Health & Care Information Model:

nl.zorg.AbilityToPerformMouthcareActivities-v3.1

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Content

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
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DCM::RevisionDate	31-12-2017
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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.
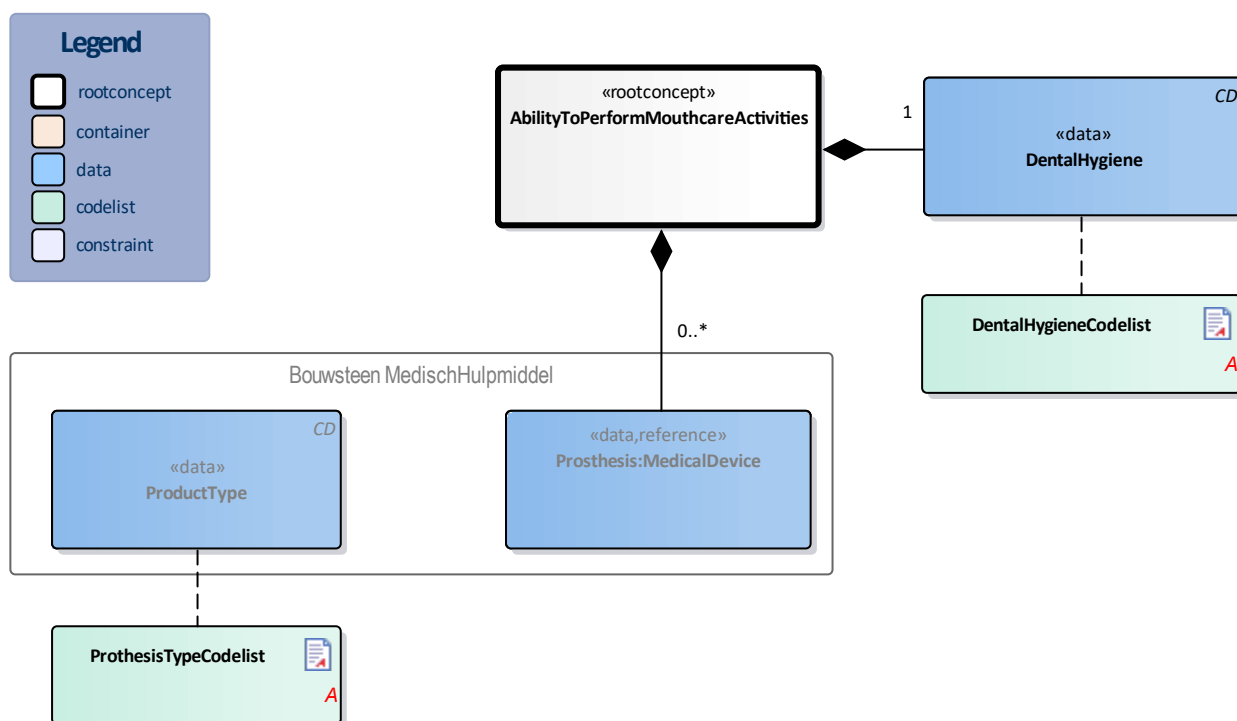
1.5   Patient Population

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

«data»	Prosthesis:MedicalDevice	
Definitie	Information on the dental aids used by the patient.	
Datatype		
DCM::ConceptId	NL-CM:4.13.4	
DCM::ReferencedConceptId	NL-CM:10.1.1	This is a reference to the rootconcept of information model MedicalDevice.
Opties		

«data»	ProductType	
Definitie	A specification of the type of medical aids used by the patient, such as a prosthesis or orthesis.	
Datatype	CD	
DCM::ConceptId	NL-CM:10.1.3	
DCM::ExampleValue	Dental prosthesis, device	
DCM::ExampleValue	Orthodontic bracket	
DCM::ValueSet	ProthesisTypeCodelist	OID: 2.16.840.1.113883.2.4.3.11.60.40.2.4.13.2
Opties		

«document»	DentalHygieneCodelist	
Definitie		
Datatype		
DCM::ValueSetBinding	Required	
DCM::ValueSetId	2.16.840.1.113883.2.4.3.11.60.40.2.4.13.1	
Opties		

VerzorgenTandenCodelijst		OID: 2.16.840.1.113883.2.4.3.11.60.40.2.4.13.1		
Concept Name	Concept Code	CodeSys. Name	CodeSystem OID	Description
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

«document»	ProthesisTypeCodelist	
Definitie		
Datatype		
DCM::ValueSetBinding	Extensible	

DCM::ValueSetId	2.16.840.1.113883.2.4.3.11.60.40.2.4.13.2	
Opties		

ProtheseTypeCodelijst		OID: 2.16.840.1.113883.2.4.3.11.60.40.2.4.13.2		
Concept Name	**Concept Code**	**CodeSys. Name**	**CodeSystem OID**	**Description**
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

	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 [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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