

# Health & Care Information Model:

nl.zorg.VisualFunction-v4.0

Status: Final

Release: 2026-1

Release status: Prepublished

Managed by:



# Content

<b>1. nl.zorg.VisualFunction-v4.0</b>	<b>3</b>
1.1 Revision History	3
1.2 Concept	3
1.3 Mindmap	4
1.4 Purpose	4
1.5 Patient Population	4
1.6 Evidence Base	4
1.7 Information Model	4
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	7
1.17 Traceability to other Standards	8
1.18 Disclaimer	8
1.19 Terms of Use	8
1.20 Copyrights	8

# 1. nl.zorg.VisualFunction-v4.0

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	2.16.840.1.113883.2.4.3.11.60.40.3.4.16
DCM::KeywordList	Zien, lagere visuele functies, gezichtsvermogen
DCM::LifecycleStatus	Final
DCM::ModelerList	Werkgroep RadB Verpleegkundige Gegevens
DCM::Name	nl.zorg.FunctieZien
DCM::PublicationDate	17-04-2026
DCM::PublicationStatus	Prepublished
DCM::ReviewerList	Projectgroep RadB Verpleegkundige Gegevens & Kerngroep Registratie aan de Bron
DCM::RevisionDate	10-04-2025
DCM::Supersedes	nl.zorg.FunctieZien-v3.4
DCM::Version	4.0
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.

Publicatieversie 3.2 (29-01-2020)

Bevat: ZIB-767.

Publicatieversie 3.3 (01-12-2021)

Bevat: ZIB-1560.

Publicatieversie 3.4 (15-10-2023)

Bevat: ZIB-1709, ZIB-1974.

Publicatieversie 4.0 (24-04-2024)

Bevat: ZIB-2459, ZIB-2735. ZIB-2746.

## 1.2 Concept

Sight is the ability to observe lit objects, with the goal of orienting yourself on objects and people in a lit environment. This pertains to observing the light stimuli, and not processing them in the brain.

A sight disorder can lead to things including orientation problems.

## 1.3 Mindmap

## 1.4 Purpose

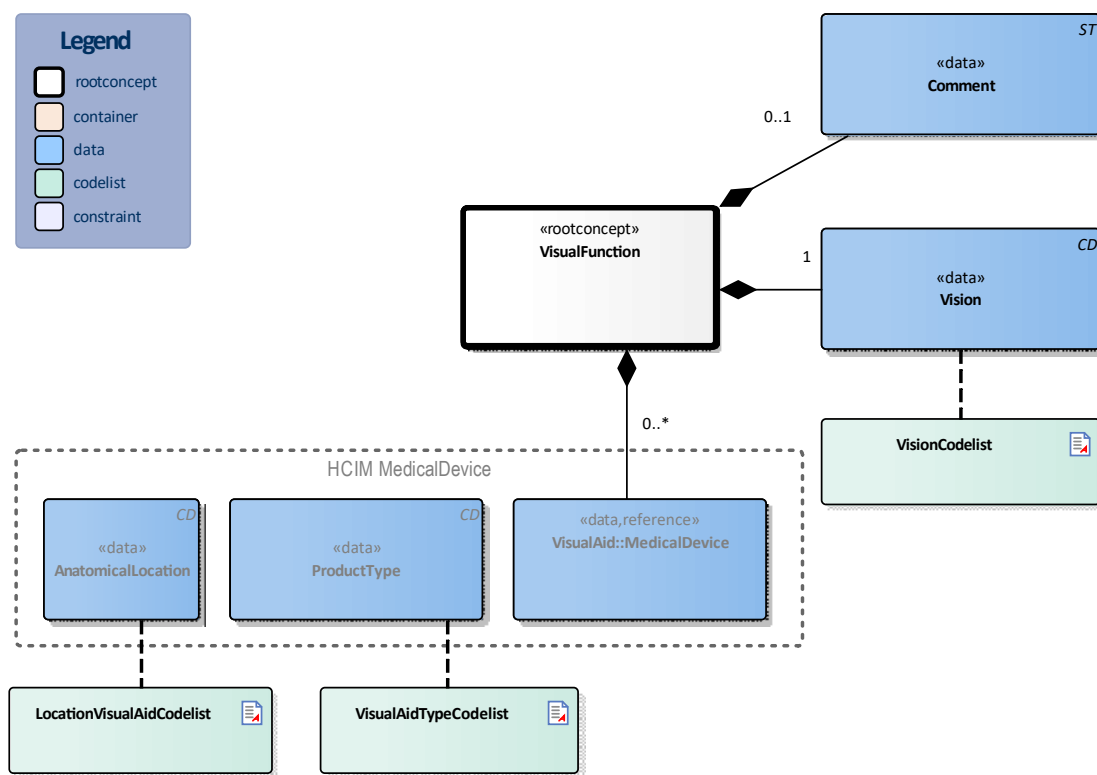
Information on visual function disorders is important in patient care and treatment and particularly in the communication with the patient. Based on this information, healthcare can be adjusted to the patient's limitations if needed.

## 1.5 Patient Population

## 1.6 Evidence Base

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

## 1.7 Information Model



«rootconcept»	VisualFunction	
Definitie	Root concept of the VisualFunction information model. This concept contains all data elements of the VisualFunction information model.	
Datatype		
DCM::ConceptId	NL-CM:4.16.1	
Opties		

«data»	Vision	
Definitie	The ability to see as a result of response to stimuli of visual organs.	
Datatype	CD	

DCM::ConceptId	NL-CM:4.16.3	
DCM::DefinitionCode	SNOMED CT: 281004000 Visual function	
DCM::ExampleValue	Geen visuele stoornis	
DCM::ValueSet	VisionCodelist	OID: 2.16.840.1.113883.2.4.3.11.60.40.2.4.16.1
Opties		

«data»	VisualAid::MedicalDevice	
Definitie	The medical aids used to support the visual function.	
Datatype		
DCM::ConceptId	NL-CM:4.16.4	
DCM::DefinitionCode	SNOMED CT: 257192006 Aid to vision	
DCM::ReferencedConceptId	NL-CM:10.1.1	This is a reference to the rootconcept of information model MedicalDevice.
Opties		

«data»	ProductType	
Definitie	The type of product used to help the patient see.	
Datatype	CD	
DCM::ConceptId	NL-CM:10.1.3	
DCM::ExampleValue	Leesbril	
DCM::ValueSet	VisualAidTypeCodelist	OID: 2.16.840.1.113883.2.4.3.11.60.40.2.4.16.2
Opties		

«data»	AnatomicalLocation	
Definitie	The anatomical location of the Visual Aid.	
Datatype	CD	
DCM::ConceptId	NL-CM:10.1.15	
DCM::ValueSet	LocationVisualAidCodelist	OID: 2.16.840.1.113883.2.4.3.11.60.40.2.4.16.3
Opties		

«data»	Comment	
Definitie	A comment on the visual function.	
Datatype	ST	
DCM::ConceptId	NL-CM:4.16.2	
DCM::DefinitionCode	LOINC: 48767-8 Annotation comment	
DCM::ExampleValue	Ziet met linkeroog slechter dan met het rechteroog.	
Opties		

«document»	VisionCodelist	
Definitie		
Datatype		
DCM::ValueSetBinding	Required	
DCM::ValueSetId	2.16.840.1.113883.2.4.3.11.60.40.2.4.16.1	
DCM::ValueSetIncludeOTH	False	
DCM::ValueSetStatus	Active	

HCIM::ValueSetLanguage	--		
Opties			
VisueleFunctieCodelijst		OID: 2.16.840.1.113883.2.4.3.11.60.40.2.4.16.1	
Concept Name	Concept Code	Coding Syst. Name	Description
Normal vision	45089002	SNOMED CT	Geen visuele stoornis
Visual impairment	397540003	SNOMED CT	Verminderd gezichtsvermogen
Blind or low vision - both eyes [DEPRECATED]	267727004	SNOMED CT	(Vrijwel) blind [DEPRECATED]
Blindness - both eyes	193699007	SNOMED CT	Blind

«document»	VisualAidTypeCodelist	
Definitie		
Datatype		
DCM::ValueSetBinding	Extensible	
DCM::ValueSetId	2.16.840.1.113883.2.4.3.11.60.40.2.4.16.2	
DCM::ValueSetIncludeOTH	True	
DCM::ValueSetStatus	Active	
HCIM::ValueSetLanguage	NL	
Opties		

ZienHulpmiddelTypeCodelijst		OID: 2.16.840.1.113883.2.4.3.11.60.40.2.4.16.2		
Concept Name	Concept Code	Coding Syst. Name	Coding System OID	Description
geen	0	eCare codes	2.16.840.1.113883.2.4.3.11.22.218	geen visuele hulpmiddelen
single vision reading glasses	423013001	SNOMED CT	2.16.840.1.113883.6.96	leesbril
eye glasses	50121007	SNOMED CT	2.16.840.1.113883.6.96	bril
contact lenses	57368009	SNOMED CT	2.16.840.1.113883.6.96	contactlenzen
magnifier	264865009	SNOMED CT	2.16.840.1.113883.6.96	loep

«document»	LocationVisualAidCodelist	
Definitie		
Datatype		
DCM::ValueSetBinding	Required	
DCM::ValueSetId	2.16.840.1.113883.2.4.3.11.60.40.2.4.16.3	
DCM::ValueSetIncludeOTH	False	
DCM::ValueSetStatus	Active	
HCIM::ValueSetLanguage	--	
Opties		

LocatieZienHulpmiddelCodelijst		OID: 2.16.840.1.113883.2.4.3.11.60.40.2.4.16.3		
Concept Name	Concept Code	Coding Syst. Name	Coding System OID	Description
Left eye structure [DEPRECATED]	8966001	SNOMED CT	2.16.840.1.113883.6.96	Structuur van linker oog
Structure of left eye	726675003	SNOMED CT	2.16.840.1.113883.6.96	Structuur van linker oog

region				
Right eye structure [DEPRECATED]	18944008	SNOMED CT	2.16.840.1.113883.6.96	Structuur van rechter oog
Structure of right eye region	726680007	SNOMED CT	2.16.840.1.113883.6.96	Structuur van rechter oog
Structure of both eyes	40638003	SNOMED CT	2.16.840.1.113883.6.96	Structuur van beide ogen

	Legend
Definitie	
Datatype	
Opties	

## 1.8 Example Instances

FunctieZien	
VisueleFunctie	Verminderd gezichtsvermogen
ZienHulpmiddel	
ProductType	Leesbril
Toelichting	Ziet met linkeroog slechter dan met het rechteroog.

## 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

The Health and Care Information Models (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 data in these Health and Care Information Models. Omissions and inaccuracies may however occur. The collaborating parties are not liable for any damages resulting from omissions or inaccuracies in the information provided, nor are they liable for damages resulting from problems caused by or inherent to distributing information on the internet, such as malfunctions, interruptions, errors or delays in information or services provide by the parties to you or by you to the parties via a website or via e-mail, or any other digital means. The collaborating parties will also not accept liability for any damages resulting from the use of data, advice or ideas provided by or on behalf of the parties by means of the Health and Care Information Models. The parties will not accept any liability for the content of information in this Health and Care Information Model to which or from which a hyperlink is referred. In the event of contradictions in mentioned Health and Care Information Model documents and files, the most recent and highest version of the listed order in the revisions will indicate the priority of the documents in question. If information included in the digital version of a Health and Care Information Model is also distributed in writing, the written version will be leading in case of textual differences. This will apply if both have the same version number and date. A definitive version has priority over a draft version. A revised version has priority over previous versions.

## 1.19 Terms of Use

The user may use the Health and Care Information Models without limitations. The copyright provisions in the paragraph concerned apply to copying, distributing and passing on the Health and Care Information Models.

## 1.20 Copyrights

A Health and Care Information Model qualifies as a work within the meaning of Section 10 of the Copyright Act (Auteurswet). Copyrights protect the Health and Care Information Models and these rights are owned by the cooperating parties.

The user may copy, distribute and pass on the information in this Health and Care Information Model under the conditions that apply for Creative Commons license Attribution-NonCommercial-ShareAlike 3.0 Netherlands (CC BY-NC-SA-3.0).

The content is available under Creative Commons Attribution-NonCommercial-ShareAlike 3.0 (see also <http://creativecommons.org/licenses/by-nc-sa/3.0/nl/>)

This does not apply to information from third parties that sometimes is used and / or referred to in a Health and Care Information Model, for example to an international medical terminology system. Any (copyright) rights that protect this information are not owned by the cooperating parties but by those third parties.



Nictiz is the independent national competence centre for electronic exchange of health and care information. The activities of Nictiz include the targeted development and management of information standards at the request of and in partnership with the stakeholders in healthcare. Nictiz advises these parties on all aspects of information exchange and identifies (future) national and international developments.

**Nictiz**

P.O. Box 19121  
2500 CC Den Haag  
Oude Middenweg 55  
2491 AC Den Haag

070-3173450  
[info@nictiz.nl](mailto:info@nictiz.nl)  
[www.nictiz.nl](http://www.nictiz.nl)



