

Health & Care Information Model: nl.zorg.AdministrationAgreement-v3.1

Status: Final

Release: 2026-1

Release status: Prepublished

Managed by:



Content

1. nl.zorg.AdministrationAgreement-v3.1	3
1.1 Revision History	3
1.2 Concept	4
1.3 Mindmap	4
1.4 Purpose	4
1.5 Patient Population	4
1.6 Evidence Base	4
1.7 Information Model	4
1.8 Example Instances	9
1.9 Instructions	9
1.10 Interpretation	9
1.11 Care Process	9
1.12 Example of the Instrument	9
1.13 Constraints	9
1.14 Issues	9
1.15 References	9
1.16 Functional Model	9
1.17 Traceability to other Standards	9
1.18 Disclaimer	10
1.19 Terms of Use	10
1.20 Copyrights	10

1. nl.zorg.AdministrationAgreement-v3.1

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
DCM::LifecycleStatus	Final
DCM::ModelerList	Architectuurgroep Registratie aan de Bron
DCM::Name	nl.zorg.Toedieningsafpraak
DCM::PublicationDate	17-04-2026
DCM::PublicationStatus	Prepublished
DCM::ReviewerList	Projectgroep Medicatieproces & Architectuurgroep Registratie aan de Bron
DCM::RevisionDate	09-04-2026
DCM::Supersedes	nl.zorg.Toedieningsafpraak-v3.0
DCM::Version	3.1
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.

Publicatieversie 1.0.3 (01-09-2020)

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.

Publicatieversie 3.1 (17-04-2026)

Bevat: ZIB-2282, ZIB-2798, ZIB-2804, ZIB-2856, ZIB-2858, ZIB-3140.

1.2 Concept

An administration agreement is the pharmacist's instruction for use or administration to the patient, the patient's representative, or the administrator, by which the medication agreement is specified in concrete terms.

1.3 Mindmap

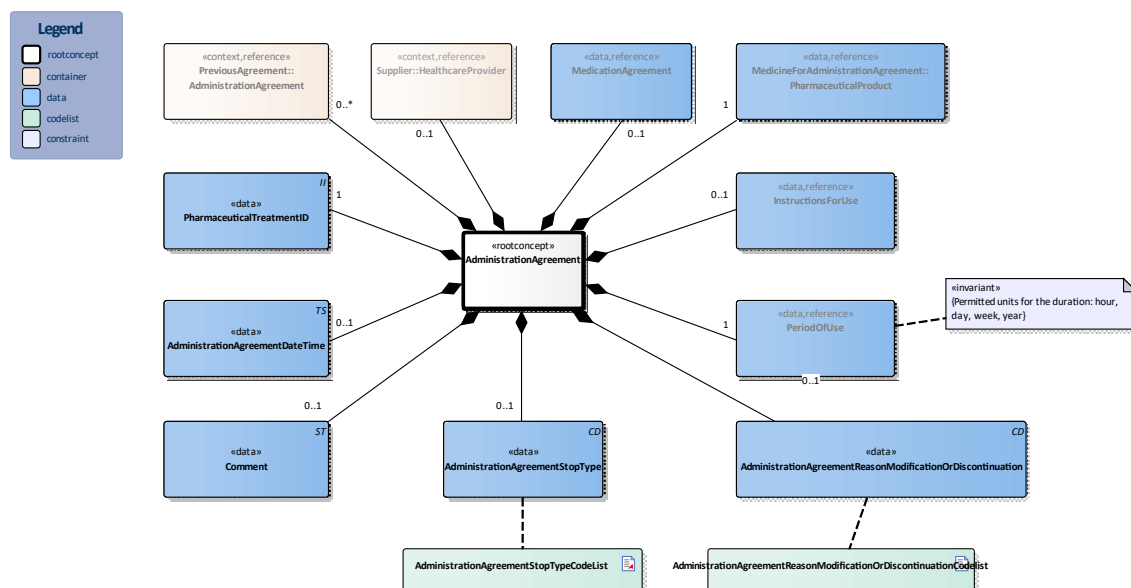
1.4 Purpose

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»	PharmaceuticalTreatmentID	
Definitie	Identification of a medication treatment. A pharmaceutical treatment is defined as a treatment with a medicinal product. The PharmaceuticalTreatmentID is a technical identifier (worldwide and forever unique) that is required to record the relationship between a set of medication-related data elements. An identically defined PharmacotherapeuticTreatmentID has been added to all medication-related Health and Care Information Models (HCIMs): MedicationAgreement, MedicationAdministration2, AdministrationAgreement, MedicationUse2, MedicationDispense, and DispenseRequest.	
Datatype	II	
DCM::AssigningAuthority	Geen	OID: Geen
DCM::ConceptId	NL-CM:9.8.22661	
Opties		

«context»	PreviousAgreement::AdministrationAgreement	
Definitie	One ore more dispense agreement that have been discontinued or modified and for which this agreement is a replacement. When recording a new medication agreement that is intended to discontinue or modify one ore more existing agreement, the dispense agreement changes accordingly. Here it is possible to explicitly indicate which previous dispense agreements the discontinuation relates to. This reference is used in combination with the corresponding discontinuation type and any reason for changing or discontinuing.	
Datatype		
DCM::ConceptId	NL-CM:9.8.22662	
DCM::ReferencedConceptId	NL-CM:9.8.20132	This is a reference to the rootconcept of information model AdministrationAgreement.
Opties		

«data»	AdministrationAgreementReasonModificationOrDiscontinuation	
Definitie	Reason for changing, discontinuing, or cancelling the administration agreement. This will often be the same reason as the reason for changing, discontinuing, or cancelling the medication agreement. Where applicable, it is possible to record a specific reason for changing, discontinuing, or cancelling 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		

«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 indicates whether the medication has been cancelled or discontinued.	
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		

ToedieningsafsprakenRedenWijzigenOfStakenCodelijst	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	183966005	SNOMED CT	2.16.840.1.113883.6.96	Geen indicatie voor

indicated				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	Voortzetten van beleid van vorige zorgverlener
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
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
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	ToedieningsafspraakStootype
	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 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

The rules about linking an existing PharmaceuticalTreatmentID or to issue a new PharmaceuticalTreatmentID have been determined by the Medication Process information standard established by Nictiz.

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

The Health and Care Information Models (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 the Health and Care Information Models. 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 a 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 Health and Care Information Models without limitations. The copyright provisions in the paragraph concerned apply to copying, distributing and passing on the Health and Care Information Models.

1.20 Copyrights

A Health and Care Information Model qualifies as a work within the meaning of Section 10 of the Copyright Act (Auteurswet). Copyrights protect the Health and Care Information Models and these rights are owned by the cooperating parties.

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/>)

This does not apply to information from third parties that sometimes is used and / or referred to in a Health and Care Information Model, for example to an international medical terminology system. Any (copyright) rights that protect this information are not owned by the cooperating parties but by those third parties.

Nictiz is the independent national competence centre for electronic exchange of health and care information. The activities of Nictiz include the targeted development and management of information standards at the request of and in partnership with the stakeholders in healthcare. Nictiz advises these parties on all aspects of information exchange and identifies (future) national and international developments.

Nictiz

P.O. Box 19121
2500 CC Den Haag
Oude Middenweg 55
2491 AC Den Haag

070-3173450
info@nictiz.nl
www.nictiz.nl



