

Health & Care Information Model: nl.zorg.CommunicationSkills-v3.0

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Content

1. nl.zorg.CommunicationSkills-v3.0	3
1.1 Revision History	3
1.2 Concept	3
1.3 Mindmap	3
1.4 Purpose	3
1.5 Patient Population	4
1.6 Evidence Base	4
1.7 Information Model	4
1.8 Example Instances	7
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	8
1.17 Traceability to other Standards	8
1.18 Disclaimer	8
1.19 Terms of Use	9
1.20 Copyrights	9

1. nl.zorg.CommunicationSkills-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	NFU & V&VN
DCM::EndorsingAuthority.Telecom	
DCM::Id	2.16.840.1.113883.2.4.3.11.60.40.3.18.3
DCM::KeywordList	Communicatievaardigheden, verbale communicatie, non-verbale communicatie
DCM::LifecycleStatus	Final
DCM::ModelerList	Werkgroep RadB Verpleegkundige Gegevens
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DCM::PublicationDate	1-5-2016
DCM::PublicationStatus	Published
DCM::ReviewerList	Projectgroep RadB Verpleegkundige Gegevens & Kerngroep Registratie aan de Bron
DCM::RevisionDate	8-9-2015
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DCM::Version	3.0
HCIM::PublicationLanguage	EN

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.

Communication skills are a patient's skills in terms of sharing information (both verbally and non-verbally), with a distinction between understanding the communicated information and the ability to express oneself, both verbally and non-verbally.

Limitations in communication skills can have various causes. They can result from brain damage, such as aphasia, or mental function disorders. This can have a major impact on the extent to which a person is able to understand information or the way in which a person can express themselves. Hearing impaired patients can also have difficulty in communication.

Linguistic competence is not a part of communication skills.

1.3 Mindmap

1.4 Purpose

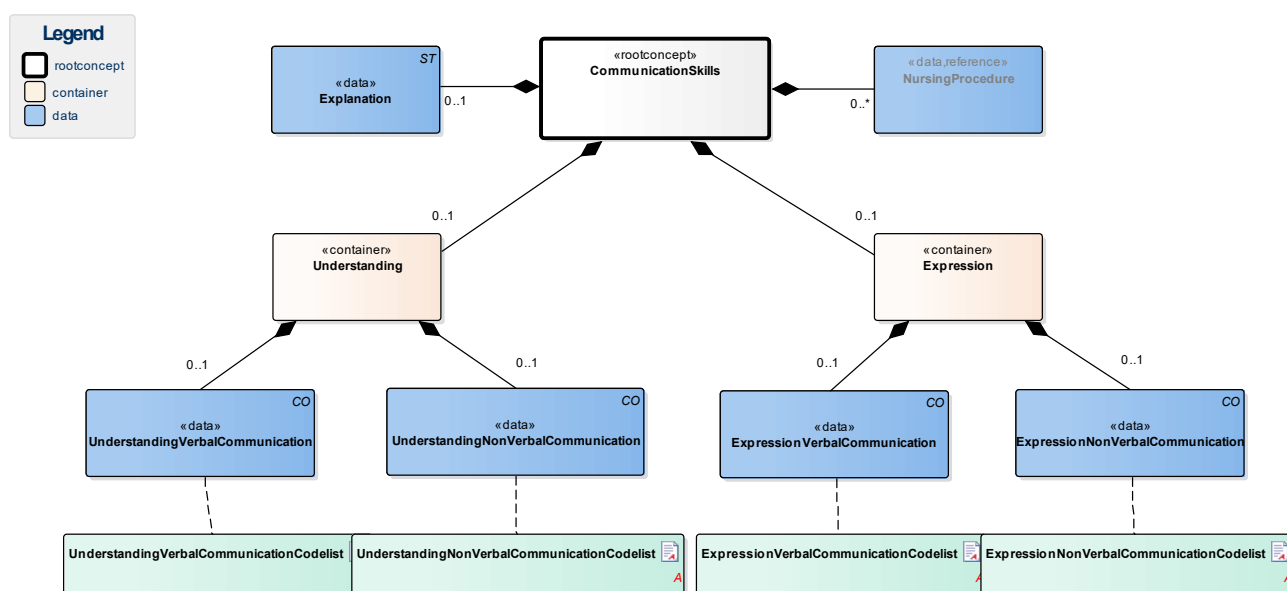
Information on communication skills is essential in gaining insight into the nature of possible limitations so that this can be taken into account in care for and communication with the patient.

1.5 Patient Population

1.6 Evidence Base

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

1.7 Information Model



«rootconcept»	CommunicationSkills
Definitie	Root concept of the CommunicationSkills information model. This root concept contains all data elements of the CommunicationSkills information model.
Datatype	
DCM::ConceptId	NL-CM:18.3.1
Opties	

«container»	Expression
Definitie	Container of the Expression concept. This container contains all data elements of the Expression concept.
Datatype	
DCM::ConceptId	NL-CM:18.3.3
DCM::DefinitionCode	SNOMED CT: 288737001 Ability to use self-expression
Opties	

«data»	ExpressionNonVerbalCommunication
Definitie	Expressing oneself by means of non-verbal communication entails the use of gestures, symbols and drawings to bring messages across. Examples

	include shaking the head to indicate disapproval and drawing pictures or diagrams to express a fact or complex idea. The concept also includes the use of body language, signs, symbols and pictures.	
Datatype	CO	
DCM::ConceptId	NL-CM:18.3.4	
DCM::DefinitionCode	ICF: d335 Zich non-verbaal uiten	
DCM::ValueSet	ExpressionNonVerbalCommunicationCodelist	OID: 2.16.840.1.113883.2.4.3.11.60.40.2.18.3.1
Opties		

«data»	ExpressionVerbalCommunication	
Definitie	Expressing oneself by means of verbal communication entails producing words, sentences and longer passages in spoken language, with a literal and figurative meaning. Examples include sharing a fact by talking, or telling a story.	
Datatype	CO	
DCM::ConceptId	NL-CM:18.3.5	
DCM::DefinitionCode	ICF: d330 Spreken	
DCM::ValueSet	ExpressionVerbalCommunicationCodelist	OID: 2.16.840.1.113883.2.4.3.11.60.40.2.18.3.2
Opties		

«container»	Understanding	
Definitie	Container of the Understanding concept. This container contains all data elements of the Understanding concept.	
Datatype		
DCM::ConceptId	NL-CM:18.3.6	
DCM::DefinitionCode	SNOMED CT: 395659009 Ability to comprehend	
Opties		

«data»	UnderstandingNonVerbalCommunication	
Definitie	Understanding non-verbal communication entails understanding the literal and implicit meaning of messages expressed by body language, symbols and drawings. An example would be understanding that when a child rubs their eyes, it means they are tired. This concept includes understanding body language, general signs, symbols, drawings and pictures. Understanding formal sign language is not a part of this concept.	
Datatype	CO	
DCM::ConceptId	NL-CM:18.3.7	
DCM::DefinitionCode	ICF: d315 Begrijpen van non-verbale boodschappen	
DCM::ValueSet	UnderstandingNonVerbalCommunicationCodelist	OID: 2.16.840.1.113883.2.4.3.11.60.40.2.18.3.3
Opties		

«data»	UnderstandingVerbalCommunication	
Definitie	Understanding verbal communication includes understanding the literal and implicit meanings of spoken messages, such as understanding whether	

	a statement is a fact or an idiomatic expression.	
Datatype	CO	
DCM::ConceptId	NL-CM:18.3.8	
DCM::DefinitionCode	ICF: d310 Begrijpen van gesproken boodschappen	
DCM::ValueSet	UnderstandingVerbalCommunicationCodelist	OID: 2.16.840.1.113883.2.4.3.11.60.40.2.18.3.4
Opties		

«data»	Explanation	
Definitie	Explanation of one or more aspects of the communication skills, which cannot be expressed in any of the other concepts.	
Datatype	ST	
DCM::ConceptId	NL-CM:18.3.9	
DCM::DefinitionCode	LOINC: 48767-8 Annotation comment	
DCM::ExampleValue	Heer heeft afasie, begrijpt redelijk, maar praten gaat moeizaam.	
Opties		

«data»	NursingProcedure	
Definitie	The nursing procedures needed to help the patient with limitations they experience in communication.	
Datatype		
DCM::ConceptId	NL-CM:18.3.2	
DCM::ExampleValue	tolk regelen	
DCM::ReferencedConceptId	NL-CM:14.2.9	This is a reference to concept VerpleegkundigeActie in information model VerpleegkundigeInterventie.
Opties		

«document»	ExpressionNonVerbalCommunicationCodelist	
Definitie		
Datatype		
DCM::ValueSetId	2.16.840.1.113883.2.4.3.11.60.40.2.18.3.1	
Opties		

ZichUitenNonVerbaleCommunicatieCodelist		OID: 2.16.840.1.113883.2.4.3.11.60.40.2.18.3.1		
Concept Name	Concept Code	CodeSys. Name	CodeSystem OID	Description
Geen beperking	d335.0	ICF	2.16.840.1.113883.6.254	Beperking 0-4%
Lichte beperking	d335.1	ICF	2.16.840.1.113883.6.254	Beperking 5-24%
Matige beperking	d335.2	ICF	2.16.840.1.113883.6.254	Beperking 25-49%
Ernstige beperking	d335.3	ICF	2.16.840.1.113883.6.254	Beperking 50-95%
Volledige beperking	d335.4	ICF	2.16.840.1.113883.6.254	Beperking 96-100%

«document»	ExpressionVerbalCommunicationCodelist	
Definitie		
Datatype		

DCM::ValueSetId	2.16.840.1.113883.2.4.3.11.60.40.2.18.3.2			
Opties				
ZichUitenVerbaleCommunicatieCodelijst	OID: 2.16.840.1.113883.2.4.3.11.60.40.2.18.3.2			
Concept Name	Concept Code	CodeSys. Name	CodeSystem OID	Description
Geen beperking	d330.0	ICF	2.16.840.1.113883.6.254	Beperking 0-4%
Lichte beperking	d330.1	ICF	2.16.840.1.113883.6.254	Beperking 5-24%
Matige beperking	d330.2	ICF	2.16.840.1.113883.6.254	Beperking 25-49%
Ernstige beperking	d330.3	ICF	2.16.840.1.113883.6.254	Beperking 50-95%
Volledige beperking	d330.4	ICF	2.16.840.1.113883.6.254	Beperking 96-100%

«document»	UnderstandingNonVerbalCommunicationCodelist			
Definitie				
Datatype				
DCM::ValueSetId	2.16.840.1.113883.2.4.3.11.60.40.2.18.3.3			
Opties				
BegrijpenNonVerbaleCommunicatieCodelijst	OID: 2.16.840.1.113883.2.4.3.11.60.40.2.18.3.3			
Concept Name	Concept Code	CodeSys. Name	CodeSystem OID	Description
Geen beperking	d315.0	ICF	2.16.840.1.113883.6.254	Beperking 0-4%
Lichte beperking	d315.1	ICF	2.16.840.1.113883.6.254	Beperking 5-24%
Matige beperking	d315.2	ICF	2.16.840.1.113883.6.254	Beperking 25-49%
Ernstige beperking	d315.3	ICF	2.16.840.1.113883.6.254	Beperking 50-95%
Volledige beperking	d315.4	ICF	2.16.840.1.113883.6.254	Beperking 96-100%

«document»	UnderstandingVerbalCommunicationCodelist			
Definitie				
Datatype				
DCM::ValueSetId	2.16.840.1.113883.2.4.3.11.60.40.2.18.3.4			
Opties				
BegrijpenVerbaleCommunicatieCodelijst	OID: 2.16.840.1.113883.2.4.3.11.60.40.2.18.3.4			
Concept Name	Concept Code	CodeSys. Name	CodeSystem OID	Description
Geen beperking	d310.0	ICF	2.16.840.1.113883.6.254	Beperking 0-4%
Lichte beperking	d310.1	ICF	2.16.840.1.113883.6.254	Beperking 5-24%
Matige beperking	d310.2	ICF	2.16.840.1.113883.6.254	Beperking 25-49%
Ernstige beperking	d310.3	ICF	2.16.840.1.113883.6.254	Beperking 50-95%
Volledige beperking	d310.4	ICF	2.16.840.1.113883.6.254	Beperking 96-100%

1.8 Example Instances

Communicatievaardigheden	
Begrijpen	
BegrijpenNonVerbaleCommunicatie	Geen beperking (0-4%)
BegrijpenVerbaleCommunicatie	Lichte beperking (5-24%)
ZichUiten	
ZichUitenNonVerbaleCommunicatie	Lichte beperking (5-24%)
ZichUitenVerbaleCommunicatie	Matige beperking (25-49%)
VerpleegkundigeActie	
Activiteit	Gebruik maken van symbolenkaart bij communicatie.
Toelichting	Door afasie begrijpt patiënt over het algemeen goed, maar heeft veel moeite met de juiste woorden vinden.

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]

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

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