

# Health & Care Information Model: nl.nfu.ProcedureForTransfer-v1.2

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# Content

<b>1. nl.nfu.ProcedureForTransfer-v1.2</b>	<b>3</b>
1.1 Revision History	3
1.2 Concept	3
1.3 Mindmap	3
1.4 Purpose	3
1.5 Patient Population	4
1.6 Evidence Base	4
1.7 Information Model	4
1.8 Example Instances	7
1.9 Instructions	7
1.10 Interpretation	7
1.11 Care Process	7
1.12 Example of the Instrument	7
1.13 Constraints	7
1.14 Issues	7
1.15 References	7
1.16 Functional Model	8
1.17 Traceability to other Standards	8
1.18 Disclaimer	8
1.19 Terms of Use	8
1.20 Copyrights	8

# 1. nl.nfu.ProcedureForTransfer-v1.2

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	6-6-2012
DCM::DeprecatedDate	
DCM::DescriptionLanguage	nl
DCM::EndorsingAuthority.Address	
DCM::EndorsingAuthority.Name	NFU
DCM::EndorsingAuthority.Telecom	
DCM::Id	2.16.840.1.113883.2.4.3.11.60.40.3.14.1
DCM::KeywordList	procedure,verrichting
DCM::LifecycleStatus	Final
DCM::ModelerList	Kerngroep Registratie aan de Bron
DCM::Name	nl.nfu.OverdrachtVerrichting
DCM::PublicationDate	1-4-2015
DCM::PublicationStatus	Published
DCM::ReviewerList	Projectgroep Generieke Overdrachtsgegevens & Kerngroep Registratie aan de Bron
DCM::RevisionDate	1-4-2015
DCM::Superseeds	
DCM::Version	1.2
HCIM::PublicationLanguage	EN

## 1.1 Revision History

Publicatieversie 1.0 (15-02-2013)

-

Publicatieversie 1.1 (01-07-2013)

Bevat: ZIB-55, ZIB-24.

Publicatieversie 1.2 (01-04-2015)

Bevat: ZIB-84, ZIB-93, ZIB-95, ZIB-122, ZIB-270, ZIB-271, ZIB-272, ZIB-273, ZIB-308, ZIB-325, ZIB-353.

Incl. algemene wijzigingsverzoeken:

ZIB-94, ZIB-154, ZIB-200, ZIB-201, ZIB-309, ZIB-324, ZIB-326.

## 1.2 Concept

The concept Procedure indicates a therapeutic procedure undergone by the patient. If relevant, diagnostic procedures can be listed as well.

A procedure can be a simple blood pressure measurement, but also a complex heart surgery.

## 1.3 Mindmap

## 1.4 Purpose

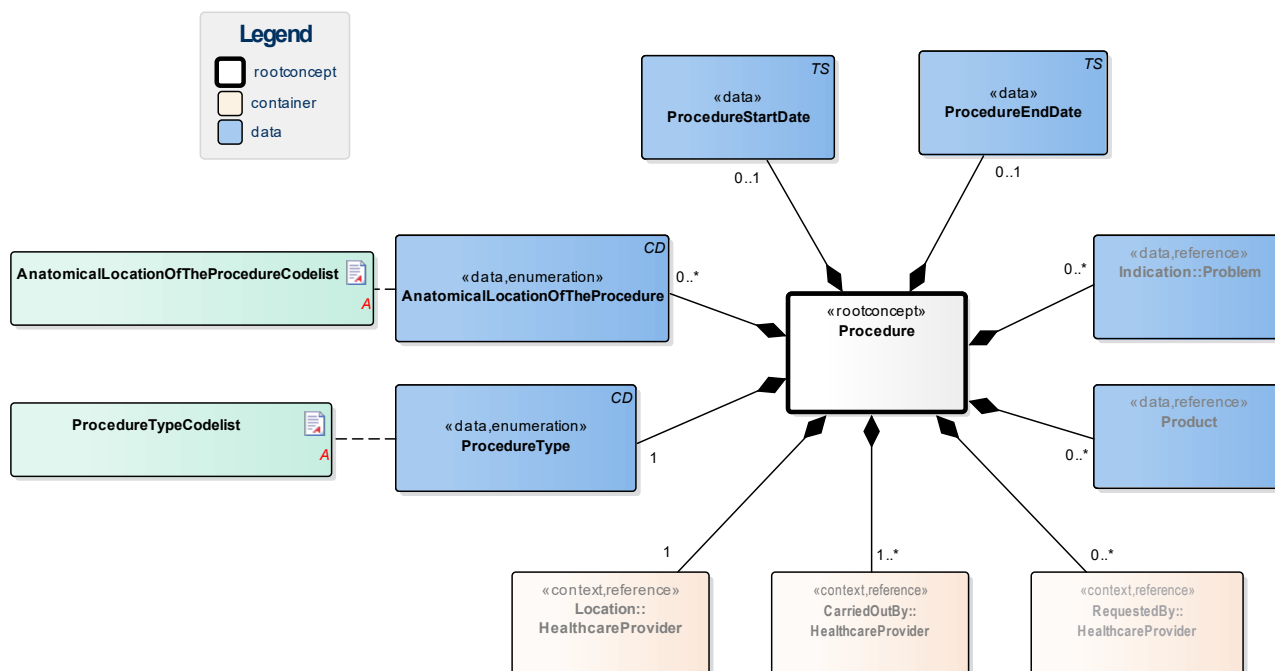
A procedure is carried out as part of a planned policy or to obtain additional information in the diagnostic process. Procedures are documented to gain insight into the treatment of a patient. In addition, procedures are documented for administrative purposes such as invoicing and workload measurement, scientific research and/or education.

## 1.5 Patient Population

## 1.6 Evidence Base

Only the procedures are described in this building block, not the results of the procedures. The LaboratoryResultTransfer and TextResultTransfer building blocks can be used to document the results.

## 1.7 Information Model



«rootconcept»	Procedure
Definitie	Root concept of the ProcedureTransfer building block. This root concept contains all data elements of the ProcedureTransfer building block.
Datatype	
DCM::ConceptId	NL-CM:14.1.1
Opties	

«data»	ProcedureStartDate
Definitie	The start date (and if possible start time) of the procedure. A 'vague' date, such as only the year, is permitted.  The element offers the option to indicate the start of the period of a series of related procedures.
Datatype	TS
DCM::ConceptId	NL-CM:14.1.2

<b>DCM::ExampleValue</b>	06-05-2012	
<b>Opties</b>		

<b>«data»</b>	<b>ProcedureEndDate</b>	
<b>Definitie</b>	The end date (and if possible end time) of the procedure. A 'vague' date, such as only the year, is permitted.  The element offers the option to indicate the end of the period of a series of related procedures.	
<b>Datatype</b>	TS	
<b>DCM::ConceptId</b>	NL-CM:14.1.3	
<b>DCM::ExampleValue</b>	07-06-2012	
<b>Opties</b>		

<b>«data»</b>	<b>AnatomicalLocationOfTheProcedure</b>	
<b>Definitie</b>	Anatomical location which is the focus of the procedure.	
<b>Datatype</b>	CD	
<b>DCM::ConceptId</b>	NL-CM:14.1.8	
<b>DCM::ExampleValue</b>	linkerbeen	
<b>DCM::ValueSet</b>	AnatomicalLocationOfThePr cedureCodelist	OID: 2.16.840.1.113883.2.4.3.11.60.40.2.14.1.1
<b>Opties</b>		

<b>«data»</b>	<b>Indication::Problem</b>	
<b>Definitie</b>	The indication is the reason for the procedure.	
<b>Datatype</b>		
<b>DCM::ConceptId</b>	NL-CM:14.1.9	
<b>DCM::ReferencedConceptId</b>	NL-CM:5.1.2	This is a reference to concept Probleem in information model OverdrachtConcern.
<b>Opties</b>		

<b>«data»</b>	<b>ProcedureType</b>	
<b>Definitie</b>	The name of the procedure.  As of 1 January 2013, all procedures in the primary process have to be documented with CBV codes. To meet this requirement, the DHD procedure thesaurus (CBV procedures set) is used to code procedures. It is possible that in addition to the CBV procedures set, the NIC will be used for nurse procedures and that a "coded value set" will be introduced for paramedic procedures.	
<b>Datatype</b>	CD	
<b>DCM::ConceptId</b>	NL-CM:14.1.4	
<b>DCM::ExampleValue</b>	Knie - prothese implantatie gewricht	
<b>DCM::ValueSet</b>	ProcedureTypeCodelist	OID: 2.16.840.1.113883.2.4.3.11.60.40.2.14.1.2
<b>Opties</b>		

<b>«data»</b>	<b>Product</b>	
<b>Definitie</b>	The product, the placing of which in or on the body is the purpose of the procedure, for example placing an implant.	

<b>Datatype</b>		
<b>DCM::ConceptId</b>	NL-CM:14.1.7	
<b>DCM::ReferencedConceptId</b>	NL-CM:10.1.2	This is a reference to concept Product in information model MedischHulpmiddel.
<b>Opties</b>		

<b>«context»</b>	<b>Location::HealthcareProvider</b>	
<b>Definitie</b>	The healthcare center where the procedure was or is carried out.	
<b>Datatype</b>		
<b>DCM::ConceptId</b>	NL-CM:14.1.5	
<b>DCM::ReferencedConceptId</b>	NL-CM:17.2.1	This is a reference to concept Zorgaanbieder in information model Zorgaanbieder.
<b>Opties</b>		

<b>«context»</b>	<b>CarriedOutBy::HealthcareProvider</b>	
<b>Definitie</b>	The healthcare provider who carried out the procedure. In most cases, only the medical specialty is entered, and not the name of the healthcare provider.	
<b>Datatype</b>		
<b>DCM::ConceptId</b>	NL-CM:14.1.6	
<b>DCM::ExampleValue</b>	Orthopedie	
<b>DCM::ReferencedConceptId</b>	NL-CM:17.1.1	This is a reference to concept zorgverlener in information model Zorgverlener.
<b>Opties</b>		

<b>«context»</b>	<b>RequestedBy::HealthcareProvider</b>	
<b>Definitie</b>	The healthcare provider who requested the procedure.	
<b>Datatype</b>		
<b>DCM::ConceptId</b>	NL-CM:14.1.10	
<b>DCM::ExampleValue</b>	Neurologie	
<b>DCM::ReferencedConceptId</b>	NL-CM:17.1.1	This is a reference to concept zorgverlener in information model Zorgverlener.
<b>Opties</b>		

<b>«document»</b>	<b>AnatomicalLocationOfTheProcedureCodelist</b>	
<b>Definitie</b>		
<b>Datatype</b>		
<b>DCM::ValueSetId</b>	2.16.840.1.113883.2.4.3.11.60.40.2.14.1.1	
<b>Opties</b>		

<b>VerrichtingAnatomischeLocatieCodelijst</b>	<b>OID: 2.16.840.1.113883.2.4.3.11.60.40.2.14.1.1</b>	
<b>Codes</b>	<b>Coding Syst. Name</b>	<b>Coding System OID</b>
SNOMED CT: <<91723000   anatomical structure	SNOMED CT	2.16.840.1.113883.6.96

<b>«document»</b>	<b>ProcedureTypeCodelist</b>	
<b>Definitie</b>		
<b>Datatype</b>		

DCM::ValueSetId	2.16.840.1.113883.2.4.3.11.60.40.2.14.1.2	
Opties		
<b>VerrichtingTypeCodelijst</b>		<b>OID: 2.16.840.1.113883.2.4.3.11.60.40.2.14.1.2</b>
Codes	Coding Syst. Name	Coding System OID
Alle waarden	CBV verrichtingen	99

## 1.8 Example Instances

Verrichting Type	Verrichting Anatomische Locatie	Verrichting Start Datum	Product			Indicatie		Uitgevoerd Door	Locatie
			ProductType	ProductID		Probleem Naam	Toelichting	Specialisme	Organisatie Naam
Knie - prothese implantatie gewricht	linker knie	05-06-2012	Orthopedic surgical implants	(01)050504 74530799 (17)160131 (21)114813 0801	Implantant, Gen 2Tibia Insert 5/6-9mm	Artrose	Beperking bij het bewegen van het gewricht, drukpijn door slijtage van twee compartimenten van de linker knie.	Orthopedie	UMCG

## 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

- GS1 Global Traceability Standard for Healthcare 1.2.0 (2013) [Online] Beschikbaar op: <http://www.gs1.org/traceability/healthcare-traceability/1-2-0> [Geraadpleegd: 19 juni 2014].
- Vektis Zorgverlenersspecificatie (subberoepsgroep) [Online] Beschikbaar op: [http://ei.vektis.nl/WespCodelijstenDetail.aspx?Co\\_Ge\\_Code=COD016&Co\\_Or\\_Code=VEKT](http://ei.vektis.nl/WespCodelijstenDetail.aspx?Co_Ge_Code=COD016&Co_Or_Code=VEKT) [Geraadpleegd: 19 juni 2014].
- AZR-AGB-codelijst [Online] Beschikbaar op: <http://www.agbcode.nl/MainPage/opzoeken.aspx?soort=IS> [Geraadpleegd: 19 juni 2014].

## 1.16 Functional Model

## 1.17 Traceability to other Standards

## 1.18 Disclaimer

The program 'Registratie aan de Bron' [Registration at the Source] is a collaboration between the NFU (Nederlandse Federatie van Universitair Medische Centra, [Netherlands Federation of University Medical Centers]) and Nictiz, hereinafter referred to as the partners. Other parties outside the university medical centers and Nictiz also made important contributions to and worked within 'Registration at the Source'. The parties pay the utmost attention to the reliability and topicality of the data in these Healthcare Information Building Blocks (Clinical Building Block). Omissions and inaccuracies may however occur. The 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 provided by the parties to you or by you to the parties via a website or via e-mail, or any other digital means.

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