

# Health & Care Information Model: nl.zorg.Mobility-v3.0

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# 1. nl.zorg.Mobility-v3.0

DCM::CoderList	Werkgroep RadB Verpleegkundige Gegevens
DCM::ContactInformation.Address	*
DCM::ContactInformation.Name	*
DCM::ContactInformation.Telecom	*
DCM::ContentAuthorList	Werkgroep RadB Verpleegkundige Gegevens
DCM::CreationDate	11-2-2014
DCM::DeprecatedDate	
DCM::DescriptionLanguage	nl
DCM::EndorsingAuthority.Address	
DCM::EndorsingAuthority.Name	PM
DCM::EndorsingAuthority.Telecom	
DCM::Id	2.16.840.1.113883.2.4.3.11.60.40.3.4.3
DCM::KeywordList	Mobiliteit, lopen, houding veranderen, houding handhaven, uitvoeren transfer
DCM::LifecycleStatus	Final
DCM::ModelerList	Werkgroep RadB Verpleegkundige Gegevens
DCM::Name	nl.zorg.Mobiliteit
DCM::PublicationDate	1-5-2016
DCM::PublicationStatus	Published
DCM::ReviewerList	Projectgroep RadB Verpleegkundige Gegevens & Kerngroep Registratie aan de Bron
DCM::RevisionDate	8-9-2015
DCM::Superseeds	nl.nfu.Mobiliteit-v1.0
DCM::Version	3.0
HCIM::PublicationLanguage	EN

## 1.1 Revision History

Publicatieversie 1.0 (01-07-2015)

Publicatieversie 3.0 (01-05-2016)

Bevat: ZIB-453

## 1.2 Concept

Mobility describes the abilities and any limitations in all aspects of mobility, such as changing position, walking and moving forward, in some cases with the help of an aid.

## 1.3 Mindmap

## 1.4 Purpose

The abilities and any limitations to mobility are documented:

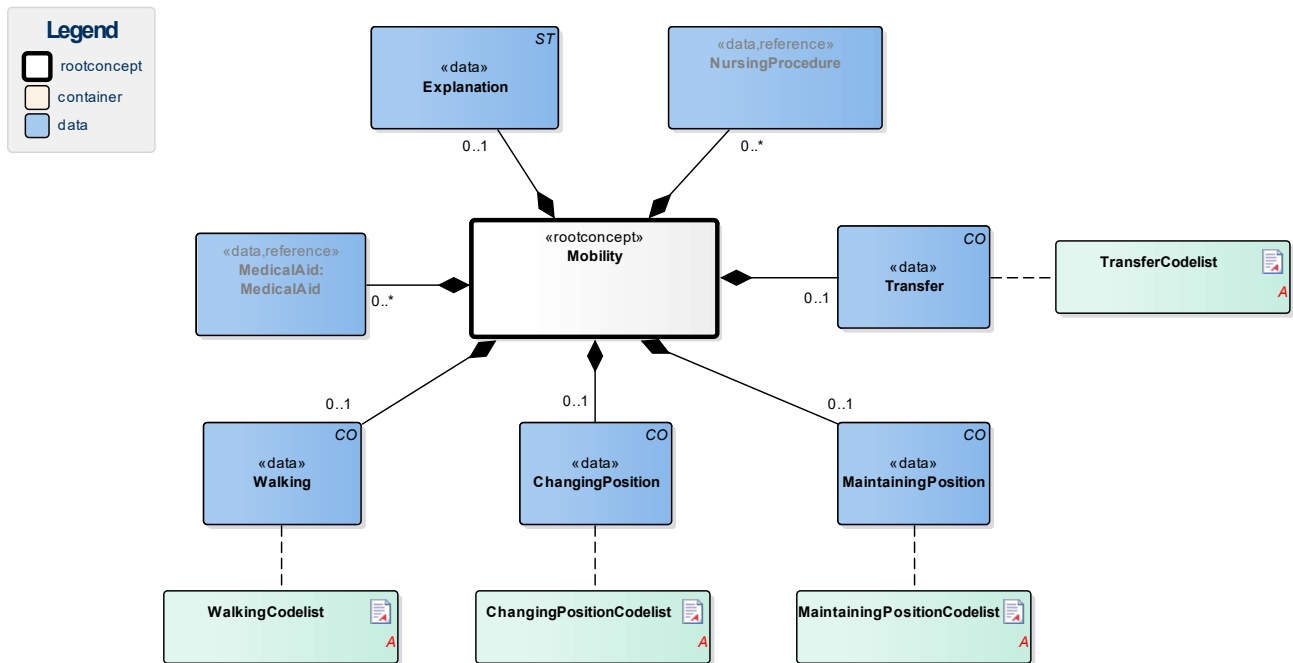
- to be able to take this into account when in contact with the patient and when providing care to the patient;
- so as to monitor mobility in the event that mobility limitations are the subject of treatment;
- to be able to warrant the continuity of care in transfers.

## 1.5 Patient Population

## 1.6 Evidence Base

The definitions of the concepts were (partially) taken from the ICF definitions.

## 1.7 Information Model



«rootconcept»	Mobility	
Definitie	Root concept of the Mobility information model. This concept contains all data elements of the Mobility information model.	
Datatype		
DCM::ConceptId	NL-CM:4.3.1	
DCM::DefinitionCode	SNOMED CT: 301438001	Ability to mobilise
Opties		

«data»	Walking	
Definitie	Walking is moving forward over a surface on foot, step by step, always with one foot on the ground, such as in walking, strolling, forwards, backwards, or sideways.	
Datatype	CO	
DCM::ConceptId	NL-CM:4.3.3	
DCM::DefinitionCode	ICF: d450 Lopen	
DCM::ExampleValue	Matige beperking	
DCM::ValueSet	WalkingCodelist	OID: 2.16.840.1.113883.2.4.3.11.60.40.2.4.3.9
Opties		

«data»	MedicalAid:MedicalAid	
Definitie	Description of medical aids that can be used for limitations in mobility.	
Datatype		
DCM::ConceptId	NL-CM:4.3.4	
DCM::DefinitionCode	SNOMED CT: 183135000 Mobility aid	
DCM::ExampleValue	Rolstoel	
DCM::ReferencedConceptId	NL-CM:10.1.1	This is a reference to concept MedischHulpmiddel in information model MedischHulpmiddel.
Opties		

«data»	Transfer	
Definitie	A transfer is moving from one surface to another without changing the body's position, such as sliding across a couch or moving from the bed to a chair.	
Datatype	CO	
DCM::ConceptId	NL-CM:4.3.5	
DCM::DefinitionCode	ICF: d420 Uitvoeren van transfers	
DCM::DefinitionCode	SNOMED CT: 364666007 Ability to transfer	
DCM::ExampleValue	Lichte beperking	
DCM::ValueSet	TransferCodelist	OID: 2.16.840.1.113883.2.4.3.11.60.40.2.4.3.7
Opties		

«data»	ChangingPosition	
Definitie	Changing position entails the body going from one position to another and going from one location to the next, such as getting out of a chair and into bed, or kneeling or crouching and getting back up.	
Datatype	CO	
DCM::ConceptId	NL-CM:4.3.8	
DCM::DefinitionCode	ICF: d410 Veranderen van basale lichaamshouding	
DCM::DefinitionCode	SNOMED CT: 282869009 Ability to change position	
DCM::ExampleValue	Matige beperking	
DCM::ValueSet	ChangingPositionCodelist	OID: 2.16.840.1.113883.2.4.3.11.60.40.2.4.3.1
Opties		

«data»	MaintainingPosition	
Definitie	Maintaining position is staying in the same position, such as sitting in a chair or standing, when required.	
Datatype	CO	
DCM::ConceptId	NL-CM:4.3.12	
DCM::DefinitionCode	SNOMED CT: 249868004 Ability to maintain position	

<b>DCM::DefinitionCode</b>	ICF: d415 Handhaven van lichaamshouding	
<b>DCM::ExampleValue</b>	Geen beperking	
<b>DCM::ValueSet</b>	MaintainingPositionCodelist	OID: 2.16.840.1.113883.2.4.3.11.60.40.2.4.3.4
<b>Opties</b>		

«data»	Explanation	
<b>Definitie</b>	An explanation of the patient's mobility.	
<b>Datatype</b>	ST	
<b>DCM::ConceptId</b>	NL-CM:4.3.16	
<b>DCM::DefinitionCode</b>	LOINC: 48767-8 Annotation comment	
<b>Opties</b>		

«data»	NursingProcedure	
<b>Definitie</b>	The nursing procedures needed to help the patient with their limited mobility.	
<b>Datatype</b>		
<b>DCM::ConceptId</b>	NL-CM:4.3.17	
<b>DCM::ExampleValue</b>	Hulp met uit bed komen	
<b>DCM::ReferencedConceptId</b>	NL-CM:14.2.9	This is a reference to concept VerpleegkundigeActie in information model VerpleegkundigeInterventie.
<b>Opties</b>		

«document»	MaintainingPositionCodelist	
<b>Definitie</b>		
<b>Datatype</b>		
<b>DCM::ValueSetId</b>	2.16.840.1.113883.2.4.3.11.60.40.2.4.3.4	
<b>Opties</b>		

HoudingHandhavenCodelist		OID: 2.16.840.1.113883.2.4.3.11.60.40.2.4.3.4		
Concept Name	Concept Code	CodeSys. Name	CodeSystem OID	Description
Geen beperking	d415.0	ICF	2.16.840.1.113883.6.254	Beperking 0-4%
Lichte beperking	d415.1	ICF	2.16.840.1.113883.6.254	Beperking 5-24%
Matige beperking	d415.2	ICF	2.16.840.1.113883.6.254	Beperking 25-49%
Ernstige beperking	d415.3	ICF	2.16.840.1.113883.6.254	Beperking 50-95%
Volledige beperking	d415.4	ICF	2.16.840.1.113883.6.254	Beperking 96-100%

«document»	TransferCodelist	
<b>Definitie</b>		
<b>Datatype</b>		
<b>DCM::ValueSetId</b>	2.16.840.1.113883.2.4.3.11.60.40.2.4.3.7	
<b>Opties</b>		

UitvoerenTransferCodelist		OID: 2.16.840.1.113883.2.4.3.11.60.40.2.4.3.7		
Concept Name	Concept Code	CodeSys. Name	CodeSystem OID	Description
Geen beperking	d420.0	ICF	2.16.840.1.113883.6.254	Beperking 0-4%
Lichte beperking	d420.1	ICF	2.16.840.1.113883.6.254	Beperking 5-24%

Matige beperking	d420.2	ICF	2.16.840.1.113883.6.254	Beperking 25-49%
Ernstige beperking	d420.3	ICF	2.16.840.1.113883.6.254	Beperking 50-95%
Volledige beperking	d420.4	ICF	2.16.840.1.113883.6.254	Beperking 96-100%

«document»	WalkingCodelist			
Definitie				
Datatype				
DCM::ValueSetId	2.16.840.1.113883.2.4.3.11.60.40.2.4.3.9			
Opties				

LopenCodelijst		OID: 2.16.840.1.113883.2.4.3.11.60.40.2.4.3.9		
Concept Name	Concept Code	CodeSys. Name	CodeSystem OID	Description
Geen beperking	d450.0	ICF	2.16.840.1.113883.6.254	Beperking 0-4%
Lichte beperking	d450.1	ICF	2.16.840.1.113883.6.254	Beperking 5-24%
Matige beperking	d450.2	ICF	2.16.840.1.113883.6.254	Beperking 25-49%
Ernstige beperking	d450.3	ICF	2.16.840.1.113883.6.254	Beperking 50-95%
Volledige beperking	d450.4	ICF	2.16.840.1.113883.6.254	Beperking 96-100%

«document»	ChangingPositionCodelist			
Definitie				
Datatype				
DCM::ValueSetId	2.16.840.1.113883.2.4.3.11.60.40.2.4.3.1			
Opties				

HoudingVeranderenCodelijst		OID: 2.16.840.1.113883.2.4.3.11.60.40.2.4.3.1		
Concept Name	Concept Code	CodeSys. Name	CodeSystem OID	Description
Geen beperking	d410.0	ICF	2.16.840.1.113883.6.254	Beperking 0-4%
Lichte beperking	d410.1	ICF	2.16.840.1.113883.6.254	Beperking 5-24%
Matige beperking	d410.2	ICF	2.16.840.1.113883.6.254	Beperking 25-49%
Ernstige beperking	d410.3	ICF	2.16.840.1.113883.6.254	Beperking 50-95%
Volledige beperking	d410.4	ICF	2.16.840.1.113883.6.254	Beperking 96-100%

## 1.8 Example Instances

Mobiliteit	
Lopen	Matige beperking (25-49%)
HoudingVeranderen	Matige beperking (25-49%)
HoudingHandhaven	Lichte beperking (5-24%)
UitvoerenTransfer	Lichte beperking (5-24%)
Toelichting	Rollator is eigen bezit.
VerpleegkundigeActie	
Activiteit	Ondersteunen met opstaan en lopen.
Hulpmiddel	
ProductType	Rollator

## 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. International Classification of Functioning Disability and Health (ICF) [Online] Beschikbaar op: <http://www.rivm.nl/who-fic/icf.htm> [Geraadpleegd: 13 februari 2015]

## 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



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