Health & Care Information Model:

nl.zorg.HeadCircumference-v1.3

Status: Final
Release: 2024
Release status: Published

Managed by:

Content

1. nl.zorg.HeadCircumference-v1.3

DCM::CoderList	Werkgroep RadB Verpleegkundige Gegevens
DCM::ContactInformation.Address	*
DCM::ContactInformation.Name	*
DCM::ContactInformation.Telecom	*
DCM::ContentAuthorList	Werkgroep RadB Verpleegkundige Gegevens
DCM::CreationDate	11-10-2016
DCM::DeprecatedDate	
DCM::DescriptionLanguage	nl
DCM::EndorsingAuthority.Address	
DCM::EndorsingAuthority.Name	
DCM::EndorsingAuthority.Telecom	
DCM::Id	2.16.840.1.113883.2.4.3.11.60.40.3.12.14
DCM::KeywordList	Schedelomvang, hoofdomtrek
DCM::LifecycleStatus	Final
DCM::ModelerList	Werkgroep RadB Verpleegkundige Gegevens
DCM::Name	nl.zorg.Schedelomvang
DCM::PublicationDate	23-04-2025
DCM::PublicationStatus	Published
DCM::ReviewerList	Projectgroep RadB Verpleegkundige Gegevens & Kerngroep Registratie aan de Bron
DCM::RevisionDate	16-07-2020
DCM::Supersedes	nl.zorg.Schedelomvang-v1.2
DCM::Version	1.3
HCIM::PublicationLanguage	EN

1.1 Revision History

Publicatieversie 1.0 (04-09-2017)

Publicatieversie 1.1 (31-12-2017)
Bevat: ZIB-646.

Publicatieversie 1.2 (31-01-2020)
Bevat: ZIB-928.

Publicatieversie 1.3 (01-09-2020)
Bevat: ZIB-858.

1.2 Concept

The head circumference is the size of the head as measured around the head.

1.3 Mindmap

1.4 Purpose

The head circumference can provide insight into the growth of a(n unborn) child. There may also be a smaller (microcephaly) or larger (macrocephaly) head circumference than average, which can indicate certain diseases or syndromes.
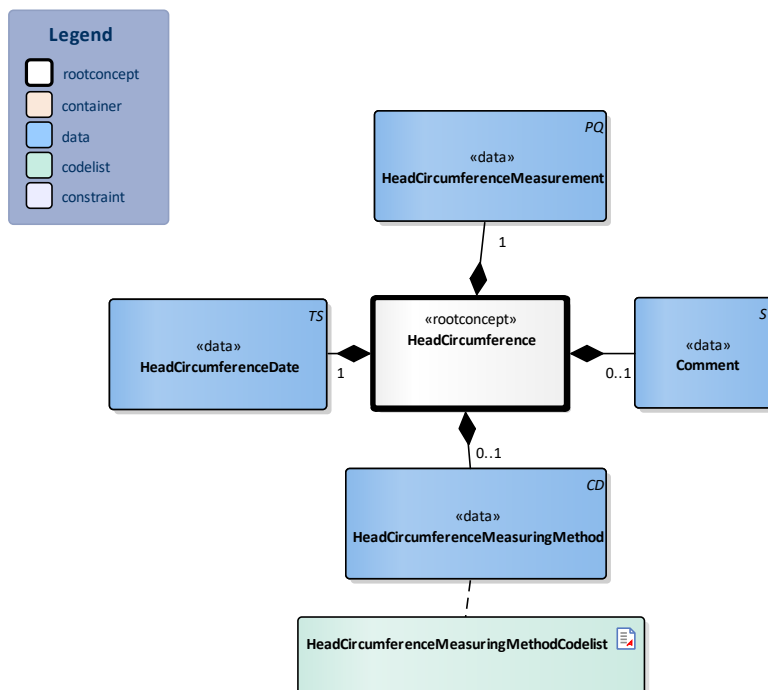
1.5 Patient Population

The HeadCircumference information model is meant for all patients, including unborn children.

1.6 Evidence Base

The definitions of the concepts were (partly) based on the guidelines Fetal Growth Retardation of the NVOG and PTEN Hamartoma Tumor Syndrome by the VKGN.

1.7 Information Model

«data»	Comment
Definitie	Comment on the head circumference.
Datatype	ST
DCM::ConceptId	NL-CM:12.14.4
DCM::DefinitionCode	LOINC: 48767-8 Annotation comment
Opties	

«rootconcept»	HeadCircumference
Definitie	Root concept of the HeadCircumference information model. This root concept contains all data elements of the HeadCircumference information model.
Datatype	
DCM::ConceptId	NL-CM:12.14.1
DCM::DefinitionCode	LOINC: 9843-4 Head Occipital-frontal circumference
Opties	

«data»	HeadCircumferenceDate
Definitie	The date on which the head circumference was measured.
Datatype	TS
DCM::ConceptId	NL-CM:12.14.2
DCM::ExampleValue	21-05-2015
Opties	

«data»	HeadCircumferenceMeasurement
Definitie	The value of the head circumference as measured in millimeters or centimeters.
Datatype	PQ
DCM::ConceptId	NL-CM:12.14.3
DCM::DefinitionCode	SNOMED CT: 363812007 Head circumference
DCM::ExampleValue	50cm
Opties	

«data»	HeadCircumferenceMeasuringMethod	
Definitie	There are different methods to measure the head circumference: prenatal measurement using ultrasound or postnatal measurement using a measuring tape by measuring from the backside of the head (occiput) to above the eyes (supraorbital).	
Datatype	CD	
DCM::ConceptId	NL-CM:12.14.5	
DCM::DefinitionCode	SNOMED CT: 56792006 Measurement of skull circumference	
DCM::ValueSet	HeadCircumferenceMeasuringMethodCodelist	OID: 2.16.840.1.113883.2.4.3.11.60.40.2.12.14.1
Opties		

«document»	HeadCircumferenceMeasuringMethodCodelist	
Definitie		
Datatype		
DCM::ValueSetBinding	Extensible	
DCM::ValueSetId	2.16.840.1.113883.2.4.3.11.60.40.2.12.14.1	
DCM::ValueSetInclude OTH	True	
DCM::ValueSetStatus	Active	
HCIM::ValueSetLanguage	--	
Opties		

SchedelomvangMeetmethodeCodelijst		OID: 2.16.840.1.113883.2.4.3.11.60.40.2.12.14.1		
Concept Name	Concept Code	CodeSys. Name	CodeSystem OID	Description
Measurement of skull circumference with measuring tape	31551000146109	SNOMED CT	2.16.840.1.113883.6.96	Meten van schedelomvang m.b.v. meetlint
Ultrasound measurement of skull circumference	31561000146107	SNOMED CT	2.16.840.1.113883.6.96	Meten van schedelomvang m.b.v. echografisch onderzoek

	Legend
Definitie	
Datatype	
Opties	

1.8 Example Instances

Schedelomvang	
SchedelomvangWaarde	41 cm
SchedelomvangDatumTijd	19-12-2016
Toelichting	Gemeten bij 3 maanden

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

1.16 Functional Model

1.17 Traceability to other Standards

This health and care information model is in accordance with the information model template Measurement v1.0.

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