

Health&Care Information Model: nl.zorg.FunctieHoren

Final

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1. nl.zorg.FunctieHoren-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	4-4-2014
DCM::DeprecatedDate	
DCM::DescriptionLanguage	nl
DCM::EndorsingAuthority.Address	
DCM::EndorsingAuthority.Name	PM
DCM::EndorsingAuthority.Telecom	
DCM::Id	2.16.840.1.113883.2.4.3.11.60.40.3.4.17
DCM::KeywordList	Horen, auditieve functies, gehoor
DCM::LifecycleStatus	Final
DCM::ModelerList	Werkgroep RadB Verpleegkundige Gegevens
DCM::Name	nl.zorg.FunctieHoren
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.FunctieHoren-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.

Hearing is the ability to observe sound, with the purpose of communicating with others, localizing the source of the sound and recognizing certain sounds. This pertains to observing the sound waves, and not processing the sounds in the brain.

A hearing disorder can lead to things including communication problems.

1.3 Mindmap

1.4 Purpose

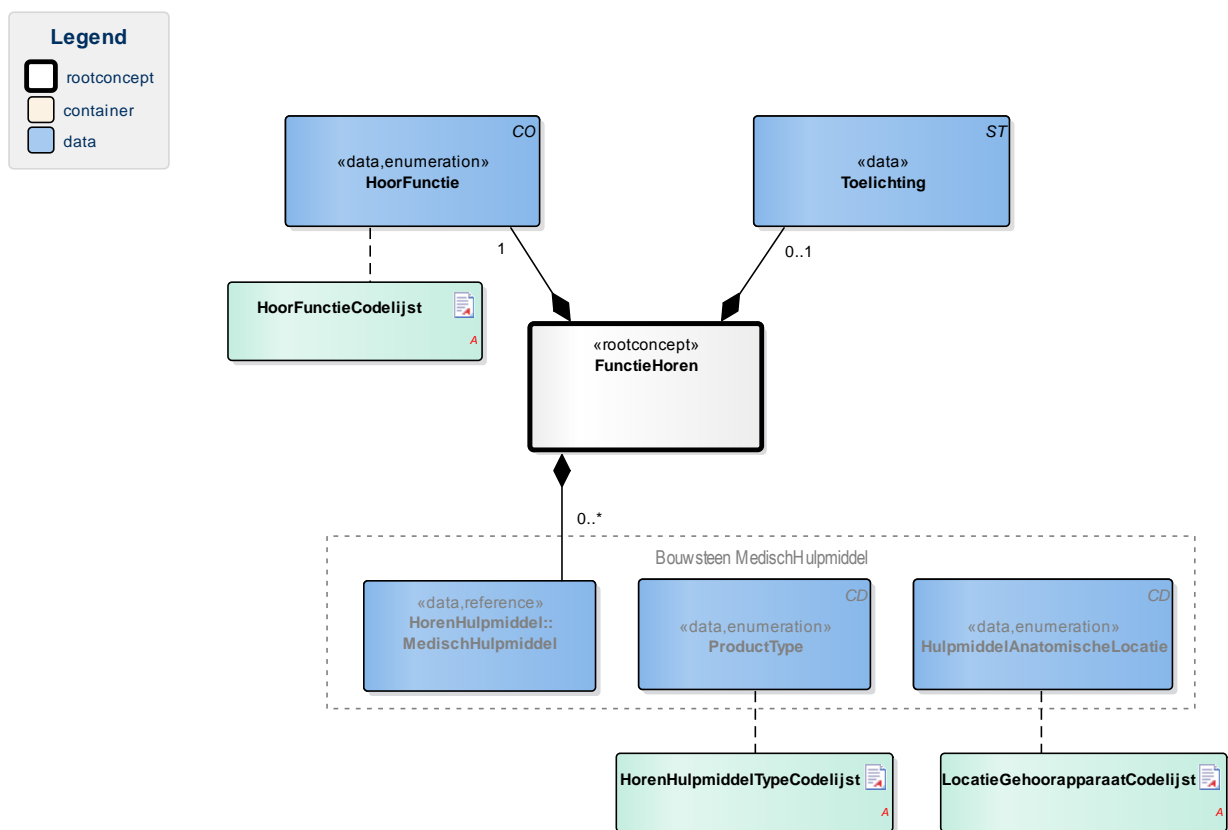
Information on hearing function disorders is important in patient nursing and care and particularly in communication with the patient.

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»	FuncieHoren
Alias	EN: HearingFunction
Definition	Root concept of the HearingFunction building block. This concept contains all data elements of the HearingFunction building block.
Datatype	
DCM::DefinitionCode	NL-CM:4.17.1
Options	

«data»	HoorFuncie
Alias	EN: HearingFunction
Definition	HearingFunction involves observing the presence of sounds and

	distinguishing between the location, pitch, volume and quality of sounds. This concept describes the presence of a disorder in this function and the extent of the disorder.	
Datatype	CO	
DCM::DefinitionCode	ICF: b230 Hoorfuncties	
DCM::DefinitionCode	NL-CM:4.17.3	
DCM::ExampleValue	Matige stoornis	
DCM::ValueSet	HoorFunctieCodelijst	OID: 2.16.840.1.113883.2.4.3.11.60.40.2.4.17.1
Options		

«data»	HorenHulpmiddel::MedischHulpmiddel	
Alias	EN: HearingAid::MedicalAid	
Definition	The medical aid used to help the patient hear.	
Datatype		
DCM::DefinitionCode	NL-CM:4.17.4	
DCM::DefinitionCode	SNOMED CT: 272182005 Aid to hearing	
DCM::ReferencedDefinitionCode	NL-CM:10.1.1	This is a reference to concept MedischHulpmiddel in information model MedischHulpmiddel.
Options		

«data»	ProductType	
Alias	EN: ProductType	
Definition	The type of product used to help the patient hear.	
Datatype	CD	
DCM::DefinitionCode	NL-CM:10.1.3	
DCM::ExampleValue	Gehoorapparaat	
DCM::ValueSet	HorenHulpmiddelTypeCodelijst	OID: 2.16.840.1.113883.2.4.3.11.60.40.2.4.17.2
Options		

«data»	HulpmiddelAnatomischeLocatie	
Alias	EN: AidAnatomicalLocation	
Definition	The anatomical location of the hearing aid, such as: 'left ear'.	
Datatype	CD	
DCM::DefinitionCode	NL-CM:10.1.6	
DCM::ExampleValue	Linkeroor	
DCM::ValueSet	LocatieGehoorapparaatCode lijst	OID: 2.16.840.1.113883.2.4.3.11.60.40.2.4.17.3
Options		

«data»	Toelichting	
Alias	EN: Explanation	
Definition	An explanation of the hearing function.	
Datatype	ST	
DCM::DefinitionCode	LOINC: 48767-8 Annotation comment	
DCM::DefinitionCode	NL-CM:4.17.2	

DCM::ExampleValue	Door duidelijk articuleren en langzaam te praten kan patiënt redelijk verstaan.	
Options		

«document»	LocatieGehooraapparaatCodelijst			
Alias				
Definition				
Datatype				
Options				
LocatieGehooraapparaatCodelijst		OID: 2.16.840.1.113883.2.4.3.11.60.40.2.4.17.3		
Concept Name	Concept Code	CodeSys. Name	CodeSystem OID	Description
Left ear (body structure)	89644007	SNOMED CT	2.16.840.1.113883.6.96	Linkeroor
Right ear (body structure)	25577004	SNOMED CT	2.16.840.1.113883.6.96	Rechtersoor
Both ears (body structure)	34338003	SNOMED CT	2.16.840.1.113883.6.96	Beide oren

«document»	HoorFunctieCodelijst			
Alias				
Definition				
Datatype				
Options				
HoorFunctieCodelijst		OID: 2.16.840.1.113883.2.4.3.11.60.40.2.4.17.1		
Concept Name	Concept Code	CodeSys. Name	CodeSystem OID	Description
Geen stoornis	b230.0	ICF	2.16.840.1.113883.6.254	Stoornis 0-4%
Lichte stoornis	b230.1	ICF	2.16.840.1.113883.6.254	Stoornis 5-24%
Matige stoornis	b230.2	ICF	2.16.840.1.113883.6.254	Stoornis 25-49%
Ernstige stoornis	b230.3	ICF	2.16.840.1.113883.6.254	Stoornis 50-95%
Volledige stoornis	b230.4	ICF	2.16.840.1.113883.6.254	Stoornis 96-100%

«document»	HorenHulpmiddelTypeCodelijst			
Alias				
Definition				
Datatype				
Options				
HorenHulpmiddelTypeCodelijst		OID: 2.16.840.1.113883.2.4.3.11.60.40.2.4.17.2		
Concept Name	Concept Code	CodeSys. Name	CodeSystem OID	Description
Geen	0	Hulpmiddelen gehoor	2.16.840.1.113883.2.4.3.11.22.211	Geen
Hearing aid	6012004	SNOMED CT	2.16.840.1.113883.6.96	Gehooraapparaat

1.8 Example Instances

FunctieHoren	
HoorFunctie	Matige stoornis (25-49%)
HorenHulpmiddel	
ProductType	Gehoorapparaat
HulpmiddelAnatomischeLocatie	Linkeroor
Toelichting	Door duidelijk articuleren en langzaam te praten kan patiënt redelijk verstaan.

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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