

# Health & Care Information Model: nl.zorg.PlannedCareActivityForTransfer-v 3.1

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# Content

<b>1. nl.zorg.PlannedCareActivityForTransfer-v3.1</b>	<b>4</b>
1.1 Revision History	4
1.2 Concept	4
1.3 Mindmap	5
1.4 Purpose	5
1.5 Patient Population	5
1.6 Evidence Base	5
1.7 Information Model	5
1.8 Example Instances	9
1.9 Instructions	9
1.10 Interpretation	10
1.11 Care Process	10
1.12 Example of the Instrument	10
1.13 Constraints	10
1.14 Issues	10
1.15 References	10
1.16 Functional Model	10
1.17 Traceability to other Standards	10
1.18 Disclaimer	10
1.19 Terms of Use	10
1.20 Copyrights	11

# 1. nl.zorg.PlannedCareActivityForTransfer-v3.1

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	15-11-2012
DCM::DeprecatedDate	
DCM::DescriptionLanguage	nl
DCM::EndorsingAuthority.Address	
DCM::EndorsingAuthority.Name	PM
DCM::EndorsingAuthority.Telecom	
DCM::Id	2.16.840.1.113883.2.4.3.11.60.40.3.16.1
DCM::KeywordList	Geplande afspraken, orders, clinical reminders
DCM::LifecycleStatus	Final
DCM::ModelerList	Kerngroep Registratie aan de Bron
DCM::Name	nl.zorg.OverdrachtGeplandeZorgActiviteit
DCM::PublicationDate	04-09-2017
DCM::PublicationStatus	Prepublished
DCM::ReviewerList	Projectgroep Generieke Overdrachtsgegevens & Kerngroep Registratie aan de Bron
DCM::RevisionDate	04-09-2017
DCM::Superseeds	nl.zorg.OverdrachtGeplandeZorgActiviteit-v3.0
DCM::Version	3.1
HCIM::PublicationLanguage	EN

## 1.1 Revision History

Publicatieversie 1.0 (15-02-2013)

Publicatieversie 1.1 (01-07-2013)

Bevat: ZIB-46.

Publicatieversie 1.2 (01-04-2015)

Bevat: ZIB-115, ZIB-149, ZIB-264, ZIB-265, ZIB-306, ZIB-328.

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-402.

Publicatieversie 3.0 (01-05-2016)

Bevat: ZIB-453.

Publicatieversie 3.1 (04-09-2017)

Bevat: ZIB-549, ZIB-564, ZIB-607.

## 1.2 Concept

All planned appointments, referrals, treatments and diagnostic procedures, open orders and orders of which the results are not yet known that are relevant to the patient's care may be included. *Clinical reminders* can

also be included here. These are postponed orders that are not yet active. (For example: please note! patient still needs a booster vaccination in x weeks; or please note! check the oral mucosa next time). The PlannedCareActivity concept is a line from the treatment plan.

This gives every recipient, user or healthcare facility insight into the planned care for this patient.

## **1.3 Mindmap**

## **1.4 Purpose**

Recording planned appointments, referrals, treatments, diagnostic procedures, open orders and orders of which the results are not yet known gives every recipient, user or healthcare facility insight in the planned healthcare for this patient. This can prevent situations in which diagnostics and treatment can conflict with each other.

This will give the recipient the option to place an order, cancel the order or act in any other way in accordance with their own policy.

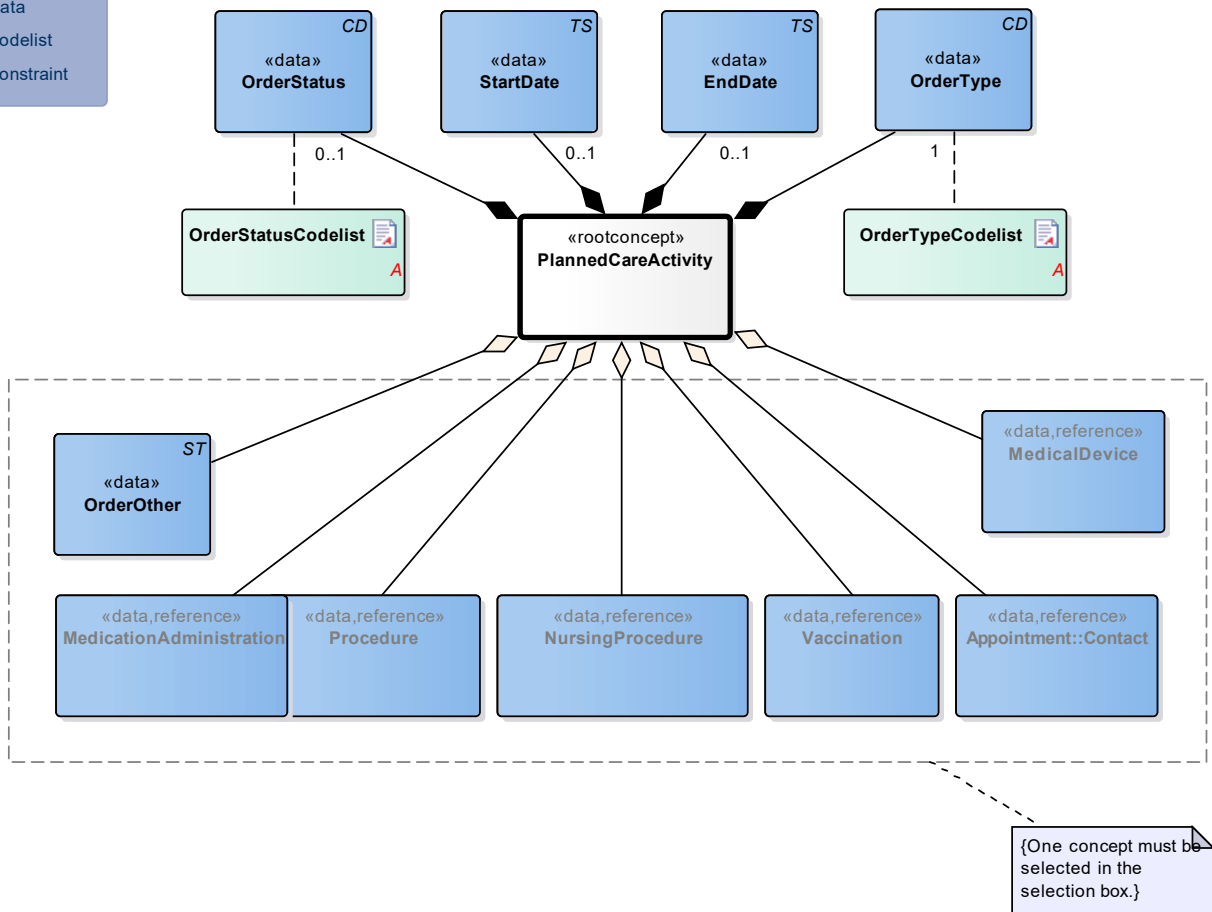
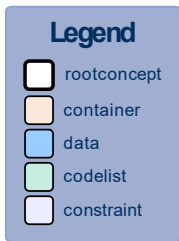
For orders that do not yet have results, the recipient is informed of the fact that potentially relevant results will be made available (which have to be requested).

## **1.5 Patient Population**

## **1.6 Evidence Base**

The scope is limited to planned and desired orders and appointments. The composition of the current information model is not yet suitable for transferring a treatment plan. At this point, it also lacks accepted healthcare standards and transmural care processes.

## **1.7 Information Model**



<b>«rootconcept»</b>	<b>PlannedCareActivity</b>	
<b>Definitie</b>	Root concept of the PlannedCareActivityTransfer information model. This root concept contains all data elements of the PlannedCareActivityTransfer information model.	
<b>Datatype</b>		
<b>DCM::ConceptId</b>	NL-CM:16.1.1	
<b>Opties</b>		

<b>«data»</b>	<b>OrderStatus</b>	
<b>Definitie</b>	The status of the order.	
<b>Datatype</b>	CD	
<b>DCM::ConceptId</b>	NL-CM:16.1.9	
<b>DCM::ExampleValue</b>	Aangevraagd	
<b>DCM::ValueSet</b>	OrderStatusCodelist	OID: 2.16.840.1.113883.2.4.3.11.60.40.2.16.1.2
<b>Opties</b>		

<b>«data»</b>	<b>StartDate</b>	
<b>Definitie</b>	Planned or requested date. Clinical reminders can be used to indicate from when the procedure can take place. A vague date (such as only the month and year) is permitted.	
<b>Datatype</b>	TS	

<b>DCM::ConceptId</b>	NL-CM:16.1.10	
<b>DCM::ExampleValue</b>	12-12-2012	
<b>Opties</b>		

<b>«data»</b>	<b>EndDate</b>	
<b>Definitie</b>	The planned end date of the procedure can be included as well if needed. Depending on the type of procedure, this can also be used to indicate before which time it has to have been completed.	
<b>Datatype</b>	TS	
<b>DCM::ConceptId</b>	NL-CM:16.1.11	
<b>DCM::ExampleValue</b>	31-12-2013	
<b>Opties</b>		

<b>«data»</b>	<b>OrderType</b>	
<b>Definitie</b>	Type of order, request or reminder.	
<b>Datatype</b>	CD	
<b>DCM::ConceptId</b>	NL-CM:16.1.8	
<b>DCM::ExampleValue</b>	Vaccinatie	
<b>DCM::ValueSet</b>	OrderTypeCodelist	OID: 2.16.840.1.113883.2.4.3.11.60.40.2.16.1.1
<b>Opties</b>		

<b>«data»</b>	<b>OrderOther</b>	
<b>Definitie</b>	Orders that do not fit in any of the other concepts can be described in free text.	
<b>Datatype</b>	ST	
<b>DCM::ConceptId</b>	NL-CM:16.1.2	
<b>Opties</b>		

<b>«data»</b>	<b>MedicationAdministration</b>	
<b>Definitie</b>	The medication for which future administration still has to be agreed on. This information is usually included in the Medication section.	
<b>Datatype</b>		
<b>DCM::ConceptId</b>	NL-CM:16.1.3	
<b>DCM::ReferencedConceptId</b>	NL-CM:9.13.20928	This is a reference to the rootconcept of information model MedicationAdministration2.
<b>Opties</b>		

<b>«data»</b>	<b>Procedure</b>	
<b>Definitie</b>	A planned procedure including things like the indication and location.	
<b>Datatype</b>		
<b>DCM::ConceptId</b>	NL-CM:16.1.4	
<b>DCM::ReferencedConceptId</b>	NL-CM:14.1.1	This is a reference to the rootconcept of information model Procedure.
<b>Opties</b>		

<b>«data»</b>	<b>NursingProcedure</b>	
<b>Definitie</b>	A planned nursing intervention.	

<b>Datatype</b>		
<b>DCM::ConceptId</b>	NL-CM:16.1.12	
<b>DCM::ReferencedConceptId</b>	NL-CM:14.2.1	This is a reference to the rootconcept of information model NursingIntervention.
<b>Opties</b>		

<b>«data»</b>	<b>Vaccination</b>	
<b>Definitie</b>	A planned vaccination.	
<b>Datatype</b>		
<b>DCM::ConceptId</b>	NL-CM:16.1.5	
<b>DCM::ReferencedConceptId</b>	NL-CM:11.1.1	This is a reference to the rootconcept of information model Vaccination.
<b>Opties</b>		

<b>«data»</b>	<b>Appointment::Contact</b>	
<b>Definitie</b>	An appointment including the location and reason for contact.	
<b>Datatype</b>		
<b>DCM::ConceptId</b>	NL-CM:16.1.6	
<b>DCM::ReferencedConceptId</b>	NL-CM:15.1.1	This is a reference to the rootconcept of information model Encounter.
<b>Opties</b>		

<b>«data»</b>	<b>MedicalDevice</b>	
<b>Definitie</b>	A requested medical device.	
<b>Datatype</b>		
<b>DCM::ConceptId</b>	NL-CM:16.1.7	
<b>DCM::ReferencedConceptId</b>	NL-CM:10.1.1	This is a reference to the rootconcept of information model MedicalDevice.
<b>Opties</b>		

<b>«document»</b>	<b>OrderStatusCodelist</b>	
<b>Definitie</b>		
<b>Datatype</b>		
<b>DCM::ValueSetId</b>	2.16.840.1.113883.2.4.3.11.60.40.2.16.1.2	
<b>Opties</b>		

OrderStatusCodelijst			OID: 2.16.840.1.113883.2.4.3.11.60.40.2.16.1.2	
Concept Name	Concept Code	Codesystem	Codesystem OID	Description
Ordered	new	ActStatus	2.16.840.1.113883.5.14	Order geplaatst
Requested	385644000	SNOMED CT	2.16.840.1.113883.6.96	Aangevraagd
Pending	active	ActStatus	2.16.840.1.113883.5.14	In afwachting van uitvoering
In progress	385651009	SNOMED CT	2.16.840.1.113883.6.96	In uitvoering
On hold	held	ActStatus	2.16.840.1.113883.5.14	Opgeschort
Cancelled	cancelled	ActStatus	2.16.840.1.113883.5.14	Geannuleerd
Noshow	aborted	ActStatus	2.16.840.1.113883.5.14	Niet nagekomen



«document»	OrderTypeCodelist	
Definitie		
Datatype		
DCM::ValueSetId	2.16.840.1.113883.2.4.3.11.60.40.2.16.1.1	
Opties		

OrderTypeCodelijst		OID: 2.16.840.1.113883.2.4.3.11.60.40.2.16.1.1		
Concept Naam	ConceptCode	Codesystem	Codesystem OID	Description
Encounter	308335008	SNOMED CT	2.16.840.1.113883.6.96	Patientcontact
Procedure	71388002	SNOMED CT	2.16.840.1.113883.6.96	Verrichting
Nursing procedure	9632001	SNOMED CT	2.16.840.1.113883.6.96	Verpleegkundige actie
Biomedical equipment	303607000	SNOMED CT	2.16.840.1.113883.6.96	Medisch hulpmiddel
Administration of vaccine to produce active immunity	33879002	SNOMED CT	2.16.840.1.113883.6.96	Vaccinatie
Administration of drug or medication	18629005	SNOMED CT	2.16.840.1.113883.6.96	Medicatieoediening

## 1.8 Example Instances

GeplandeZorgActiviteit				
Verrichting				OrderStatus
Verrichting Type	Indicatie	Verrichting StartDatum	Locatie	
	ProbleemNaam		OrganisatieNaam	
Biopt huid	Naevus wang	12-3-2013	Ziekenhuis X plastische chirurgie	Order geplaatst

GeplandeZorgActiviteit				
Verrichting				OrderStatus
Verrichting Type	Indicatie	Verrichting StartDatum	Locatie	
	ProbleemNaam		OrganisatieNaam	
Colonoscopie	Status na colon carcinoom flexura lientalis	Mei 2015	Ziekenhuis Y MDL	In uitvoering

GeplandeZorgActiviteit				
Vaccinatie				OrderStatus
ProductCode	Toelichting	Vaccinatie Datum	Locatie	
			OrganisatieType	
Pneumococcen	Status na accidentele miltexirpatie bij hemicolectomie links	2017	Huisartspraktijk	Aangevraagd

## 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**

This Health and Care Information Model (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 this Health and Care Information Model. 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 this 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.

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