

# Health & Care Information Model:

nl.zorg.AbilityToPerformMouthcareActivities-v3.1

Status: Final

Release: 2024

Release status: Published

Managed by:





# Content

<b>1. nl.zorg.AbilityToPerformMouthcareActivities-v3.1</b>	<b>4</b>
1.1 Revision History	4
1.2 Concept	4
1.3 Mindmap	4
1.4 Purpose	4
1.5 Patient Population	5
1.6 Evidence Base	5
1.7 Information Model	5
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.zorg.AbilityToPerformMouthcareActivities-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	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	23-04-2025
DCM::PublicationStatus	Published
DCM::ReviewerList	Projectgroep RadB Verpleegkundige Gegevens & Kerngroep Registratie aan de Bron
DCM::RevisionDate	31-12-2017
DCM::Supersedes	nl.zorg.VermogenTotMondverzorging-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-549.

## 1.2 Concept

The ability to perform mouthcare activities 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

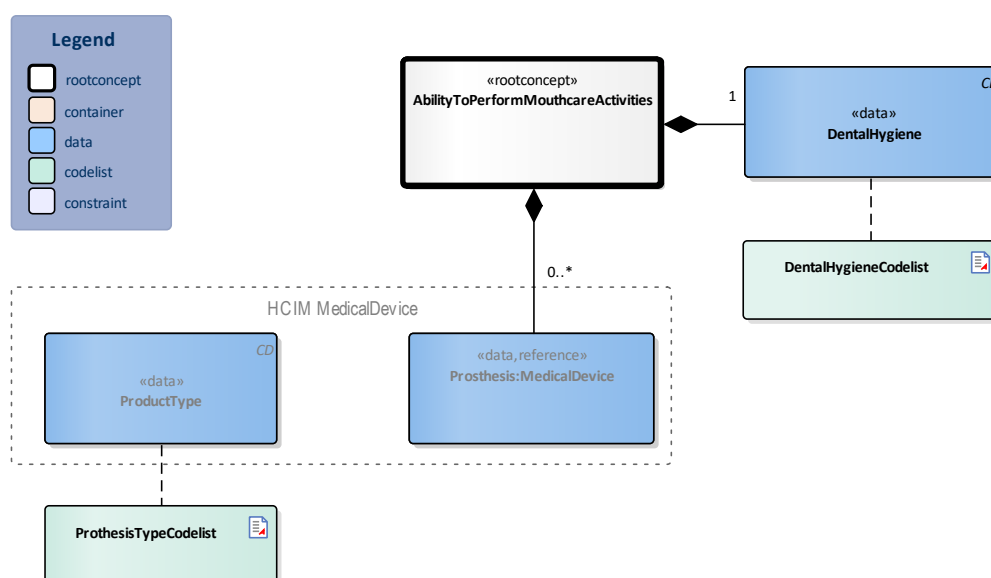
## 1.6 Evidence Base

The definitions of the concepts were (partially) taken from the ICNP 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 three-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»	AbilityToPerformMouthcareActivities	
Definitie	Root concept of the AbilityToPerformMouthcareActivities information model. This root concept contains all data elements of the AbilityToPerformMouthcareActivities information model.	
Datatype		
DCM::ConceptId	NL-CM:4.13.1	
Opties		

«data»	DentalHygiene	
Definitie	Taking care of mouth and teeth/molars or dentures.	
Datatype	CD	
DCM::ConceptId	NL-CM:4.13.2	

<b>DCM::DefinitionCode</b>	SNOMED CT:288470005 Ability to perform mouthcare activities	
<b>DCM::ValueSet</b>	DentalHygieneCodelist	OID: 2.16.840.1.113883.2.4.3.11.60.40.2.4.13.1
<b>Opties</b>		

<b>«data»</b>	<b>Prosthesis:MedicalDevice</b>	
<b>Definitie</b>	Information on the dental aids used by the patient.	
<b>Datatype</b>		
<b>DCM::ConceptId</b>	NL-CM:4.13.4	
<b>DCM::ReferencedConceptId</b>	NL-CM:10.1.1	This is a reference to the rootconcept of information model MedicalDevice.
<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::ConceptId</b>	NL-CM:10.1.3	
<b>DCM::ExampleValue</b>	Dental prosthesis, device	
<b>DCM::ExampleValue</b>	Orthodontic bracket	
<b>DCM::ValueSet</b>	ProthesisTypeCodelist	OID: 2.16.840.1.113883.2.4.3.11.60.40.2.4.13.2
<b>Opties</b>		

<b>«document»</b>	<b>DentalHygieneCodelist</b>		
<b>Definitie</b>			
<b>Datatype</b>			
<b>DCM::ValueSetBinding</b>	Required		
<b>DCM::ValueSetId</b>	2.16.840.1.113883.2.4.3.11.60.40.2.4.13.1		
<b>DCM::ValueSetIncludeOTH</b>	False		
<b>DCM::ValueSetStatus</b>	Active		
<b>HCIM::ValueSetLanguage</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>		
<b>Concept Name</b>	<b>Concept Code</b>	<b>CodeSys. Name</b>	<b>CodeSystem OID</b>	<b>Description</b>
Independent in performing mouthcare activities	19861000146103	SNOMED CT	2.16.840.1.113883.6.96	Onafhankelijk
Needs help with performing mouthcare activities	16671000146104	SNOMED CT	2.16.840.1.113883.6.96	Hulp nodig
Unable to perform mouthcare activities	289125004	SNOMED CT	2.16.840.1.113883.6.96	Volledig afhankelijk

<b>«document»</b>	<b>ProthesisTypeCodelist</b>		
<b>Definitie</b>			
<b>Datatype</b>			
<b>DCM::ValueSetBinding</b>	Extensible		

DCM::ValueSetId	2.16.840.1.113883.2.4.3.11.60.40.2.4.13.2		
DCM::ValueSetIncludeOTH	True		
DCM::ValueSetStatus	Active		
HCIM::ValueSetLanguage	--		
Opties			
ProtheseTypeCodelijst		OID: 2.16.840.1.113883.2.4.3.11.60.40.2.4.13.2	
Concept Name	Concept Code	CodeSys. Name	Description
Dental prosthesis, device	27606000	SNOMED CT	Gebitsprothese
Orthodontic bracket	261345007	SNOMED CT	Orthothese

	Legend
Definitie	
Datatype	
Opties	

## 1.8 Example Instances

VermogenTotMondverzorging	
VerzorgenTanden	Hulp nodig
Prothese	
ProductType	Gebitsprothese

## 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**

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)

