Health & Care Information Model: nl.zorg.AbilityToPerformMouthcareActivi ties-v3.1

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Content

1. nl.:	zorg.AbilityToPerformMouthcareActivities-v3.1	4
1.1	Revision History	4
1.2	Concept	_4
1.3	Mindmap	4
1.4	Purpose	5
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
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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
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DCM::ReviewerList	Projectgroep RadB Verpleegkundige Gegevens &
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DCM::RevisionDate	04-09-2017
DCM::Superseeds	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

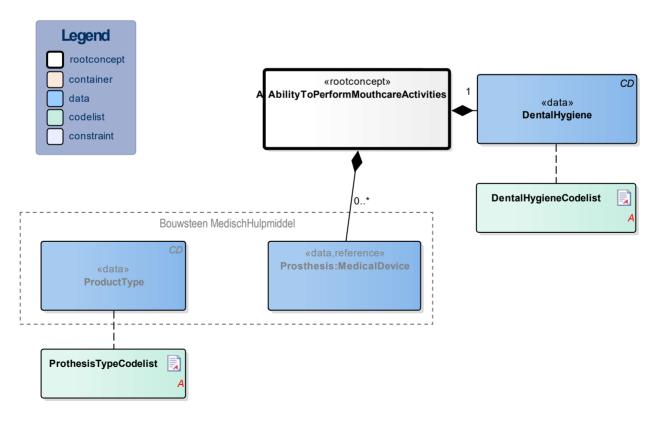
1.6 Evidence Base

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 inform	
	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::ReferencedConc	NL-CM:10.1.1	This is a reference to the rootconcept of	
eptId		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»	DentalHygie	neCodelist		
Definitie				
Datatype				
DCM::ValueSetId	2.16.840.1.1138	383.2.4.3.11.		
	60.40.2.4.13.1			
Opties				
VerzorgenTandenCode	lijst	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 16671000146104 performing mouthcare activities		SNOMED CT	2.16.840.1.113883.6.96	Hulp nodig

Unable to perform	289125004	SNOMED CT	2.16.840.1.113883.6.96	Volledig
mouthcare activities				afhankelijk

«document»	Prothesis Type Codelist	
Definitie		
Datatype		
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	

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.p df [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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