

# Health & Care Information Model: nl.zorg.VermogenTotMondverzorging

Final

Managed by:

Better health  
through better IT

Nictiz 





## Content

1.	nl.zorg.VermogenTotMondverzorging-v3.0.....	4
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 .....	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 .....	9
1.17	Traceability to other Standards.....	9
1.18	Disclaimer .....	9
1.19	Terms of Use .....	9
1.20	Copyrights .....	9

## 1. nl.zorg.VermogenTotMondverzorging-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	2-4-2014
DCM::DeprecatedDate	
DCM::DescriptionLanguage	nl
DCM::EndorsingAuthority.Address	
DCM::EndorsingAuthority.Name	PM
DCM::EndorsingAuthority.Telecom	
DCM::Id	2.16.840.1.113883.2.4.3.11.60.40.3.4.13
DCM::KeywordList	Mondverzorging, ADL, beperking, tandverzorging
DCM::LifecycleStatus	Final
DCM::ModelerList	Werkgroep RadB Verpleegkundige Gegevens
DCM::Name	nl.zorg.VermogenTotMondverzorging
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.VermogenTotMondverzorging-v1.0
DCM::Version	3.0

### 1.1 Revision History

Publicatieversie 1.0 (01-07-2015)

Publicatieversie 3.0 (01-05-2016)

Bevat: ZIB-453

### 1.2 Concept

**! Attention: this information model is undergoing major revision. A new version will be available after summer.**

The ability to keep up one's own dental hygiene is part of self-care. This includes brushing teeth twice a day with fluoride toothpaste and/or cleaning (partial) dentures, cleaning jaws without teeth (edentulous jaws) and taking care of the mucous membrane of the mouth.

Limitations in this ability indicate a reduced ability to cope for oneself.

This activity and activities such as those including eating, getting dressed and bathing are also known as activities of daily living (ADL). These are the activities people go through in daily life. The extent to which a person is able to do all these activities by themselves is a measure for their total ability to do things independently.

(Source: Instruction card for oral hygiene, 2011)

## 1.3 Mindmap

## 1.4 Purpose

Problems with oral health can lead to malnutrition or disease: if the patient has difficulty eating, insufficient nutrients are absorbed. A bad set of teeth can also have negative social consequences, such as no longer being able to talk properly, having bad breath or a patient being embarrassed because of their appearance.

Information on limitations in a patient's ability to keep up their own dental hygiene is important in determining the nature and intensity of the care the patient needs. In a transfer situation, it offers the receiving organization the ability to anticipate the intensity of the care to be given to the patient, enabling continuity in healthcare for the patient.

If policy has been implemented to improve a patient's ability to do things independently, the entered extent of independence helps to evaluate the efficiency of the treatment.

## 1.5 Patient Population

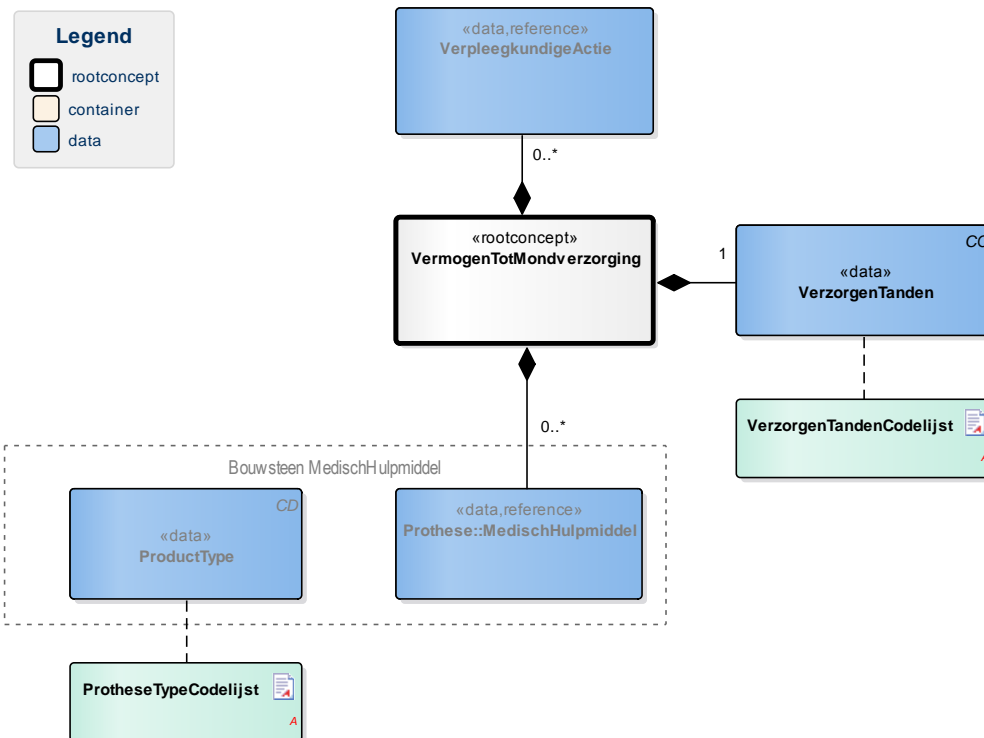
## 1.6 Evidence Base

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

In addition to this information model, there are more tools for entering the extent of independence, such as the BarthelIndex. The BarthelIndex is mainly used for patients who have had a stroke.

This information model evaluates the ability to keep up their own dental hygiene on a five-point scale. In the BarthelIndex, this falls under the aspect of Grooming. In this tool, the ability is scored on a scale with fewer points.

## 1.7 Information Model



«rootconcept»	VermogenTotMondverzorging
<b>Definitie</b>	Root concept of the AbilityToKeepUpDentalHygiene information model. This root concept contains all data elements of the AbilityToKeepUpDentalHygiene information model.
<b>Datatype</b>	
<b>DCM::DefinitionCode</b>	NL-CM:4.13.1
<b>Opties</b>	

«data»	VerzorgenTanden
<b>Definitie</b>	Keeping up dental hygiene by brushing teeth, flossing, using interdental brushes and cleaning dental prostheses or orthoses.
<b>Datatype</b>	CO
<b>DCM::DefinitionCode</b>	ICF: d5201 Verzorgen van tanden
<b>DCM::DefinitionCode</b>	NL-CM:4.13.3
<b>DCM::ValueSet</b>	VerzorgenTandenCodelijst OID: 2.16.840.1.113883.2.4.3.11.60.40.2.4.13.1
<b>Opties</b>	

«data»	Prothese::MedischHulpmiddel
<b>Definitie</b>	Information on the dental aids used by the patient.
<b>Datatype</b>	
<b>DCM::DefinitionCode</b>	NL-CM:4.13.4

<b>DCM::ReferencedDefinitionCode</b>	NL-CM:10.1.1	This is a reference to concept MedischHulpmiddel in information model MedischHulpmiddel.
<b>Opties</b>		

<b>«data»</b>	<b>ProductType</b>	
<b>Definitie</b>	A specification of the type of medical aids used by the patient, such as a prosthesis or orthosis.	
<b>Datatype</b>	CD	
<b>DCM::DefinitionCode</b>	NL-CM:10.1.3	
<b>DCM::ExampleValue</b>	Dental prosthesis, device	
<b>DCM::ExampleValue</b>	Orthodontic bracket	
<b>DCM::ValueSet</b>	ProtheseTypeCodelijst	OID: 2.16.840.1.113883.2.4.3.11.60.40.2.4.13.2
<b>Opties</b>		

<b>«data»</b>	<b>VerpleegkundigeActie</b>	
<b>Definitie</b>	The nursing procedures needed to help the patient with their dental hygiene.	
<b>Datatype</b>		
<b>DCM::DefinitionCode</b>	NL-CM:4.13.2	
<b>DCM::ExampleValue</b>	Gebit 's nachts uit.	
<b>DCM::ReferencedDefinitionCode</b>	NL-CM:14.2.9	This is a reference to concept VerpleegkundigeActie in information model VerpleegkundigeInterventie.
<b>Opties</b>		

<b>«document»</b>	<b>VerzorgenTandenCodelijst</b>	
<b>Definitie</b>		
<b>Datatype</b>		
<b>Opties</b>		

<b>VerzorgenTandenCodelijst</b>		<b>OID: 2.16.840.1.113883.2.4.3.11.60.40.2.4.13.1</b>		
Concept Name	Concept Code	CodeSys. Name	CodeSystem OID	Description
Geen beperking	d5201.0	ICF	2.16.840.1.113883.6.254	Beperking 0-4%
Lichte beperking	d5201.1	ICF	2.16.840.1.113883.6.254	Beperking 5-24%
Matige beperking	d5201.2	ICF	2.16.840.1.113883.6.254	Beperking 25-49%
Ernstige beperking	d5201.3	ICF	2.16.840.1.113883.6.254	Beperking 50-95%
Volledige beperking	d5201.4	ICF	2.16.840.1.113883.6.254	Beperking 96-100%

<b>«document»</b>	<b>ProtheseTypeCodelijst</b>	
<b>Definitie</b>		
<b>Datatype</b>		
<b>Opties</b>		
<b>ProtheseTypeCodelijst</b>		<b>OID: 2.16.840.1.113883.2.4.3.11.60.40.2.4.13.2</b>

Concept Name	Concept Code	CodeSys. Name	CodeSystem OID	Description
Dental prosthesis, device	27606000	SNOMED CT	2.16.840.1.113883.6.96	Gebitsprothes
Orthodontic bracket	261345007	SNOMED CT	2.16.840.1.113883.6.96	Orthothese

## 1.8 Example Instances

VermogenTotMondverzorging	
VerzorgenTanden	Lichte beperking (5-24%)
Prothese	
ProductType	Gebitsprothese
VerpleegkundigeActie	
Activiteit	2 maal daags gebitsprothese poetsen.

## 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]



2. Instructiekaart Mondverzorging. (2011) [Online] Beschikbaar op:  
[https://www.tno.nl/media/1905/instructiekaarten\\_instructiefilm\\_mondverzorging\\_verpleeghuisbewoners.pdf](https://www.tno.nl/media/1905/instructiekaarten_instructiefilm_mondverzorging_verpleeghuisbewoners.pdf) [Geraadpleegd: 13 februari 2015]

3. Richtlijn Mondverzorging. [Online] Beschikbaar op:  
<http://www.verenso.nl/assets/Uploads/Downloads/Richtlijnen/Richtlijnmondzorg.pdf> [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 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.

## 1.19 Terms of Use

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

## 1.20 Copyrights

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/>)