

Health & Care Information Model:

nl.zorg.AdministrationAgreement-v2.1

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1. nl.zorg.AdministrationAgreement-v2.1

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1.1 Revision History

Publicatieversie 1.0 (04-09-2017)

Publicatieversie 1.0.1 (31-12-2017)

Bevat: ZIB-643.

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

Publicatieversie 2.1 (15-10-2023)

Bevat: ZIB-1771, ZIB-1940.

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

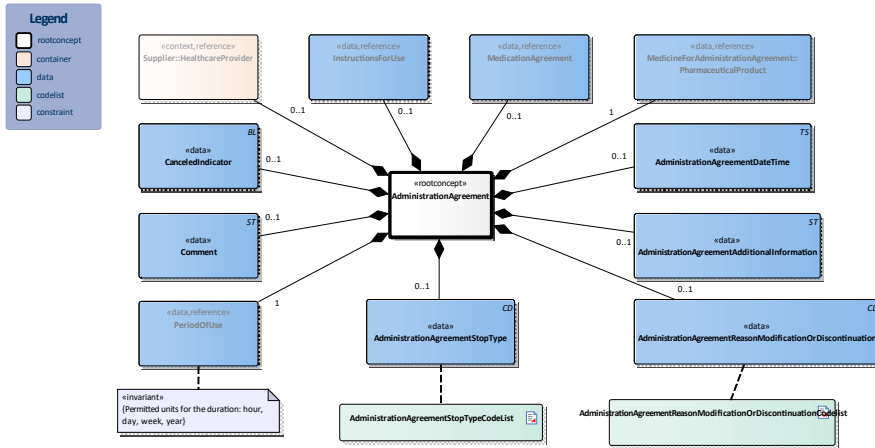
1.4 Purpose

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	
Datatype	CD	
DCM::ConceptId	NL-CM:9.8.22499	
DCM::DefinitionCode	SNOMED CT: 160121000146101 Reason for change of drug administration instructions	
DCM::ValueSet	AdministrationAgreementReasonModificationOrDiscontinuationCodeList	OID: 2.16.840.1.113883.2.4.3.11.60.40.2.9.8.3
Opties		

«data»	AdministrationAgreementAdditionalInformation	
Definitie	Additional information includes details on the structure of the agreement made.	
Datatype	ST	
DCM::ConceptId	NL-CM:9.8.23284	
Opties		

«context»	Supplier::HealthcareProvider	
Definitie	The supplier (healthcare provider) that entered the administration agreement.	
Datatype		
DCM::ConceptId	NL-CM:9.8.22097	
DCM::ReferencedConceptId	NL-CM:17.2.1	This is a reference to the rootconcept of information model HealthcareProvider
Opties		

«data»	MedicineForAdministrationAgreement::PharmaceuticalProduct	
Definitie	Medicine in the AdministrationAgreement.	
Datatype		
DCM::ConceptId	NL-CM:9.8.20237	
DCM::ReferencedConceptId	NL-CM:9.7.19926	This is a reference to the rootconcept of partial information model PharmaceuticalProduct.
Opties		

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

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

«data»		PeriodOfUse
Definitie	<p>Start date: 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> <p>Duration: 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>End date: 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.

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»		CanceledIndicator
Definitie	In the event of an error correction, this indicator is to be put on for the incorrect agreement.	
Datatype	BL	
DCM::ConceptId	NL-CM:9.8.23034	
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	
HCIM::ValueSetLanguage	--	
Opties		

ToedieningsafpraakRedenWijzigenOfStakenCodeList OID: 2.16.840.1.113883.2.4.3.11.60.40.2.9.8.3				
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
Patient takes medication as prescribed	112221000146107	SNOMED CT	2.16.840.1.113883.6.96	Medicatiegebruik van patiënt volgens afspraak
Overig	OTH	NullFlavor	2.16.840.1.113883.5.1008	Overig

«document»	AdministrationAgreementStopTypeCodeList
Definitie	
Datatype	

DCM::ValueSetBinding	Required			
DCM::ValueSetId	2.16.840.1.113883.2.4.3.11.60.40.2.9.8.1			
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).
Drug therapy definitely stopped	113371000146109	SNOMED CT	2.16.840.1.113883.6.96	Het staken van een bestaande medicamenteuze behandeling.

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	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		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

Gebbruiks instructie	Toedienings Weg	Herhaalperiode CyclischSchema	Doseerinstructie	Doseerduur	Dosering Keerdosis	Toedienings schema Frequentie Interval 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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