

Health & Care Information Model: nl.zorg.AdministrationAgreement-v2.0

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Content

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1. nl.zorg.AdministrationAgreement-v2.0

| | |
|---------------------------------|--|
| 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 |
| DCM::LifecycleStatus | Final |
| DCM::ModelerList | Architectuurgroep Registratie aan de Bron |
| DCM::Name | nl.zorg.Toedieningsafpraak |
| DCM::PublicationDate | 10-06-2022 |
| DCM::PublicationStatus | Prepublished |
| DCM::ReviewerList | Projectgroep Medicatieproces & Architectuurgroep Registratie aan de Bron |
| DCM::RevisionDate | 06-05-2022 |
| DCM::Supersedes | nl.zorg.Toedieningsafpraak-v1.1 |
| DCM::Version | 2.0 |
| 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.

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.

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

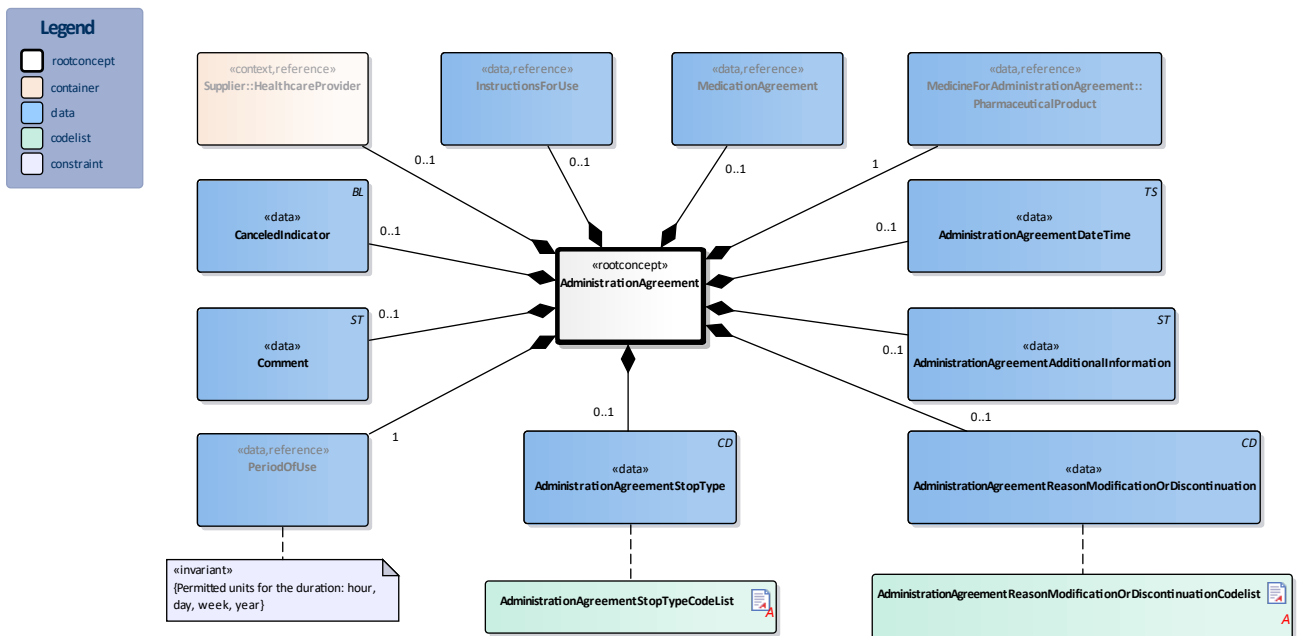
1.4 Purpose

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 | | |

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|---------------------------------|---|--|
| «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 | | |

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|---------------------------------|--|--|
| «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 | | |

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| «data» | PeriodOfUse | |
| Definitie | 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 | |

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|---------------------------------|--|---|
| | <p>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 | | |

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|---------------------------------|--|---|
| «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 | | |

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|-----------------------|---|--|
| «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 | | |

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|-----------------------|--|--|
| «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 | | |

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|----------------------------|---|--|
| «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 | | |

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|-------------------|---|--|
| «document» | AdministrationAgreementReasonModificationOrDiscontinuationCodeList | |
| Definitie | | |

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|-------------------------------|--|
| Datatype | |
| DCM::ValueSetBinding | Extensible |
| DCM::ValueSetId | 2.16.840.1.113883.2.4.3.11.60.40.2.9.8.3 |
| HCIM::ValueSetLanguage | -- |
| Opties | |

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|---|--|
| 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 | Medicatieoedieningsweg 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 |
| Drug not available - out of stock | 182856006 | SNOMED CT | 2.16.840.1.113883.6.96 | Geneesmiddel niet voorradig |
| Change in lab value | 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 |

| | |
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| «document» | AdministrationAgreementStopTypeCodeList |
| Definitie | |
| Datatype | |
| DCM::ValueSetBinding | Required |
| DCM::ValueSetId | 2.16.840.1.113883.2.4.3.11.60.40.2.9.8.1 |

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|------------------------|----|--|
| HCIM::ValueSetLanguage | NL | |
|------------------------|----|--|

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| Opties | |
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| 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 | |

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 injvlst 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

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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