passing on information from this Health and Care Information Model.

1.20 Copyrights

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/>)