

# Health & Care Information Model:

nl.zorg.LanguageProficiency-v4.0

Status: Final

Release: 2024

Release status: Prepublished

Managed by:



# Content

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# 1. nl.zorg.LanguageProficiency-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	2-4-2014
DCM::DeprecatedDate	
DCM::DescriptionLanguage	nl
DCM::EndorsingAuthority.Address	
DCM::EndorsingAuthority.Name	PM
DCM::EndorsingAuthority.Telecom	
DCM::Id	2.16.840.1.113883.2.4.3.11.60.40.3.7.12
DCM::KeywordList	Taalvaardigheid, communicatietaal, taalbeheersing
DCM::LifecycleStatus	Final
DCM::ModelerList	Werkgroep RadB Verpleegkundige Gegevens
DCM::Name	nl.zorg.Taalvaardigheid
DCM::PublicationDate	15-04-2024
DCM::PublicationStatus	Prepublished
DCM::ReviewerList	Projectgroep RadB Verpleegkundige Gegevens & Kerngroep Registratie aan de Bron
DCM::RevisionDate	4-4-2024
DCM::Supersedes	nl.zorg.Taalvaardigheid-v3.2
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-538, ZIB-549.

Publicatieversie 3.2 (01-09-2020)

Bevat: ZIB-983, ZIB-1192.

Publicatieversie 4.0 (15-04-2024)

Bevat: ZIB-1877.

## 1.2 Concept

Linguistic proficiency is the ability to express oneself in a certain language and understand statements made in that language. This includes both oral and written communication.

## 1.3 Mindmap

## 1.4 Purpose

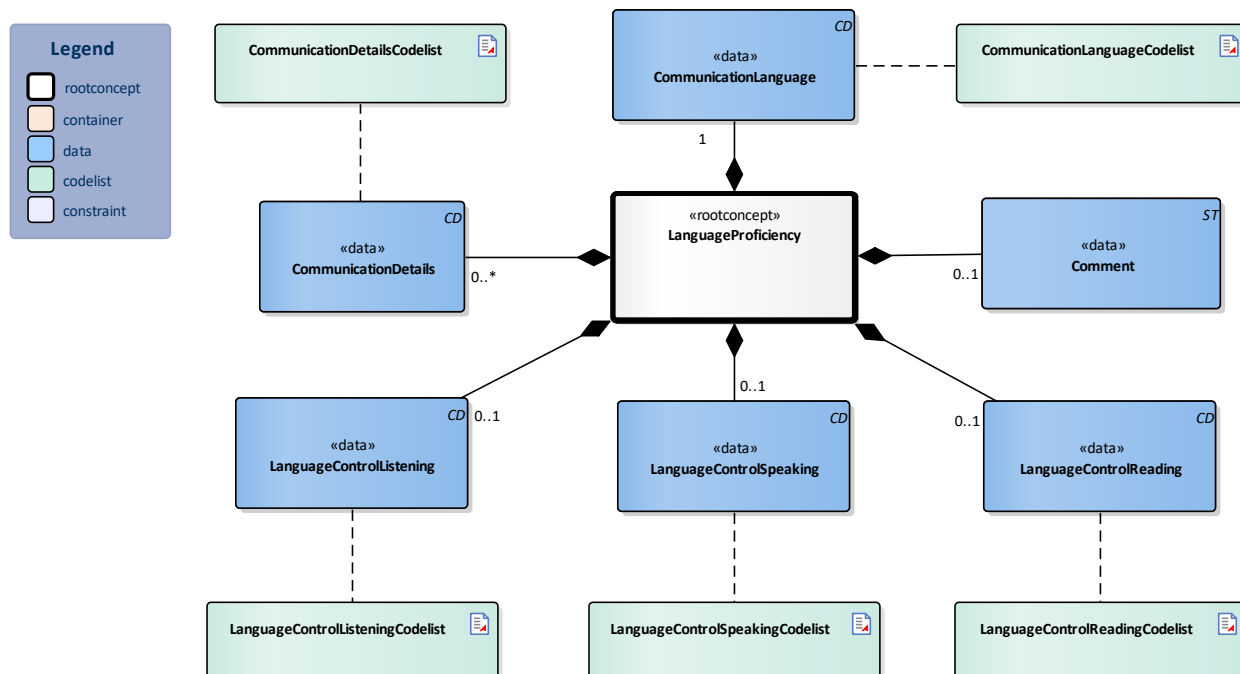
Patients who are not fluent in the language of communication often have trouble asking for help and understanding the aids. Recording and communicating language problems offers other health professionals this knowledge. This informs them of any possible communication problems.

Furthermore, you can record whether the patient is fluent in another language, so that a translator can be called in to communicate with the patient if needed.

## 1.5 Patient Population

## 1.6 Evidence Base

## 1.7 Information Model



«rootconcept»	LanguageProficiency	
Definitie	Root concept of the LanguageProficiency information model. This concept contains all data elements of the LanguageProficiency information model.	
Datatype		
DCM::ConceptId	NL-CM:7.12.1	
DCM::DefinitionCode	SNOMED CT: 284530008	Communication, speech and language finding
Opties		

«data»	CommunicationLanguage	
Definitie	The language of communication.	
Datatype	CD	
DCM::ConceptId	NL-CM:7.12.3	
DCM::DefinitionCode	SNOMED CT: 161139007	Language spoken
DCM::ValueSet	CommunicationLanguageCodelist	OID: 2.16.840.1.113883.2.4.3.11.60.40.2.7.12.2
Opties		

«data»	LanguageControlListening	
Definitie	The ability to understand spoken text in the language in question.	

<b>Datatype</b>	CD	
<b>DCM::ConceptId</b>	NL-CM:7.12.6	
<b>DCM::DefinitionCode</b>	SNOMED CT: 46977006 Language comprehension	
<b>DCM::ExampleValue</b>	Redelijk	
<b>DCM::ValueSet</b>	LanguageControlListeningCo delist	OID: 2.16.840.1.113883.2.4.3.11.60.40.2.7.12.3
<b>Opties</b>		

<b>«data»</b>	<b>LanguageControlSpeaking</b>	
<b>Definitie</b>	The ability to express oneself in spoken language.	
<b>Datatype</b>	CD	
<b>DCM::ConceptId</b>	NL-CM:7.12.7	
<b>DCM::DefinitionCode</b>	SNOMED CT: 286367001 Ability to speak	
<b>DCM::ValueSet</b>	LanguageControlSpeakingCo delist	OID: 2.16.840.1.113883.2.4.3.11.60.40.2.7.12.5
<b>Opties</b>		

<b>«data»</b>	<b>LanguageControlReading</b>	
<b>Definitie</b>	The ability to understand written text in the language in question.	
<b>Datatype</b>	CD	
<b>DCM::ConceptId</b>	NL-CM:7.12.8	
<b>DCM::DefinitionCode</b>	SNOMED CT: 309250007 Ability to read	
<b>DCM::ValueSet</b>	LanguageControlReadingCod elist	OID: 2.16.840.1.113883.2.4.3.11.60.40.2.7.12.4
<b>Opties</b>		

<b>«data»</b>	<b>CommunicationDetails</b>	
<b>Definitie</b>	Additional ways or tools that the person uses to communicate, such as braille, sign language, etc.	
<b>Datatype</b>	CD	
<b>DCM::ConceptId</b>	NL-CM:7.12.9	
<b>DCM::DefinitionCode</b>	SNOMED CT: 363912006 Communication speech and language observable	
<b>DCM::ValueSet</b>	CommunicationDetailsCodeli st	OID: 2.16.840.1.113883.2.4.3.11.60.40.2.7.12.6
<b>Opties</b>		

<b>«data»</b>	<b>Comment</b>	
<b>Definitie</b>	A comment on the linguistic proficiency. When using sign language, this field can be used to clarify, for example, which sign language is used. This can be informative, as there is not always a one-to-one relationship between the spoken language and sign language.	
<b>Datatype</b>	ST	
<b>DCM::ConceptId</b>	NL-CM:7.12.5	
<b>DCM::DefinitionCode</b>	LOINC: 48767-8 Annotation comment	
<b>Opties</b>		

<b>«document»</b>	<b>CommunicationDetailsCodelist</b>	
<b>Definitie</b>		
<b>Datatype</b>		

<b>DCM::ValueSetBinding</b>	Extensible			
<b>DCM::ValueSetId</b>	2.16.840.1.113883.2.4.3.11.6 0.40.2.7.12.6			
<b>HCIM::ValueSetLanguage</b>	--			
<b>Opties</b>				
<b>CommunicatieBijzonderhedenCodelijst</b>			<b>OID: 2.16.840.1.113883.2.4.3.11.60.40.2.7.12.6</b>	
<b>Concept Name</b>	<b>Concept Code</b>	<b>Coding System Name</b>	<b>Coding System OID</b>	<b>Description</b>
Sign language	442389001	SNOMED CT	2.16.840.1.113883.6.96	Gebruikt gebarentaal
Braille language	445510001	SNOMED CT	2.16.840.1.113883.6.96	Gebruikt Brailleschrift

<b>«document»</b>	<b>CommunicationLanguageCodelist</b>			
<b>Definitie</b>				
<b>Datatype</b>				
<b>DCM::ValueSetBinding</b>	Required			
<b>DCM::ValueSetId</b>	2.16.840.1.113883.2.4.3.11.6 0.40.2.7.12.2			
<b>HCIM::ValueSetLanguage</b>	--			
<b>Opties</b>				
<b>CommunicatieTaalCodelijst</b>			<b>OID: 2.16.840.1.113883.2.4.3.11.60.40.2.7.12.2</b>	
<b>Codes</b>	<b>Coding Syst. Name</b>	<b>Coding System OID</b>		
Alle waarden	ISO-639-2 alpha	1.0.639.1		

<b>«document»</b>	<b>LanguageControlListeningCodelist</b>			
<b>Definitie</b>				
<b>Datatype</b>				
<b>DCM::ValueSetBinding</b>	Required			
<b>DCM::ValueSetId</b>	2.16.840.1.113883.2.4.3.11.6 0.40.2.7.12.3			
<b>HCIM::ValueSetLanguage</b>	--			
<b>Opties</b>				
<b>TaalvaardigheidBegrijpenCodelijst</b>			<b>OID: 2.16.840.1.113883.2.4.3.11.60.40.2.7.12.3</b>	
<b>Concept Name</b>	<b>Concept Code</b>	<b>Coding Syst. Name</b>	<b>Coding System OID</b>	<b>Description</b>
Excellent	E	LanguageAbilityProficiency	2.16.840.1.113883.5.61	Uitstekend [DEPRECATED]
Good	G	LanguageAbilityProficiency	2.16.840.1.113883.5.61	Goed [DEPRECATED]
Fair	F	LanguageAbilityProficiency	2.16.840.1.113883.5.61	Redelijk [DEPRECATED]
Poor	P	LanguageAbilityProficiency	2.16.840.1.113883.5.61	Slecht [DEPRECATED]
Moeiteloos	MLOOS	TaalvaardigheidCodes	2.16.840.1.113883.2.4.3. 11.60.40.4.30.1	Moeiteloos
Met moeite	MOEITE	TaalvaardigheidCodes	2.16.840.1.113883.2.4.3. 11.60.40.4.30.1	Met moeite
Geen beheersing	GEEN	TaalvaardigheidCodes	2.16.840.1.113883.2.4.3. 11.60.40.4.30.1	Geen beheersing

«document»		LanguageControlSpeakingCodelist		
Definitie				
Datatype				
DCM::ValueSetBinding	Required			
DCM::ValueSetId	2.16.840.1.113883.2.4.3.11.6 0.40.2.7.12.5			
HCIM::ValueSetLanguage	--			
Opties				
TaalvaardigheidSpokenCodelijst		OID: 2.16.840.1.113883.2.4.3.11.60.40.2.7.12.5		
Concept Name	Concept Code	Coding Syst. Name	Coding System OID	Description
Excellent	E	LanguageAbilityProficiency	2.16.840.1.113883.5.61	Uitstekend [DEPRECATED]
Good	G	LanguageAbilityProficiency	2.16.840.1.113883.5.61	Goed [DEPRECATED]
Fair	F	LanguageAbilityProficiency	2.16.840.1.113883.5.61	Redelijk [DEPRECATED]
Poor	P	LanguageAbilityProficiency	2.16.840.1.113883.5.61	Slecht [DEPRECATED]
Moeiteloos	MLOOS	TaalvaardigheidCodes	2.16.840.1.113883.2.4.3. 11.60.40.4.30.1	Moeiteloos
Met moeite	MOEITE	TaalvaardigheidCodes	2.16.840.1.113883.2.4.3. 11.60.40.4.30.1	Met moeite
Geen beheersing	GEEN	TaalvaardigheidCodes	2.16.840.1.113883.2.4.3. 11.60.40.4.30.1	Geen beheersing

«document»		LanguageControlReadingCodelist		
Definitie				
Datatype				
DCM::ValueSetBinding	Required			
DCM::ValueSetId	2.16.840.1.113883.2.4.3.11.6 0.40.2.7.12.4			
HCIM::ValueSetLanguage	--			
Opties				
TaalvaardigheidLezenCodelijst		OID: 2.16.840.1.113883.2.4.3.11.60.40.2.7.12.4		
Concept Name	Concept Code	Coding Syst. Name	Coding System OID	Description
Excellent	E	LanguageAbilityProficiency	2.16.840.1.113883.5.61	Uitstekend [DEPRECATED]
Good	G	LanguageAbilityProficiency	2.16.840.1.113883.5.61	Goed [DEPRECATED]
Fair	F	LanguageAbilityProficiency	2.16.840.1.113883.5.61	Redelijk [DEPRECATED]
Poor	P	LanguageAbilityProficiency	2.16.840.1.113883.5.61	Slecht [DEPRECATED]
Moeiteloos	MLOOS	TaalvaardigheidCodes	2.16.840.1.113883.2.4.3. 11.60.40.4.30.1	Moeiteloos
Met moeite	MOEITE	TaalvaardigheidCodes	2.16.840.1.113883.2.4.3. 11.60.40.4.30.1	Met moeite
Geen beheersing	GEEN	TaalvaardigheidCodes	2.16.840.1.113883.2.4.3. 11.60.40.4.30.1	Geen beheersing

Legend

<b>Definitie</b>	
<b>Datatype</b>	
<b>Opties</b>	

## 1.8 Example Instances

Taalvaardigheid	
CommunicatieTaal	Nederlands
TaalvaardigheidBegrijpen	Moeiteloos
TaalvaardigheidSpreken	Met Moeite
TaalvaardigheidLezen	Geen Beheersing
Toelichting	Bij gesprek met arts zoon uitnodigen voor vertalen

## 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

### 1.18 Disclaimer

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