

# Health & Care Information Model:

nl.zorg.Mobility-v3.3.1

Status: Final

Release: 2024

Release status: Prepublished

Managed by:



# Content

<b>1. nl.zorg.Mobility-v3.3.1.....</b>	<b>3</b>
1.1 Revision History.....	3
1.2 Concept .....	3
1.3 Mindmap .....	3
1.4 Purpose.....	4
1.5 Patient Population .....	4
1.6 Evidence Base .....	4
1.7 Information Model .....	4
1.8 Example Instances.....	8
1.9 Instructions.....	8
1.10 Interpretation .....	8
1.11 Care Process .....	8
1.12 Example of the Instrument .....	8
1.13 Constraints.....	8
1.14 Issues .....	8
1.15 References .....	8
1.16 Functional Model .....	8
1.17 Traceability to other Standards.....	9
1.18 Disclaimer .....	9
1.19 Terms of Use .....	9
1.20 Copyrights.....	9

# 1. nl.zorg.Mobility-v3.3.1

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	15-04-2024
DCM::PublicationStatus	Prepublished
DCM::ReviewerList	Projectgroep RadB Verpleegkundige Gegevens & Kerngroep Registratie aan de Bron
DCM::RevisionDate	17-11-2021
DCM::Supersedes	nl.zorg.Mobiliteit-v3.3
DCM::Version	3.3.1
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

Publicatieversie 3.2 (06-07-2019)

Bevat: ZIB-732.

Publicatieversie 3.3 (01-09-2020)

Bevat: ZIB-1113.

Publicatieversie 3.3.1 (01-12-2021)

Bevat: ZIB-1575.

## 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:

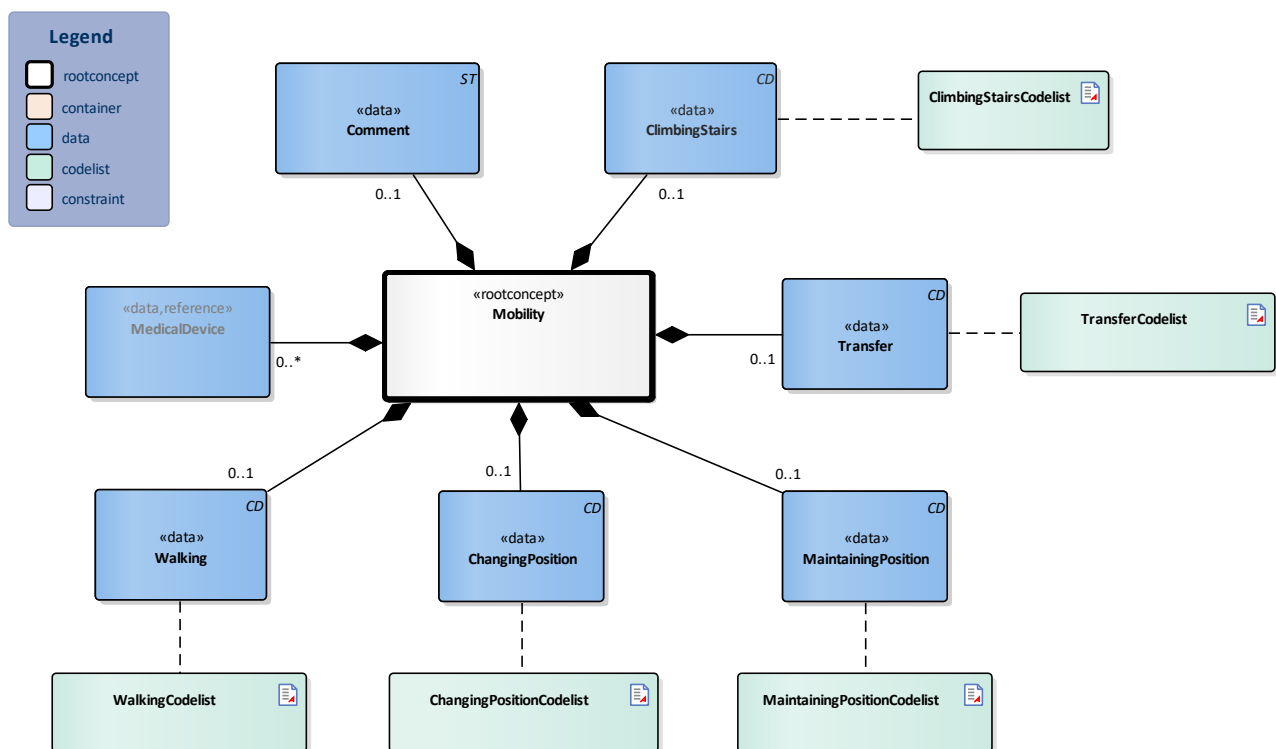
- to be able to take this into account when in contact with the patient and when providing care to the patient;
- so as to monitor mobility in the event that mobility limitations are the subject of treatment;
- to be able to warrant the continuity of care in transfers.

## 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
<b>Definitie</b>	Root concept of the Mobility information model. This concept contains all data elements of the Mobility information model.
<b>Datatype</b>	
<b>DCM::ConceptId</b>	NL-CM:4.3.1
<b>DCM::DefinitionCode</b>	SNOMED CT: 301438001 Ability to mobilise
<b>Opties</b>	

«data»	Walking
<b>Definitie</b>	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.
<b>Datatype</b>	CD
<b>DCM::ConceptId</b>	NL-CM:4.3.3
<b>DCM::DefinitionCode</b>	SNOMED CT:282097004 Ability to walk

<b>DCM::ExampleValue</b>	Hulp nodig	
<b>DCM::ValueSet</b>	WalkingCodelist	OID: 2.16.840.1.113883.2.4.3.11.60.40.2.4.3.9
<b>Opties</b>		

<b>«data»</b>	<b>ClimbingStairs</b>	
<b>Definitie</b>	ClimbingStairs indicates the extent to which a patient is capable of going up and down stairs independently.	
<b>Datatype</b>	CD	
<b>DCM::ConceptId</b>	NL-CM:4.3.18	
<b>DCM::DefinitionCode</b>	SNOMED CT:301587001 Ability to manage stairs	
<b>DCM::ValueSet</b>	ClimbingStairsCodelist	OID: 2.16.840.1.113883.2.4.3.11.60.40.2.4.3.12
<b>Opties</b>		

<b>«data»</b>	<b>ChangingPosition</b>	
<b>Definitie</b>	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.	
<b>Datatype</b>	CD	
<b>DCM::ConceptId</b>	NL-CM:4.3.8	
<b>DCM::DefinitionCode</b>	SNOMED CT: 282869009 Ability to change position	
<b>DCM::ExampleValue</b>	Hulp nodig	
<b>DCM::ValueSet</b>	ChangingPositionCodelist	OID: 2.16.840.1.113883.2.4.3.11.60.40.2.4.3.1
<b>Opties</b>		

<b>«data»</b>	<b>MaintainingPosition</b>	
<b>Definitie</b>	Maintaining position is staying in the same position, such as sitting in a chair or standing, when required.	
<b>Datatype</b>	CD	
<b>DCM::ConceptId</b>	NL-CM:4.3.12	
<b>DCM::DefinitionCode</b>	SNOMED CT: 249868004 Ability to maintain position	
<b>DCM::ExampleValue</b>	Onafhankelijk	
<b>DCM::ValueSet</b>	MaintainingPositionCodelist	OID: 2.16.840.1.113883.2.4.3.11.60.40.2.4.3.4
<b>Opties</b>		

<b>«data»</b>	<b>Transfer</b>	
<b>Definitie</b>	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.	
<b>Datatype</b>	CD	
<b>DCM::ConceptId</b>	NL-CM:4.3.5	
<b>DCM::DefinitionCode</b>	SNOMED CT: 364666007 Ability to transfer location	
<b>DCM::ExampleValue</b>	Met hulp	
<b>DCM::ValueSet</b>	TransferCodelist	OID: 2.16.840.1.113883.2.4.3.11.60.40.2.4.3.7
<b>Opties</b>		

<b>«data»</b>	<b>MedicalDevice</b>	
---------------	----------------------	--

<b>Definitie</b>	Description of medical aids that can be used for limitations in mobility.	
<b>Datatype</b>		
<b>DCM::ConceptId</b>	NL-CM:4.3.4	
<b>DCM::DefinitionCode</b>	SNOMED CT: 183135000 Mobility aid	
<b>DCM::ExampleValue</b>	Rolstoel	
<b>DCM::ReferencedConceptId</b>	NL-CM:10.1.1	This is a reference to the rootconcept MedischHulpmiddel of information model MedicalDevice.
<b>Opties</b>		

<b>«data»</b>	<b>Comment</b>	
<b>Definitie</b>	A comment on 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>		

<b>«document»</b>	<b>ChangingPositionCodelist</b>			
<b>Definitie</b>				
<b>Datatype</b>				
<b>DCM::ValueSetBinding</b>	Required			
<b>DCM::ValueSetId</b>	2.16.840.1.113883.2.4.3.11.6 0.40.2.4.3.1			
<b>HCIM::ValueSetLanguage</b>	--			
<b>Opties</b>				
<b>HoudingVeranderenCodelijst</b>		<b>OID: 2.16.840.1.113883.2.4.3.11.60.40.2.4.3.1</b>		
<b>Concept Name</b>	<b>Concept Code</b>	<b>CodeSys. Name</b>	<b>CodeSystem OID</b>	<b>Description</b>
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

<b>«document»</b>	<b>MaintainingPositionCodelist</b>			
<b>Definitie</b>				
<b>Datatype</b>				
<b>DCM::ValueSetBinding</b>	Required			
<b>DCM::ValueSetId</b>	2.16.840.1.113883.2.4.3.11.6 0.40.2.4.3.4			
<b>HCIM::ValueSetLanguage</b>	--			
<b>Opties</b>				
<b>HoudingHandhavenCodelijst</b>		<b>OID: 2.16.840.1.113883.2.4.3.11.60.40.2.4.3.4</b>		
<b>Concept Name</b>	<b>Concept Code</b>	<b>CodeSys. Name</b>	<b>CodeSystem OID</b>	<b>Description</b>
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	282848007	SNOMED CT	2.16.840.1.113883.6.96	Volledig

a position				afhankelijk
------------	--	--	--	-------------

«document»		WalkingCodelist		
Definitie				
Datatype				
DCM::ValueSetBinding	Required			
DCM::ValueSetId	2.16.840.1.113883.2.4.3.11.6 0.40.2.4.3.9			
HCIM::ValueSetLanguage	--			
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»		ClimbingStairsCodelist		
Definitie				
Datatype				
DCM::ValueSetBinding	Required			
DCM::ValueSetId	2.16.840.1.113883.2.4.3.11.6 0.40.2.4.3.12			
HCIM::ValueSetLanguage	--			
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»		TransferCodelist		
Definitie				
Datatype				
DCM::ValueSetBinding	Required			
DCM::ValueSetId	2.16.840.1.113883.2.4.3.11.6 0.40.2.4.3.7			
HCIM::ValueSetLanguage	--			
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
Able to transfer	719024002	SNOMED CT	2.16.840.1.113883.6.96	Hulp nodig

location with assistance				
Unable to transfer location	714887007	SNOMED CT	2.16.840.1.113883.6.96	Volledig afhankelijk

Legend	
Definitie	
Datatype	
Opties	

## 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

The Health and Care Information Models (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 the Health and Care Information Models. 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 a 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.

### 1.19 Terms of Use

The user may use the Health and Care Information Models without limitations. The copyright provisions in the paragraph concerned apply to copying, distributing and passing on the Health and Care Information Models.

### 1.20 Copyrights

A Health and Care Information Model qualifies as a work within the meaning of Section 10 of the Copyright Act (Auteurswet). Copyrights protect the Health and Care Information Models and these rights are owned by the cooperating parties.

The user may copy, distribute and pass on the information in this Health and Care Information Model under the conditions that apply for Creative Commons license Attribution-NonCommercial-ShareAlike 3.0 Netherlands (CC BY-NC-SA-3.0).

The content is available under Creative Commons Attribution-NonCommercial-ShareAlike 3.0 (see also <http://creativecommons.org/licenses/by-nc-sa/3.0/nl/>)

This does not apply to information from third parties that sometimes is used and / or referred to in a Health and Care Information Model, for example to an international medical terminology system. Any (copyright) rights that protect this information are not owned by the cooperating parties but by those third parties.

Nictiz is the independent national competence centre for electronic exchange of health and care information. The activities of Nictiz include the targeted development and management of information standards at the request of and in partnership with the stakeholders in healthcare. Nictiz advises these parties on all aspects of information exchange and identifies (future) national and international developments.

**Nictiz**

P.O. Box 19121  
2500 CC Den Haag  
Oude Middenweg 55  
2491 AC Den Haag

070-3173450  
[info@nictiz.nl](mailto:info@nictiz.nl)  
[www.nictiz.nl](http://www.nictiz.nl)

