

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

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Release status: Prepublished

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1. nl.zorg.Mobility-v3.1

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	04-09-2017
DCM::PublicationStatus	Prepublished
DCM::ReviewerList	Projectgroep RadB Verpleegkundige Gegevens & Kerngroep Registratie aan de Bron
DCM::RevisionDate	04-09-2017
DCM::Superseeds	nl.zorg.Mobiliteit-v3.0
DCM::Version	3.1
HCIM::PublicationLanguage	EN

1.1 Revision History

Publicatieversie 1.0 (01-07-2015)

Publicatieversie 3.0 (01-05-2016)
Bevat: ZIB-453

Publicatieversie 3.1 (04-09-2017)
Bevat: ZIB-530, ZIB-531, ZIB-535

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;

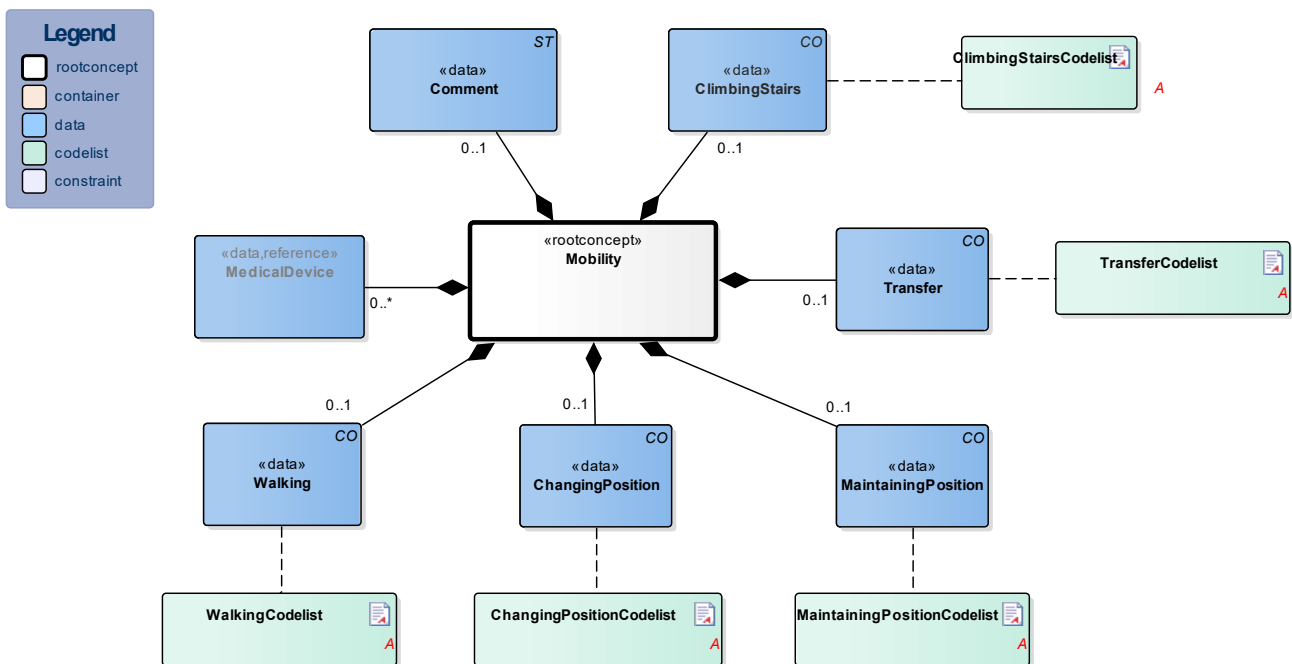
- so as to monitor mobility in the event that mobility limitations are the subject of treatment;
- to be able to warrant the continuity of care in transfers.

1.5 Patient Population

1.6 Evidence Base

The definitions of the concepts were (partially) taken from the ICF and ICNP 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 body from one place to another by moving legs stepwise by self, capacity to bear weight of body and walk with effective gait within the range of speed from slow, moderate and fast pace.	
Datatype	CO	

DCM::ConceptId	NL-CM:4.3.3	
DCM::DefinitionCode	SNOMED CT:282097004 Ability to walk	
DCM::ExampleValue	Hulp nodig	
DCM::ValueSet	WalkingCodelist	OID: 2.16.840.1.113883.2.4.3.11.60.40.2.4.3.9
Opties		

«data»	ClimbingStairs	
Definitie	ClimbingStairs indicates the extent to which a patient is capable of going up and down stairs independently.	
Datatype	CO	
DCM::ConceptId	NL-CM:4.3.18	
DCM::DefinitionCode	SNOMED CT:301587001 Ability to manage stairs	
DCM::ValueSet	ClimbingStairsCodelist	OID: 2.16.840.1.113883.2.4.3.11.60.40.2.4.3.12
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	SNOMED CT: 282869009 Ability to change position	
DCM::ExampleValue	Hulp nodig	
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	
DCM::ExampleValue	Onafhankelijk	
DCM::ValueSet	MaintainingPositionCodelist	OID: 2.16.840.1.113883.2.4.3.11.60.40.2.4.3.4
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	SNOMED CT: 364666007 Ability to transfer location	
DCM::ExampleValue	Met hulp	
DCM::ValueSet	TransferCodelist	OID: 2.16.840.1.113883.2.4.3.11.60.40.2.4.3.7
Opties		

«data»	MedicalDevice	
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 the rootconcept MedischHulpmiddel of information model MedicalDevice.
Opties		

«data»	Comment	
Definitie	A comment on the patient's mobility.	
Datatype	ST	
DCM::ConceptId	NL-CM:4.3.16	
DCM::DefinitionCode	LOINC: 48767-8 Annotation comment	
Opties		

«document»	ClimbingStairsCodelist	
Definitie		
Datatype		
DCM::ValueSetId	2.16.840.1.113883.2.4.3.11. 60.40.2.4.3.12	
Opties		

TraplopenCodelijst		OID: 2.16.840.1.113883.2.4.3.11.60.40.2.4.3.12		
Concept Name	Concept Code	CodeSys. Name	CodeSystem OID	Description
Independent on stairs	165249009	SNOMED CT	2.16.840.1.113883.6.96	Onafhankelijk
Needs help on stairs	165248001	SNOMED CT	2.16.840.1.113883.6.96	Hulp nodig
Unable to manage stairs	301589003	SNOMED CT	2.16.840.1.113883.6.96	Volledig afhankelijk

«document»	MaintainingPositionCodelist	
Definitie		
Datatype		
DCM::ValueSetId	2.16.840.1.113883.2.4.3.11. 60.40.2.4.3.4	
Opties		

HoudingHandhavenCodelijst		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
Independently able to maintain position	19811000146100	SNOMED CT	2.16.840.1.113883.6.96	Onafhankelijk
Needs help with maintaining position	16601000146106	SNOMED CT	2.16.840.1.113883.6.96	Hulp nodig

Unable to maintain a position	282848007	SNOMED CT	2.16.840.1.113883.6.96	Volledig afhankelijk
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«document»		TransferCodelist		
Definitie				
Datatype				
DCM::ValueSetId		2.16.840.1.113883.2.4.3.11.60.40.2.4.3.7		
Opties				
UitvoerenTransferCodelijst		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
Independent ability to transfer location	714915006	SNOMED CT	2.16.840.1.113883.6.96	Onafhankelijk
Ability to transfer location with assistance	714917003	SNOMED CT	2.16.840.1.113883.6.96	Hulp nodig
Unable to transfer location	714887007	SNOMED CT	2.16.840.1.113883.6.96	Volledig afhankelijk

«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
Independent walking	165245003	SNOMED CT	2.16.840.1.113883.6.96	Onafhankelijk
Needs help with walking	16581000146103	SNOMED CT	2.16.840.1.113883.6.96	Hulp nodig
Unable to walk	282145008	SNOMED CT	2.16.840.1.113883.6.96	Volledig afhankelijk

«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
Independently able to change position	19821000146105	SNOMED CT	2.16.840.1.113883.6.96	Onafhankelijk
Needs help with changing position	16611000146108	SNOMED CT	2.16.840.1.113883.6.96	Hulp nodig
Unable to change position	303384002	SNOMED CT	2.16.840.1.113883.6.96	Volledig afhankelijk

1.8 Example Instances

Mobiliteit	
Lopen	Hulp nodig
HoudingVeranderen	Onafhankelijk
HoudingHandhaven	Onafhankelijk
UitvoerenTransfer	Hulp nodig
Traplopen	Volledig afhankelijk
Toelichting	Rollator is eigen bezit.
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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