Health & Care Information Model:

nl.zorg.AlgemeneMentaleFuncties

Final

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Content

1. nl.zorg.AlgemeneMentaleFuncties-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	1-4-2014
DCM::DeprecatedDate	
DCM::DescriptionLanguage	nl
DCM::EndorsingAuthority.Address	
DCM::EndorsingAuthority.Name	PM
DCM::EndorsingAuthority.Telecom	
DCM::Id	2.16.840.1.113883.2.4.3.11.60.40.3.18.1
DCM::KeywordList	Mentale functies, intellectuele functies, oriëntatie, bewustzijn
DCM::LifecycleStatus	Final
DCM::ModelerList	Werkgroep RadB Verpleegkundige Gegevens
DCM::Name	nl.zorg.AlgemeneMentaleFuncties
DCM::PublicationDate	1-5-2016
DCM::PublicationStatus	Published
DCM::ReviewerList	Projectgroep RadB Verpleegkundige Gegevens & Kerngroep Registratie aan de Bron
DCM::RevisionDate	8-9-2015
DCM::Superseeds	nl.nfu.AlgemeneMentaleFuncties-v1.0
DCM::Version	3.0

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.
Important parts of the brain's general mental functions are intellectual functions, orientation and consciousness.
If there is a disorder in the intellectual functions as a result of a mental disability, it is not described in this information model but is recorded as a medical diagnosis.
Disorders in orientation and consciousness combined with disorders in attention, memory and observation are seen as important symptoms for the potential presence of a delirium. The latter disorders are recorded in the SpecificMentalFunctions information model.

1.3 Mindmap

1.4 Purpose

Together, consciousness, orientation and intellectual functions provide a good insight into a patient's mental condition.

This information is essential in drawing up the healthcare plan. The availability of this information allows you to take into account the patient's wishes and capabilities. Furthermore, it offers a handle in approaching and supporting the patient.

Having this information available earlier on for a transfer enables procedures to be promptly initiated to continue the care as well as possible.

1.5 Patient Population

1.6 Evidence Base

This information model assumes that if the patient has a disorder in intellectual functions as a result of a mental disability, this disorder is to be included on the problem list in the medical transfer (if possible using the DSM classification).
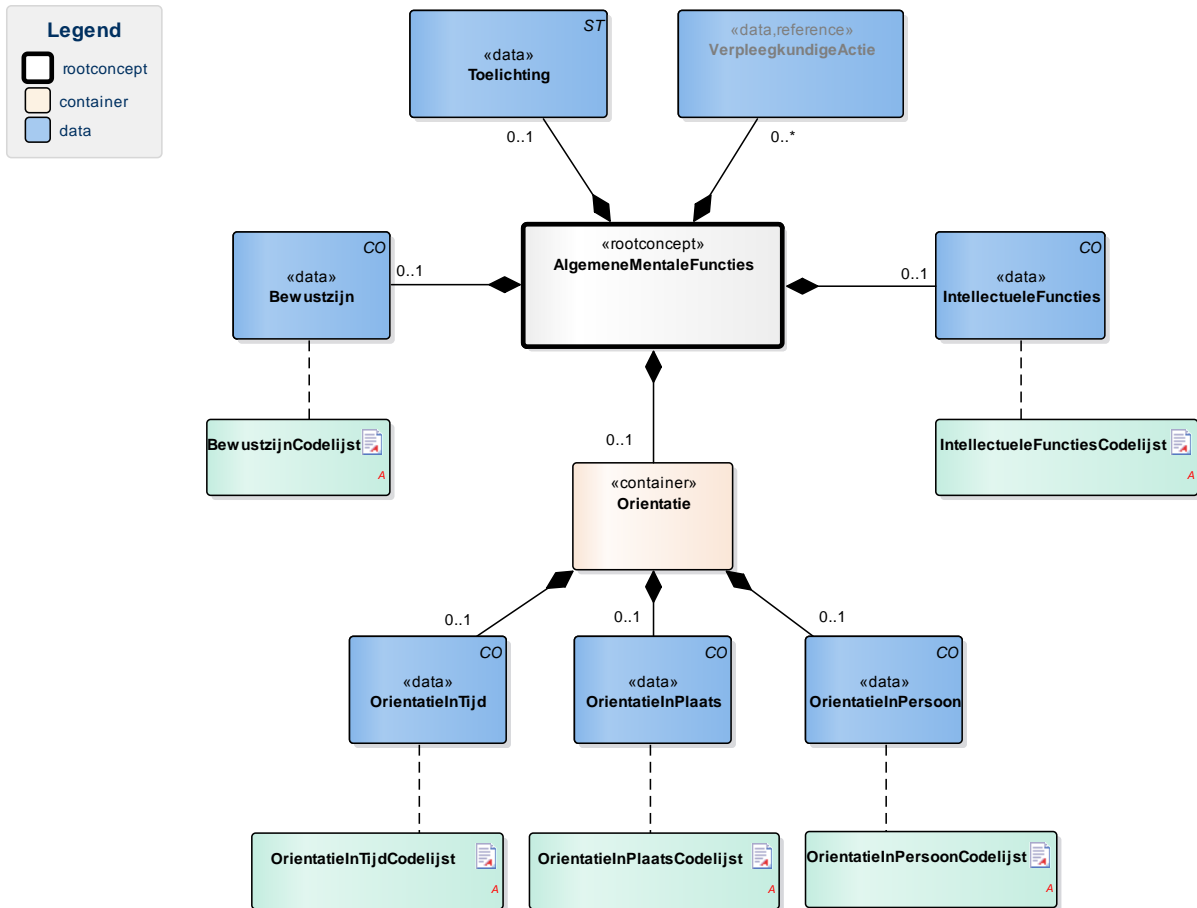
The aforementioned assumes the following definition of a mental disability: "A patient with a mental disability has a congenital disability or a disability which occurred at a later developmental stage in intellectual function. They have an IQ of 70/75 or lower. This is accompanied by limitations in social (self-)reliance. This diagnosis is partially based on the need for support."

(Source: Meijer S (RIVM). Verstandelijke beperking samengevat. In: Volksgezondheid Toekomst Verkenning, Nationaal Kompas Volksgezondheid. Bilthoven: RIVM.)

The need for support involved can be described in the relevant information model.

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

1.7 Information Model

«rootconcept»	AlgemeneMentaleFuncties	
Definitie	Root concept of the GeneralMentalFunctions information model. This concept contains all data elements of the GeneralMentalFunctions information model.	
Datatype		
DCM::DefinitionCode	NL-CM:18.1.1	
Opties		

«data»	Bewustzijn	
Definitie	General mental function relating to the extent of consciousness and alertness including the lucidity and continuity of being awake. Contains: the extent of consciousness, continuity of consciousness, and quality of consciousness. Examples of disorders that may occur include: loss of consciousness, coma, vegetative state, dissociative fugue, trance, frenzy, altered consciousness caused by drugs, delirium and stupor.	
Datatype	CO	
DCM::DefinitionCode	NL-CM:18.1.2	
DCM::DefinitionCode	ICF: b110 Bewustzijn	
DCM::ExampleValue	Lichte stoornis	
DCM::ValueSet	BewustzijnCodelijst	OID: 2.16.840.1.113883.2.4.3.11.60.40.2.18.1.4

Opties	

«container»	Orientatie	
Definitie	Container of the Orientation concept. This container contains all data elements of the Orientation concept.	
Datatype		
DCM::DefinitionCode	NL-CM:18.1.6	
DCM::DefinitionCode	SNOMED CT: 43173001 Orientation, function	
Opties		

«data»	OrientatieInTijd	
Definitie	Orientation in time describes a patient being aware of the day, date, month and year.	
Datatype	CO	
DCM::DefinitionCode	NL-CM:18.1.7	
DCM::DefinitionCode	ICF: b1140 Orientatie in tijd	
DCM::ExampleValue	Matige stoornis	
DCM::ValueSet	OrientatieInTijdCodelijst	OID: 2.16.840.1.113883.2.4.3.11.60.40.2.18.1.1
Opties		

«data»	OrientatieInPlaats	
Definitie	Orientation in location describes a patient being aware of their physical location, such as their immediate surroundings or their city or country of residence.	
Datatype	CO	
DCM::DefinitionCode	ICF: b1141 Orientatie in plaats	
DCM::DefinitionCode	NL-CM:18.1.8	
DCM::ExampleValue	Ernstige stoornis	
DCM::ValueSet	OrientatieInPlaatsCodelijst	OID: 2.16.840.1.113883.2.4.3.11.60.40.2.18.1.2
Opties		

«data»	OrientatieInPersoon	
Definitie	Orientation in person describes a patient being aware of their own identity and of the identity of people in their immediate environment.	
Datatype	CO	
DCM::DefinitionCode	ICF: b1142 Orientatie in persoon	
DCM::DefinitionCode	NL-CM:18.1.9	
DCM::ExampleValue	Lichte stoornis	
DCM::ValueSet	OrientatieInPersoonCodelijst	OID: 2.16.840.1.113883.2.4.3.11.60.40.2.18.1.3

Opties	

«data»	IntellectueleFuncties	
Definitie	Intellectual functions describe general mental functions needed for the ability to understand things and to constructively integrate different mental functions, including all cognitive functions and development, for the duration of the patient's life. Contains: intellectual growth and intellectual growth disorders such as those that occur in intellectual retardation and dementia.	
Datatype	CO	
DCM::DefinitionCode	NL-CM:18.1.3	
DCM::DefinitionCode	ICF: b117 Intellectuele functies	
DCM::ExampleValue	Lichte stoornis	
DCM::ValueSet	IntellectueleFunctiesCodelijst	OID: 2.16.840.1.113883.2.4.3.11.60.40.2.18.1.5
Opties		

«data»	Toelichting	
Definitie	Explanation or comment on the general mental functions.	
Datatype	ST	
DCM::DefinitionCode	LOINC: 48767-8 Annotation comment	
DCM::DefinitionCode	NL-CM:18.1.4	
DCM::ExampleValue	Patiënt voelt zich erg neerslachtig	
Opties		

«data»	VerpleegkundigeActie	
Definitie	The nursing procedures needed to help the patient with disorders in general mental functions.	
Datatype		
DCM::DefinitionCode	NL-CM:18.1.5	
DCM::ExampleValue	Ondersteuning dagstructuur	
DCM::ReferencedDefinitionCode	NL-CM:14.2.9	This is a reference to concept VerpleegkundigeActie in information model VerpleegkundigeInterventie.
Opties		

«document»	BewustzijnCodelijst	
Definitie		
Datatype		
Opties		
BewustzijnCodelijst	OID: 2.16.840.1.113883.2.4.3.11.60.40.2.18.1.4	

Concept Name	Concept Code	CodeSys. Name	CodeSystem OID	Description
Geen stoornis	b110.0	ICF	2.16.840.1.113883.6.254	Stoornis 0-4%
Lichte stoornis	b110.1	ICF	2.16.840.1.113883.6.254	Stoornis 5-24%
Matige stoornis	b110.2	ICF	2.16.840.1.113883.6.254	Stoornis 25-49%
Ernstige stoornis	b110.3	ICF	2.16.840.1.113883.6.254	Stoornis 50-95%
Volledige stoornis	b110.4	ICF	2.16.840.1.113883.6.254	Stoornis 96-100%

«document»	OrientatieInTijdCodelijst			
Definitie				
Datatype				
Opties				

OrientatieInTijdCodelijst	OID: 2.16.840.1.113883.2.4.3.11.60.40.2.18.1.1			
Concept Name	**Concept Code**	**CodeSys. Name**	**CodeSystem OID**	**Description**
Geen stoornis	b1140.0	ICF	2.16.840.1.113883.6.254	Stoornis 0-4%
Lichte stoornis	b1140.1	ICF	2.16.840.1.113883.6.254	Stoornis 5-24%
Matige stoornis	b1140.2	ICF	2.16.840.1.113883.6.254	Stoornis 25-49%
Ernstige stoornis	b1140.3	ICF	2.16.840.1.113883.6.254	Stoornis 50-95%
Volledige stoornis	b1140.4	ICF	2.16.840.1.113883.6.254	Stoornis 96-100%

«document»	OrientatieInPlaatsCodelijst			
Definitie				
Datatype				
Opties				

OrientatieInPlaatsCodelijst	OID: 2.16.840.1.113883.2.4.3.11.60.40.2.18.1.2			
Concept Name	**Concept Code**	**CodeSys. Name**	**CodeSystem OID**	**Description**
Geen stoornis	b1141.0	ICF	2.16.840.1.113883.6.254	Stoornis 0-4%
Lichte stoornis	b1141.1	ICF	2.16.840.1.113883.6.254	Stoornis 5-24%
Matige stoornis	b1141.2	ICF	2.16.840.1.113883.6.254	Stoornis 25-49%
Ernstige stoornis	b1141.3	ICF	2.16.840.1.113883.6.254	Stoornis 50-95%
Volledige stoornis	b1141.4	ICF	2.16.840.1.113883.6.254	Stoornis 96-100%

«document»	OrientatieInPersoonCodelijst			
Definitie				
Datatype				
Opties				

OrientatieInPersoonCodelijst	OID: 2.16.840.1.113883.2.4.3.11.60.40.2.18.1.3			
Concept Name	**Concept Code**	**CodeSys. Name**	**CodeSystem OID**	**Description**
Geen stoornis	b1142.0	ICF	2.16.840.1.113883.6.254	Stoornis 0-4%
Lichte stoornis	b1142.1	ICF	2.16.840.1.113883.6.254	Stoornis 5-24%
Matige stoornis	b1142.2	ICF	2.16.840.1.113883.6.254	Stoornis 25-49%
Ernstige stoornis	b1142.3	ICF	2.16.840.1.113883.6.254	Stoornis 50-95%

Volledige stoornis	b1142.4	ICF	2.16.840.1.113883.6.254	Stoornis 96-100%

«document»	IntellectueleFunctiesCodelijst			
Definitie				
Datatype				
Opties				

IntellectueleFunctiesCodelijst		OID: 2.16.840.1.113883.2.4.3.11.60.40.2.18.1.5		
Concept Name	**Concept Code**	**CodeSys. Name**	**CodeSystem OID**	**Description**
Geen stoornis	b117.0	ICF	2.16.840.1.113883.6.254	Stoornis 0-4%
Lichte stoornis	b117.1	ICF	2.16.840.1.113883.6.254	Stoornis 5-24%
Matige stoornis	b117.2	ICF	2.16.840.1.113883.6.254	Stoornis 25-49%
Ernstige stoornis	b117.3	ICF	2.16.840.1.113883.6.254	Stoornis 50-95%
Volledige stoornis	b117.4	ICF	2.16.840.1.113883.6.254	Stoornis 96-100%

1.8 Example Instances

AlgemeneMentaleFuncties	
Bewustzijn	Lichte stoornis (5-24%)
IntellectueleFuncties	Lichte stoornis (5-24%)
Orientatie	
OrientatieInTijd	Matige stoornis (25-49%)
OrientatieInPlaats	Ernstige stoornis (50-95%)
OrientatieInPersoon	Lichte stoornis (5-24%)
VerpleegkundigeActie	
Activiteit	Ondersteuning dagstructuur aan de hand van programma, lag op een eenpersoonskamer.
Toelichting	Patiënt is na operatie acuut verward geweest, gaat al wel beter, maar is soms nog weg kwijt. Heeft wel door dat hij soms in de war is en vindt dit erg vervelend.

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

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