Health&Care Information Model:

nl.zorg.MedicatieGebruik

Final

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Content

1. nl.zorg.MedicatieGebruik-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	2.16.840.1.113883.2.4.3.11.60.40.3.9.2
DCM::KeywordList	Medicatie, Feitelijk Gebruik, Gebruik
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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 1.0.1 (22-05-2015)
Bevat: ZIB-381.

Publicatieversie 3.0 (01-05-2016)
Bevat: ZIB-453

1.2 Concept

MedicationUse describes taking or administering the medication, often in relation to a prescription, but also on the person's own initiative. This describes the pattern of medication use, as reported by the patient themselves, a caregiver or healthcare provider. Documenting medication use provides insight into the use of prescribed medication as well as the use of medication at home.

1.3 Mindmap

1.4 Purpose

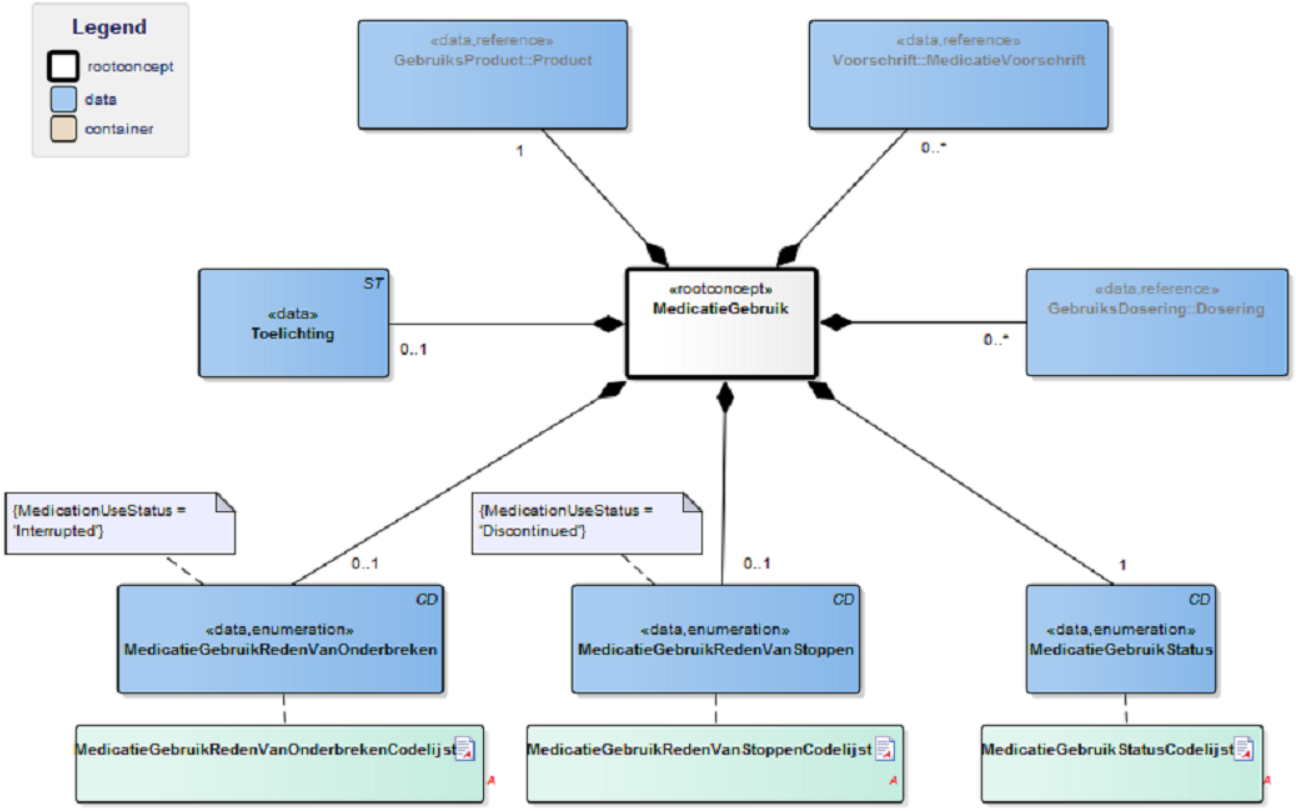
Recording medication information is a very important part of continuity in healthcare. It concerns the core of patient safety. Healthcare professionals in the collaborative branch must always have access to an up-to-date medication overview. Applying the information model will usually involve:

- Recording the patient's intake of self-medication or 'drugs'.
- Recording the medication used during a patient's stay at the hospital.
- Medication verification: recording the active medication profile.

1.5 Patient Population

1.6 Evidence Base

1.7 Information Model



«rootconcept»	MedicatieGebruik	
Alias	Gebruik, medicatie EN: Use, medication	
Definition	Root concept of the MedicationUse information model. This root concept contains all data elements of the MedicationUse information model.	
Datatype		
DCM::DefinitionCode	NL-CM:9.2.1	
Options		

«data»	GebruiksProduct::Product
Alias	EN: ProductUsed::Product
Definition	The product used. This is usually medication. Food, blood products, aids

	and bandages do not strictly fall under the category of medication, but can be recorded as well. In principle, this will be the prescribed product, but the product used may differ from the prescribed product.	
Datatype		
DCM::DefinitionCode	NL-CM:9.2.2	
DCM::ReferencedDefinitionCode	NL-CM:9.5.6	Dit is een verwijzing naar concept Product in information model MedicatieVoorschrift.
Options		

«data»	Voorschrift::MedicatieVoorschrift	
Alias	EN: Prescription	
Definition	The agreement or order for the use of medication.	
Datatype		
DCM::DefinitionCode	NL-CM:9.2.3	
DCM::ReferencedDefinitionCode	NL-CM:9.5.1	Dit is een verwijzing naar concept MedicatieVoorschrift in information model MedicatieVoorschrift.
Options		

«data»	GebruiksDosering::Dosering	
Alias	EN: UsedDosage::Dosage	
Definition	When taking stock of medication use, the dosage describes the amount and the pattern of use as reported by the patient or a healthcare provider. The used dosage is the reported dose used by the patient. The used dosage may differ in terms of the administering schedule of the prescribed dosage in the event that the patient makes different decisions on their use of the product and reports as such.	
Datatype		
DCM::DefinitionCode	NL-CM:9.2.4	
DCM::ExampleValue	4x/dag 1 tablet via de mond voor de maaltijd en voor het slapen gaan.	
DCM::ReferencedDefinitionCode	NL-CM:9.5.4	Dit is een verwijzing naar concept Dosering in information model MedicatieVoorschrift.
Options		

«data»	MedicatieGebruikStatus
Alias	EN: status
Definition	The status or status code is important in indicating the use schedule. This attribute indicates whether the prescription is actively used, temporarily interrupted, or by now discontinued. Interrupting (home) use often occurs in the event of admittance to a healthcare facility, prior to a procedure and in response to monitoring (mirroring provisions, effect measurements, etc.). When documenting this, the following interpretations are used: • Active: The product is used. • Interrupted: Use has (temporarily) been interrupted, because of a surgical procedure, for example. Later, the patient and/or doctor can

	decide whether or not to resume or discontinue use. • Discontinued: Use has been stopped for a specific reason. • Completed: Use has now been completed (according to the plan, prescription or agreement).] • Not started: The product was never used.	
Datatype	CD	
DCM::DefinitionCode	NL-CM:9.2.5	
DCM::ExampleValue	Actief	
DCM::ValueSet	MedicatieGebruikStatusCodelijst	OID: 2.16.840.1.113883.2.4.3.11.60.40.2.9.2.1
Options		

«data»	MedicatieGebruikRedenVanStoppen	
Alias	EN: MedicationUseReasonForDiscontinuation	
Definition	Reason why the use of a certain medicine was discontinued.	
Datatype	CD	
DCM::DefinitionCode	NL-CM:9.2.6	
DCM::ValueSet	MedicatieGebruikRedenVanStoppenCodelijst	OID: 2.16.840.1.113883.2.4.3.11.60.40.2.9.2.2
Options		

«data»	MedicatieGebruikRedenVanOnderbreken	
Alias	EN: MedicationUseReasonForInterruption	
Definition	Reason why the use of a certain medicine was interrupted. Here, you can choose to enter text or one of the codes.	
Datatype	CD	
DCM::DefinitionCode	NL-CM:9.2.7	
DCM::ValueSet	MedicatieGebruikRedenVanOnderbrekenCodelijst	OID: 2.16.840.1.113883.2.4.3.11.60.40.2.9.2.3
Options		

«data»	Toelichting	
Alias	EN: Explanation	
Definition	Comments on the medication use.	
Datatype	ST	
DCM::DefinitionCode	NL-CM:9.2.8	
Options		

«document»	MedicatieGebruikStatusCodelijst
Alias	
Definition	
Datatype	
Options	

MedicatieGebruikStatusCodelijst			**OID: 2.16.840.1.113883.2.4.3.11.60.40.2.9.2.1**	
Concept Name	**Concept Code**	**Code System Name**	**Code System OID**	**Description**
Active	active	ActStatus	2.16.840.1.113883	Actief

			.5.14	
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»	MedicatieGebruikRedenVanStoppenCodelijst
Alias	
Definition	
Datatype	
Options	

MedicatieGebruikRedenVanStoppenCodelijst			**OID: 2.16.840.1.113883.2.4.3.11.60.40.2.9.2.2**	
Concept Name	**Concept Code**	**Coding Syst. Name**	**Coding System OID**	**Description**
Intolerance	SINTOL	ActReason	2.16.840.1.113883.5.8	Bijwerking, allergie of intolerantie
Condition alert	COND	ActCode	2.16.840.1.113883.5.4	Contra-indicatie
Drug interacts with another drug	SDDI	ActReason	2.16.840.1.113883.5.8	Interactie met ander medicament
Dose change	DOSECHG	ActReason	2.16.840.1.113883.5.8	Dosiswijziging
No longer required for treatment	NOREQ	ActReason	2.16.840.1.113883.5.8	Niet langer vereist voor de behandeling
Ineffective	INEFFECT	ActReason	2.16.840.1.113883.5.8	Niet effectief
Formulary policy	FP	ActReason	2.16.840.1.113883.5.8	Ander voorschrijfbeleid
Product discontinued	DISCONT	ActReason	2.16.840.1.113883.5.8	Product niet meer leverbaar
Not covered	NOTCOVER	ActReason	2.16.840.1.113883.5.8	Product wordt niet vergoed
Patient refuse	PREFUS	ActReason	2.16.840.1.113883.5.8	Patiënt heeft geweigerd

«document»	MedicatieGebruikRedenVanOnderbrekenCodelijst
Alias	
Definition	
Datatype	
Options	

MedicatieGebruikRedenVanOnderbrekenCodelijst			**OID: 2.16.840.1.113883.2.4.3.11.60.40.2.9.2.3**	
Concept Nam	**Concept**	**Code Syst**	**Code System OID**	**Description**

e	Code	emName		
Drug level too high	DRUGHIGH	ActReason	2.16.840.1.113883.5.8	Te hoge geneesmiddel spiegel
Lab interference issues	LABINT	ActReason	2.16.840.1.113883.5.8	Interferentie met gepland labonderzoek
Patient is pregnant/breast feeding	PREG	ActReason	2.16.840.1.113883.5.8	Patiënt is zwangerschap of geeft borstvoeding
Patient not-available	NON-AVAIL	ActReason	2.16.840.1.113883.5.8	Patiënt is niet beschikbaar
Response to monitoring	MONIT	ActReason	2.16.840.1.113883.5.8	Reactie op monitoring
Drug interacts with another drug	SDDI	ActReason	2.16.840.1.113883.5.8	Interactie met ander medicament
Duplicate therapy	SDUPTHER	ActReason	2.16.840.1.113883.5.8	Een andere therapie maakt het gebruik tijdelijk overbodig
Patient scheduled for surgery	SURG	ActReason	2.16.840.1.113883.5.8	Patient is ingepland voor een ingreep
Waiting for old drug to wash	WASHOUT	ActReason	2.16.840.1.113883.5.8	Tijdelijk onderbreken tot ander geneesmiddel geen werking

out				meer uitoefent

1.8 Example Instances

GebruiksProduct	GebruiksDosering				MedicatieGebruikStatus	Voorschrift
ProductNaam	StartDatum	EindDatum	Keerdosis | Toedieningsschema	Toedienings Weg		Reden van Voorschrijven
						Probleem
Paracetamol tablet 500 mg	05-2012		Zo nodig 500mg (=1st), max. 4x/dag	Oraal	Actief	Hoofdpijn

GebruiksProduct	GebruiksDosering				MedicatieGebruikStatus	Voorschrift
ProductNaam	StartDatum	EindDatum	Keerdosis | Toedieningsschema	Toedienings Weg		Reden van Voorschrijven
						Probleem
Pantoprazol injpdr 40mg fl	11-09-2012 17:21		1x/dag(8u) 40mg (=1st)	iv	Actief	Ulcusprofylaxe

GebruiksProduct	GebruiksDosering				MedicatieGebruikStatus	Voorschrift
ProductNaam	StartDatum	EindDatum	Keerdosis | Toedieningsschema	Toedienings Weg		Reden van Voorschrijven
						Probleem
Dalteparine 2500 injvlst 12.500 ie/ml wwsp 0,2ml	19-09-2012		1x/dag(18u) 2500ie(=0,2ml)	Subcutaan	Actief	Thrombose-profylaxe

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

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