Health & Care Information Model:

nl.zorg.DrugUse-v3.2

Status:Final
Release:2018
Release status: Prepublished

Managed by:

Content

1. nl.zorg.DrugUse-v3.2

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	5-7-2012
DCM::DeprecatedDate	
DCM::DescriptionLanguage	nl
DCM::EndorsingAuthority.Address	
DCM::EndorsingAuthority.Name	PM
DCM::EndorsingAuthority.Telecom	
DCM::Id	2.16.840.1.113883.2.4.3.11.60.40.3.7.4
DCM::KeywordList	drugsgebruik, verdovende middelen, middelen gebruik, drugs
DCM::LifecycleStatus	Final
DCM::ModelerList	Kerngroep Registratie aan de Bron
DCM::Name	nl.zorg.DrugsGebruik
DCM::PublicationDate	26-02-2019
DCM::PublicationStatus	Prepublished
DCM::ReviewerList	Projectgroep Generieke Overdrachtsgegevens & Kerngroep Registratie aan de Bron
DCM::RevisionDate	31-12-2017
DCM::Superseeds	nl.zorg.DrugsGebruik-v3.1
DCM::Version	3.2
HCIM::PublicationLanguage	EN

1.1 Revision History

Publicatieversie 1.0 (15-02-2013)

Publicatieversie 1.1 (01-07-2013)

Publicatieversie 1.2 (01-04-2015)
Bevat: ZIB-138, ZIB-139, ZIB-158, ZIB-161, ZIB-167, ZIB-224, ZIB-225, ZIB-308, ZIB-312, ZIB-313, ZIB-316, ZIB-319.

Incl. algemene wijzigingsverzoeken:
ZIB-94, ZIB-154, ZIB-200, ZIB-201, ZIB-309, ZIB-324, ZIB-326.

Publicatieversie 1.2.1 (22-05-2015)
Bevat: ZIB-388.

Publicatieversie 1.2.2 (16-07-2015)
Bevat: ZIB-418.

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

Publicatieversie 3.1 (04-09-2017)
Bevat: ZIB-475, ZIB-488, ZIB-505, ZIB-512, ZIB-564.

Publicatieversie 3.2 (31-12-2017)

Bevat: ZIB-555.

1.2 Concept

Drugs (or: narcotics, amphetamines, intoxicants, highs, hallucinogenics, illegal substances or dope) is a collective term for drugs and chemical substances with a more or less 'drugging' (anesthetic, boosting and/or hallucinogenic) effect and which can lead to addiction. Drug [Online] Available at: nl.Wikipedia.org/wiki/drug [Accessed: 11 February 2015].

This information model describes the information asked of the patient about their drug use.

1.3 Mindmap

1.4 Purpose

Documenting and sharing registration of the drug use, as described in the concept.
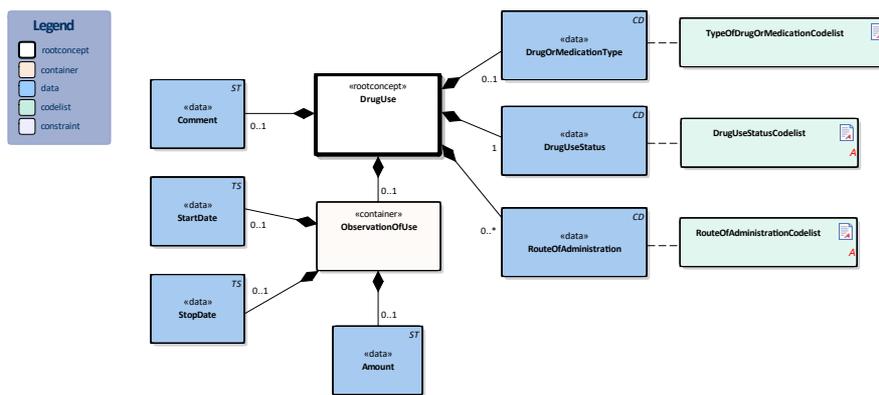
1.5 Patient Population

1.6 Evidence Base

Though this information model can also be used to abuse (the patient's own) medication, the project group eventually decided to focus on information on drug use, as described in the concept.
Seeing as there is a large variety of ways to record the amount of drugs used, we decided that this part is to be entered as free text.

1.7 Information Model

«rootconcept»	DrugUse	
Definitie	Root concept of the DrugUse information model. This concept contains all data elements of the DrugUse information model.	
Datatype		
DCM::ConceptId	NL-CM:7.4.1	
Opties		

«container»	ObservationOfUse	
Definitie	Container for ObservationOfUse. This container contains all data elements of the ObservationOfUse container.	
Datatype		

DCM::ConceptId	NL-CM:7.4.5	
Opties		

«data»	StartDate	
Definitie	The date on which the patient started using.	
Datatype	TS	
DCM::ConceptId	NL-CM:7.4.6	
DCM::ExampleValue	1975	
Opties		

«data»	StopDate	
Definitie	The date on which the patient quit using	
Datatype	TS	
DCM::ConceptId	NL-CM:7.4.7	
DCM::ExampleValue	28-02-2012	
Opties		

«data»	Amount	
Definitie	The number of units (pills, joints, shots etc.) per day, week, month or year or the frequency of use.	
Datatype	ST	
DCM::ConceptId	NL-CM:7.4.8	
DCM::ExampleValue	3 maal per week	
Opties		

«data»	Comment	
Definitie	Relevant comments on the drug use.	
Datatype	ST	
DCM::ConceptId	NL-CM:7.4.9	
DCM::DefinitionCode	LOINC: 48767-8 Annotation comment	
DCM::ExampleValue	XTC	
Opties		

«data»	DrugOrMedicationType	
Definitie	Type of drug used by the patient.	
Datatype	CD	
DCM::ConceptId	NL-CM:7.4.2	
DCM::ExampleValue	LSD	
DCM::ValueSet	TypeOfDrugOrMedicationCodelist	OID: 2.16.840.1.113883.2.4.3.11.60.40.2.7.4.1
Opties		

«data»	DrugUseStatus	
Definitie	Indication stating whether there was any drug use in the past or present.	
Datatype	CD	
DCM::ConceptId	NL-CM:7.4.3	
DCM::DefinitionCode	SNOMED CT: 228366006 Finding related to drug misuse behaviour (finding)	
DCM::ExampleValue	Huidig gebruik	
DCM::ValueSet	DrugUseStatusCodelist	OID: 2.16.840.1.113883.2.4.3.11.60.40.2.7.4.2
Opties		

«data»	RouteOfAdministration	
Definitie	The way the drugs are used.	
Datatype	CD	
DCM::ConceptId	NL-CM:7.4.4	
DCM::DefinitionCode	SNOMED CT: 410675002 Route of administration	
DCM::ExampleValue	intraveneus (spuiten)	
DCM::ValueSet	RouteOfAdministrationCodelist	OID: 2.16.840.1.113883.2.4.3.11.60.40.2.7.4.3
Opties		

«document»	DrugUseStatusCodelist	
Definitie		
Datatype		
DCM::ValueSetBinding	Extensible	
DCM::ValueSetId	2.16.840.1.113883.2.4.3.11.60.40.2.7.4.2	
Opties		

DrugsGebruikStatusCodelijst			OID: 2.16.840.1.113883.2.4.3.11.60.40.2.7.4.2		
Concept Name	**Concept Code**	**Coding Syst. Name**	**Coding System OID**	**Description**
Misuses drugs (finding)	361055000	SNOMED CT	2.16.840.1.113883.6.96	gebruikt drugs
Does not misuse drugs (finding)	228367002	SNOMED CT	2.16.840.1.113883.6.96	gebruikt geen drugs
Has never misused drugs	228368007	SNOMED CT	2.16.840.1.113883.6.96	heeft nooit drugs gebruikt
Misused drugs in past (finding)	44870007	SNOMED CT	2.16.840.1.113883.6.96	heeft in het verleden drugs gebruikt
Other	OTH	NullFlavor	2.16.840.1.113883.5.1008	anders

«document»	RouteOfAdministrationCodelist	
Definitie		
Datatype		
DCM::ValueSetBinding	Extensible	
DCM::ValueSetId	2.16.840.1.113883.2.4.3.11.60.40.2.7.4.3	
Opties		

ToedieningswegCodelijst			OID: 2.16.840.1.113883.2.4.3.11.60.40.2.7.4.3		
Concept Name	**Concept Code**	**Coding Syst. Name**	**Coding System OID**	**Description**
ORAAL	9	G-Standaard Toedieningswegen	2.16.840.1.113883.2.4.4.9	oraal
NASAAL	6	G-Standaard Toedieningswegen	2.16.840.1.113883.2.4.4.9	nasaal (snuiven)
INHALATIE	62	G-Standaard Toedieningswegen	2.16.840.1.113883.2.4.4.9	Inhalatie (roken)
INTRAVENEUS	5	G-Standaard Toedieningswegen	2.16.840.1.113883.2.4.4.9	Intraveneus (spuiten)
Other	OTH	NullFlavor	2.16.840.1.113883.5.1008	Anders

«document»	TypeOfDrugOrMedicationCodelist	
Definitie		
Datatype		
DCM::ValueSetBinding	Extensible	
DCM::ValueSetId	2.16.840.1.113883.2.4.3.11.60.40.2.7.4.1	
Opties		

DrugsOfGeneesmiddelSoortCodelijst			OID: 2.16.840.1.113883.2.4.3.11.60.40.2.7.4.1	
Concept Name	**Concept Code**	**Coding Syst. Name**	**Coding System OID**	**Description**
Heroin (substance)	387341002	SNOMED CT	2.16.840.1.113883.6.96	Heroïne
Benzodiazepine (substance)	372664007	SNOMED CT	2.16.840.1.113883.6.96	Benzodiazepine
Methadone (substance)	387286002	SNOMED CT	2.16.840.1.113883.6.96	Methadon
Hydroxybutyric acid (substance)	62821004	SNOMED CT	2.16.840.1.113883.6.96	GHB
Cocaine (substance)	387085005	SNOMED CT	2.16.840.1.113883.6.96	Cocaïne
Cocaine freebase (substance)	229003004	SNOMED CT	2.16.840.1.113883.6.96	Crack, base coke
Methylenedioxymethamphetamine (substance)	288459003	SNOMED CT	2.16.840.1.113883.6.96	MDMA
Amphetamine (substance)	703842006	SNOMED CT	2.16.840.1.113883.6.96	Amfetamine, speed
Cannabis (substance)	398705004	SNOMED CT	2.16.840.1.113883.6.96	Cannabis, wiet marihuana, hasj
Hallucinogenic mushrooms (substance)	229006007	SNOMED CT	2.16.840.1.113883.6.96	Paddo's
Lysergic acid diethylamide (substance)	15698006	SNOMED CT	2.16.840.1.113883.6.96	LSD
Ketamine (substance)	373464007	SNOMED CT	2.16.840.1.113883.6.96	Ketamine
Phencyclidine (substance)	9721008	SNOMED CT	2.16.840.1.113883.6.96	PCP
Methamphetamine (substance)	387499002	SNOMED CT	2.16.840.1.113883.6.96	Crystal meth, methamfetamine
Anabolic steroid (substance)	111151007	SNOMED CT	2.16.840.1.113883.6.96	Anabole steroïde
Laxative (substance)	372800002	SNOMED CT	2.16.840.1.113883.6.96	Laxans
Buprenorphine (substance)	387173000	SNOMED CT	2.16.840.1.113883.6.96	Buprenorfine
Fentanyl (substance)	373492002	SNOMED CT	2.16.840.1.113883.6.96	Fentanyl
Barbiturate (substance)	372798009	SNOMED CT	2.16.840.1.113883.6.96	Barbituraat
Other	OTH	NullFlavor	2.16.840.1.113883.5.1008	Anders

	Legend	
Definitie		
Datatype		
Opties		

1.8   Example Instances

Soort Middel	Drugs Gebruik Status	Start datum	Stop datum	Toedieningsweg	Hoeveelheid	Toelichting
XTC	misbruikt drugs	1985		oraal	2x per maand	Op feestjes en in uitgaanscircuit. Vroeger wat meer dan tegenwoordig.
Soort Middel	Drugs Gebruik Status	Start datum	Stop datum	Toedieningsweg	Hoeveelheid	Toelichting
Heroïne	heeft in het verleden drugs gebruikt	1970	1985	intraveneus	3x per week	

1.9   Instructions

The 'DrugOrMedicationTypeCodelist is extensible. If the drug in question is not on the codelist, the list can be extended with a code from the SNOMED CT hierarchy 'Substance; <105590001' or if necessary from the hierarchy 'Pharmaceutical/biologic product; < 373873005'.

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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