

# Health & Care Information Model: nl.nfu.AbilityToPerformMouthcareActiviti es-v1.0

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# Content

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# 1. nl.nfu.AbilityToPerformMouthcareActivities-v1.0

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	NFU & V&VN
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.nfu.VermogenTotMondverzorging
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DCM::Version	1.0
HCIM::PublicationLanguage	EN

## 1.1 Revision History

Publicatieversie 1.0 (01-07-2015)

## 1.2 Concept

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

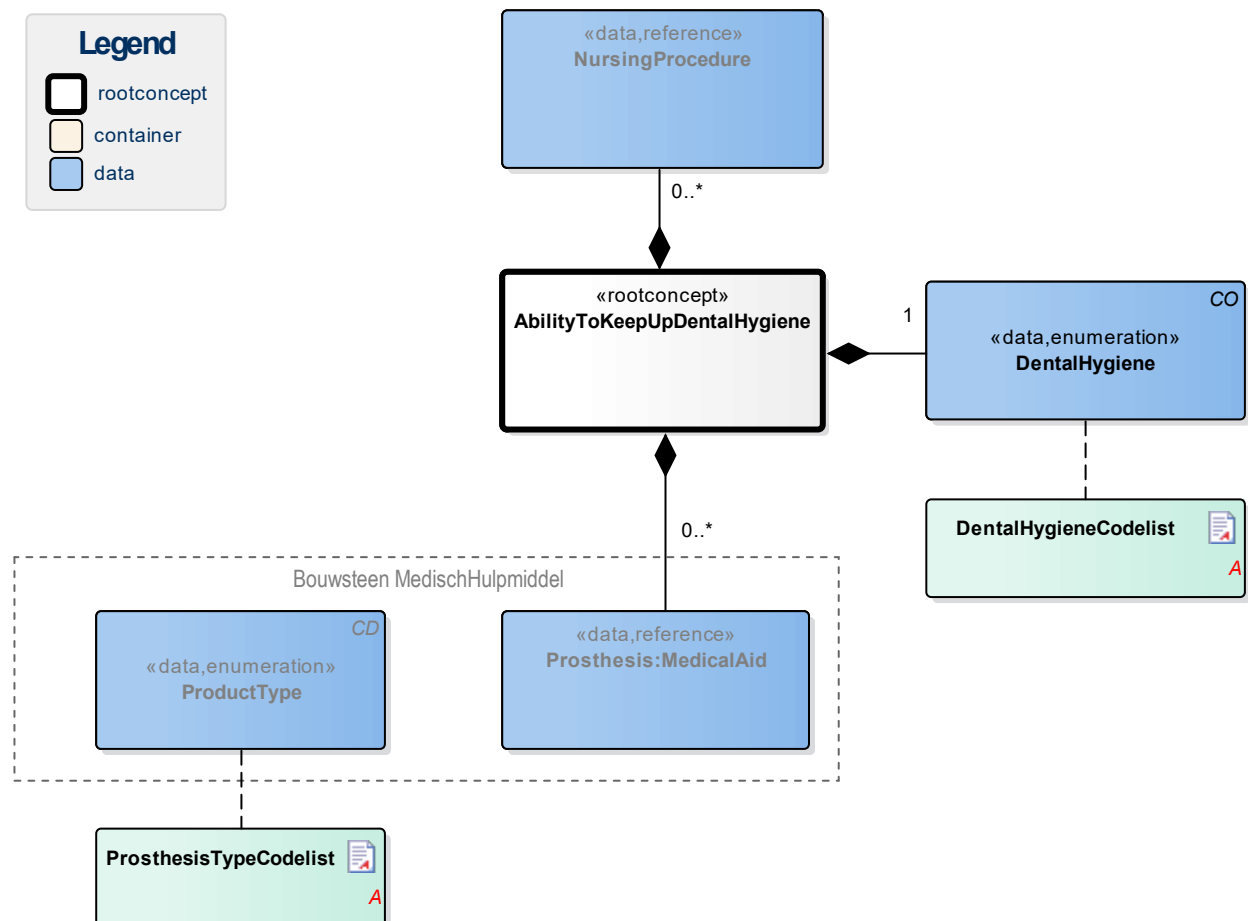
## 1.6 Evidence Base

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

In addition to this building block, 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 building block 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



<b>«rootconcept»</b>	<b>AbilityToKeepUpDentalHygiene</b>
<b>Definitie</b>	Root concept of the AbilityToKeepUpDentalHygiene building block. This root concept contains all data elements of the AbilityToKeepUpDentalHygiene building block.

<b>Datatype</b>		
<b>DCM::ConceptId</b>	NL-CM:4.13.1	
<b>Opties</b>		

<b>«data»</b>	<b>DentalHygiene</b>	
<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::ConceptId</b>	NL-CM:4.13.3	
<b>DCM::DefinitionCode</b>	ICF: d5201 Verzorgen van tanden	
<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:MedicalAid</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 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::ConceptId</b>	NL-CM:10.1.3	
<b>DCM::ExampleValue</b>	Orthodontic bracket	
<b>DCM::ExampleValue</b>	Dental prosthesis, device	
<b>DCM::ValueSet</b>	ProsthesisTypeCodelist	OID: 2.16.840.1.113883.2.4.3.11.60.40.2.4.13.2
<b>Opties</b>		

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

<b>«document»</b>	<b>DentalHygieneCodelist</b>	
<b>Definitie</b>		
<b>Datatype</b>		

<b>DCM::ValueSetId</b>	2.16.840.1.113883.2.4.3.11.60.40.2.4.13.1		
<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>
Geen beperking	d5201.0	ICF	2.16.840.1.113883.6.254
Lichte beperking	d5201.1	ICF	2.16.840.1.113883.6.254
Matige beperking	d5201.2	ICF	2.16.840.1.113883.6.254
Ernstige beperking	d5201.3	ICF	2.16.840.1.113883.6.254
Volledige beperking	d5201.4	ICF	2.16.840.1.113883.6.254
			<b>Description</b>
			Beperking 0-4%
			Beperking 5-24%
			Beperking 25-49%
			Beperking 50-95%
			Beperking 96-100%

<b>«document»</b>	<b>ProsthesisTypeCodelist</b>	
<b>Definitie</b>		
<b>Datatype</b>		
<b>DCM::ValueSetId</b>	2.16.840.1.113883.2.4.3.11.60.40.2.4.13.2	
<b>Opties</b>		

<b>ProtheseTypeCodelijst</b>		<b>OID: 2.16.840.1.113883.2.4.3.11.60.40.2.4.13.2</b>		
<b>Concept Name</b>	<b>Concept Code</b>	<b>CodeSys. Name</b>	<b>CodeSystem OID</b>	<b>Description</b>
Dental prosthesis, device	27606000	SNOMED CT	2.16.840.1.113883.6.96	Gebitsprothese
Orthodontic bracket	261345007	SNOMED CT	2.16.840.1.113883.6.96	Orthothese

## 1.8 Example Instances

<b>VermogenTotMondverzorging</b>	
VerzorgenTanden	Lichte beperking (5-24%)
<b>Prothese</b>	
ProductType	Gebitsprothese
<b>VerpleegkundigeActie</b>	
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

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