

# Health & Care Information Model:

## nl.zorg.AdministrationAgreement-v3.0

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# Content

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

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	2.16.840.1.113883.2.4.3.11.60.40.3.9.8
DCM::KeywordList	Medicatie, Toediening
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DCM::Name	nl.zorg.Toedieningsafspraken
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DCM::Supersedes	nl.zorg.Toedieningsafspraken-v2.1
DCM::Version	3.0
HCIM::PublicationLanguage	EN

## 1.1 Revision History

Publicatieversie 1.0 (04-09-2017)

Publicatieversie 1.0.1 (31-12-2017)

Bevat: ZIB-643.

Publicatieversie 1.0.2 (31-01-2020)

Bevat: ZIB-888.

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Bevat: ZIB-911, ZIB-1006.

Publicatieversie 1.1 (01-12-2021)

Bevat: ZIB-1261, ZIB-1454, ZIB-1457, ZIB-1468.

Publicatieversie 2.0 (10-06-2022)

Bevat: ZIB-1685, ZIB-1690, ZIB-1695, ZIB-1722.

Publicatieversie 2.1 (15-10-2023)

Bevat: ZIB-1771, ZIB-1940.

Publicatieversie 3.0 (15-04-2024)

Bevat: ZIB-1903, ZIB-2162, ZIB-2202.

## 1.2 Concept

An administration agreement is the use (or administering) instructions from the pharmacist to the patient (or their representative or administrator), whereby a medication agreement is structured at a concrete level.

## 1.3 Mindmap

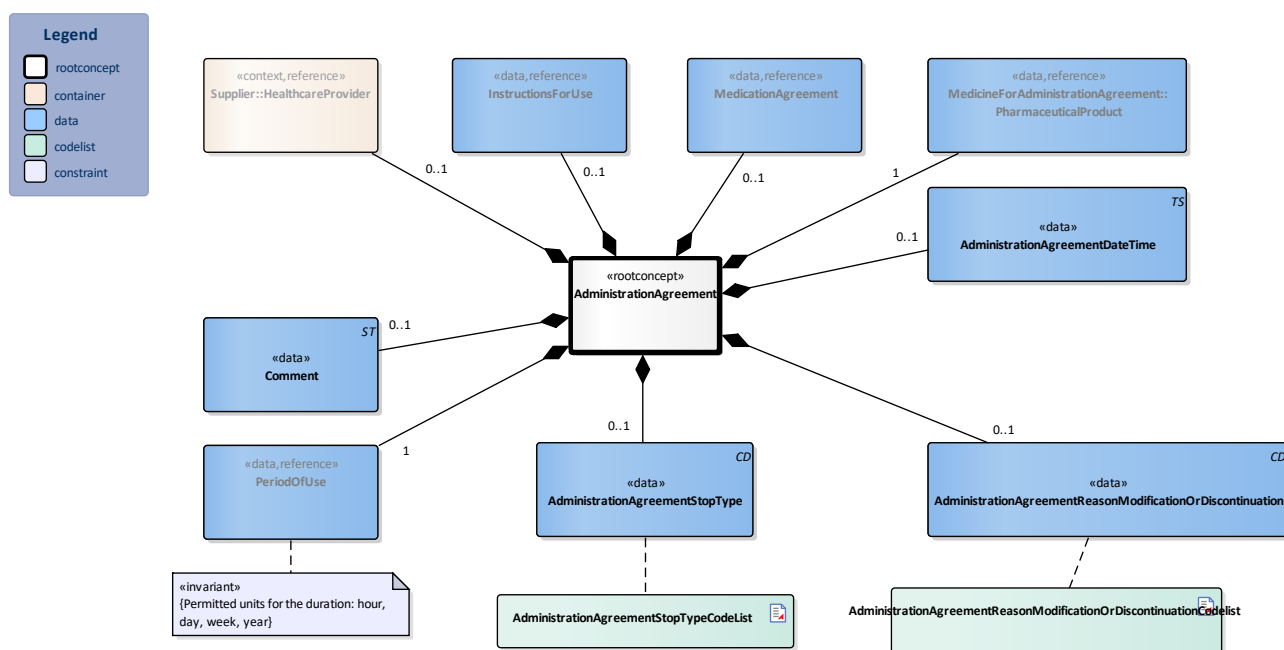
## 1.4 Purpose

The goal of the administration agreement is to provide insight into the concrete instructions for administration/use of medication.

## 1.5 Patient Population

## 1.6 Evidence Base

## 1.7 Information Model



«rootconcept»	AdministrationAgreement	
Definitie	Root concept of the AdministrationAgreement information model. This root concept contains all data elements of the AdministrationAgreement information model.	
Datatype		
DCM::ConceptId	NL-CM:9.8.20132	
DCM::DefinitionCode	SNOMED CT: 422037009 Provider medication administration instructions (procedure)	
Opties		

«data»	AdministrationAgreementReasonModificationOrDiscontinuation	
Definitie	Reason for modification or discontinuation of this agreement. This will often be the same reason as the one for modification or discontinuation of the medication agreement. This field has the option to - if applicable -	

	enter a specific reason for modification or discontinuation of the administration agreement	
<b>Datatype</b>	CD	
<b>DCM::ConceptId</b>	NL-CM:9.8.22499	
<b>DCM::DefinitionCode</b>	SNOMED CT: 160121000146101 Reason for change of drug administration instructions	
<b>DCM::ValueSet</b>	AdministrationAgreementReasonModificationOrDiscontinuationCodelist	OID: 2.16.840.1.113883.2.4.3.11.60.40.2.9.8.3
<b>Opties</b>		

<b>«context»</b>	<b>Supplier::HealthcareProvider</b>	
<b>Definitie</b>	The supplier (healthcare provider) that entered the administration agreement.	
<b>Datatype</b>		
<b>DCM::ConceptId</b>	NL-CM:9.8.22097	
<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>MedicineForAdministrationAgreement::PharmaceuticalProduct</b>	
<b>Definitie</b>	Medicine in the AdministrationAgreement.	
<b>Datatype</b>		
<b>DCM::ConceptId</b>	NL-CM:9.8.20237	
<b>DCM::ReferencedConceptId</b>	NL-CM:9.7.19926	This is a reference to the rootconcept of partial information model PharmaceuticalProduct.
<b>Opties</b>		

<b>«data»</b>	<b>InstructionsForUse</b>	
<b>Definitie</b>	Instructions for administering the medication, e.g. dose and route of administration.	
<b>Datatype</b>		
<b>DCM::ConceptId</b>	NL-CM:9.8.22098	
<b>DCM::ReferencedConceptId</b>	NL-CM:9.12.22504	This is a reference to the rootconcept of partial information model InstructionsForUse.
<b>Opties</b>		

<b>«data»</b>	<b>AdministrationAgreementDateTime</b>	
<b>Definitie</b>	The time at which the agreement was made.	
<b>Datatype</b>	TS	
<b>DCM::ConceptId</b>	NL-CM:9.8.20133	
<b>Opties</b>		

<b>«data»</b>	<b>PeriodOfUse</b>	
<b>Definitie</b>	<STRONG>Start date:</STRONG> This is the time at which the agreement was to take effect (or took effect or will take effect). This is the time at which the instructions for use in this agreement start. In the case of an agreement to discontinue use, this is the start date of the original administration agreement. The end date indicates from when the medication is to be discontinued.	

	<p>&lt;STRONG&gt;Duration&lt;/STRONG&gt;: The intended duration of use. E.g. 5 days or 8 weeks. It is not allowed to indicate the duration in months, because different months have a variable duration in days.</p> <p>&lt;STRONG&gt;End date&lt;/STRONG&gt;: The time at which the period of use ends (or ended or will end). In the case of an agreement to discontinue use, this is the time at which the medication is to be discontinued. To avoid confusion between 'to' and 'up until and including', the submission of time is always mandatory for the end date. &lt;br /&gt;&lt;br /&gt;With medication for an indefinite period only a start date is indicated.</p>	
Datatype		
DCM::ConceptId	NL-CM:9.8.22660	
DCM::ReferencedConceptId	NL-CM:20.3.1	This is a reference to the rootconcept of partial information model TimeInterval.
Opties		

«data»	MedicationAgreement	
Definitie	Relationship to the medication agreement on which the administration agreement is based.	
Datatype		
DCM::ConceptId	NL-CM:9.8.22394	
DCM::ReferencedConceptId	NL-CM:9.6.9580	This is a reference to the rootconcept information model MedicationAgreement.
Opties		

«data»	AdministrationAgreementStopType	
Definitie	Stop type, the manner in which this medication is discontinued (temporary or definitive).	
Datatype	CD	
DCM::ConceptId	NL-CM:9.8.22498	
DCM::ValueSet	AdministrationAgreementStopTypeCodeList	OID: 2.16.840.1.113883.2.4.3.11.60.40.2.9.8.1
Opties		

«data»	Comment	
Definitie	Comments on the administration agreement.	
Datatype	ST	
DCM::ConceptId	NL-CM:9.8.22275	
DCM::DefinitionCode	LOINC: 48767-8 Annotation comment	
Opties		

«document»	AdministrationAgreementReasonModificationOrDiscontinuationCodeList	
Definitie		
Datatype		
DCM::ValueSetBinding	Extensible	
DCM::ValueSetId	2.16.840.1.113883.2.4.3.11.60.40.2.9.8.3	
DCM::ValueSetIncludeOTH	True	
DCM::ValueSetStatus	Active	
HCIM::ValueSetLanguage	--	
Opties		
ToedieningsafpraakRedenWijzigenOfStakenCodeList		OID: 2.16.840.1.113883.2.4.3.11.60.40.2.9.8.3

delijst				
Concept Name	Concept Code	Coding Syst. Name	Coding System OID	Description
Adverse reaction to drug	62014003	SNOMED CT	2.16.840.1.113883.6.96	Ongewenste reactie op medicatie en/of drugs
Administration of medication contraindicated	438833006	SNOMED CT	2.16.840.1.113883.6.96	Toedienen van medicatie gecontra-indiceerd
Medication interaction	79899007	SNOMED CT	2.16.840.1.113883.6.96	Geneesmiddelinteractie
Lack of drug action	58848006	SNOMED CT	2.16.840.1.113883.6.96	Gebrek aan geneesmiddeleffect
Drug action too strong	112251000146103	SNOMED CT	2.16.840.1.113883.6.96	Te sterk effect van medicatie
Insufficient route of drug administration	112191000146101	SNOMED CT	2.16.840.1.113883.6.96	Medicatie-toedieningsweg voldoet niet
Drug treatment not indicated	183966005	SNOMED CT	2.16.840.1.113883.6.96	Geen indicatie voor medicamenteuze behandeling
Medication management changed	112751000146109	SNOMED CT	2.16.840.1.113883.6.96	Medicatiebeleid veranderd
Patient requested modification of treatment	159711000146106	SNOMED CT	2.16.840.1.113883.6.96	Verzoek van zorgafnemer om behandeling te wijzigen
Treatment previous prescriber continued	112261000146100	SNOMED CT	2.16.840.1.113883.6.96	Hervatten van beleid van vorige voorschrijver
Admission to establishment	305335007	SNOMED CT	2.16.840.1.113883.6.96	Opname in instelling
Planned procedure	405613005	SNOMED CT	2.16.840.1.113883.6.96	Verrichting gepland
Incorrect registration of medication	159691000146109	SNOMED CT	2.16.840.1.113883.6.96	Foutieve registratie van medicatie
Drug not available - out of stock	182856006	SNOMED CT	2.16.840.1.113883.6.96	Geneesmiddel niet voorradig
Change in laboratory test finding	160131000146104	SNOMED CT	2.16.840.1.113883.6.96	Verandering in labwaarde
Duplicate registration of medication treatment	160161000146108	SNOMED CT	2.16.840.1.113883.6.96	Dubbele registratie van medicamenteuze behandeling [DEPRECATED]
Double registration of medication treatment	180011000146107	SNOMED CT	2.16.840.1.113883.6.96	Dubbele registratie van medicamenteuze behandeling
Patient takes medication as prescribed	112221000146107	SNOMED CT	2.16.840.1.113883.6.96	Medicatiegebruik van patiënt volgens afspraak

«document»	AdministrationAgreementStopTypeCodeList		
Definitie			
Datatype			
DCM::ValueSetBinding	Required		
DCM::ValueSetId	2.16.840.1.113883.2.4.3.11.60.40.2.9.8.1		
DCM::ValueSetIncludeOTH	False		
DCM::ValueSetStatus	Active		
HCIM::ValueSetLanguage	NL		
Opties			

ToedieningsafspraakStopTypeCodelijst			OID: 2.16.840.1.113883.2.4.3.11.60.40.2.9.8.1	
Concept Name	Concept Code	Coding Syst. Name	Coding System OID	Description
Drug therapy temporarily stopped	113381000146106	SNOMED CT	2.16.840.1.113883.6.96	Tijdelijke onderbreking van medicamenteuze behandeling (bijvoorbeeld tijdelijk stoppen gebruik vanwege operatie). [DEPRECATED]
Drug therapy definitely stopped	113371000146109	SNOMED CT	2.16.840.1.113883.6.96	Het staken van een bestaande medicamenteuze behandeling. [DEPRECATED]
Discontinued	410546004	SNOMED CT	2.16.840.1.113883.6.96	Stopgezet
Suspended	385655000	SNOMED CT	2.16.840.1.113883.6.96	Onderbroken
Cancelled	89925002	SNOMED CT	2.16.840.1.113883.6.96	Geannuleerd

Legend	
Definitie	
Datatype	
Opties	

«invariant» Constraint	
Definitie	Permitted units for the duration: hour, day, week, year
Datatype	
Opties	

## 1.8 Example Instances

ToedieningsAfspraakDatumTijd	Gebruiksperiode			GeneesmiddelBijToedieningsafspraak	Verstrekker	Geannuleerd Indicator	ToedieningsafspraakStoptype
	Ingangsdatum	Einddatum	Duur	ProductCode	Zorgaanbieder		
2-5-2012 12:14:09	02-05-12		4 weken	Paracetamol tablet 500 mg	Apotheek De Gulle Gaper		
10-9-2015 9:16:31			5 dagen	Pantoprazol injpdr 40 mg fl	Apotheek De Gulle Gaper	Ja	
19-9-2014 7:12:59	19-09-14	18-12-14		Dalteparine 2500 injvst 12.500 ie/ml wwsp 0,2ml	Poli-apotheek Het Ziekenhuis		
30-8-2013 8:41:43	01-08-13	30-08-13		Prednison 5 mg	Poli-apotheek Het Ziekenhuis		Definitief

Gebruiksaanwijzing	ToedieningsWeg	Herhaalperiode CyclischSchema	Doseerinstructie			
			Doseerduur	Dosering   Keerdosis	Toedieningsschema   Frequentie   Intervaal   Toedientijd   Weekdag   Dagdeel	Zo nodig
Vanaf 2 mei gedurende 4 weken zo nodig bij pijn 500 mg (=1 st), max. 4x per dag	oraal	1	4 weken	1 stuk	max. 4x/dag	Bij pijn
Gedurende 5 dagen 1x/dag (8u) 40 mg (=1 st)	iv			40 mg (=1 st)	1x per dag om 8.00 uur	
Vanaf 19-9-2014 tot 18-12-2014 1x per dag om 18uur 2500ie(=0,2ml)	subcutaan			2500 IE (=0,2 ml)	1x per dag om 18.00 uur	
Van 1-8-2013 tot 30-8-2013 volgens afbouwschema. Per 30-8-2013 onderbreken.	oraal	1				

## 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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