Health & Care Information Model:

nl.zorg.NursingDiagnosis-v1.0

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Content

1. nl.zorg.NursingDiagnosis-v1.0

DCM::CoderList	*
DCM::ContactInformation.Address	*
DCM::ContactInformation.Name	*
DCM::ContactInformation.Telecom	*
DCM::ContentAuthorList	*
DCM::CreationDate	28-8-2024
DCM::DeprecatedDate	
DCM::DescriptionLanguage	nl
DCM::EndorsingAuthority.Address	
DCM::EndorsingAuthority.Name	PM
DCM::EndorsingAuthority.Telecom	
DCM::Id	2.16.840.1.113883.2.4.3.11.60.40.3.5.8
DCM::KeywordList	
DCM::LifecycleStatus	Final
DCM::ModelerList	*
DCM::Name	nl.zorg.VerpleegkundigeDiagnose
DCM::PublicationDate	23-04-2025
DCM::PublicationStatus	Published
DCM::ReviewerList	*
DCM::RevisionDate	
DCM::Supersedes	
DCM::Version	1.0
HCIM::PublicationLanguage	EN

1.1 Revision History

Publicatieversie 1.0 (23-04-2025)
Bevat: ZIB-2179, ZIB-2654.

1.2 Concept

A nursing diagnosis gives a label (a term) to a specific physical, mental, social or functional health condition of a client. A nursing diagnosis gives rise to formulate a care plan or, in other words, nursing action is required. The nursing diagnosis is therefore described from the nursing perspective. This means that nurses and caregivers have an influence on improving or reducing the client problem. Synonyms for nursing diagnosis are client problem and nursing problem.

1.3 Mindmap

1.4 Purpose

The nursing diagnosis forms the basis for nursing actions and interventions and is the reason for formulating a care plan.

1.5 Patient Population

1.6 Evidence Base

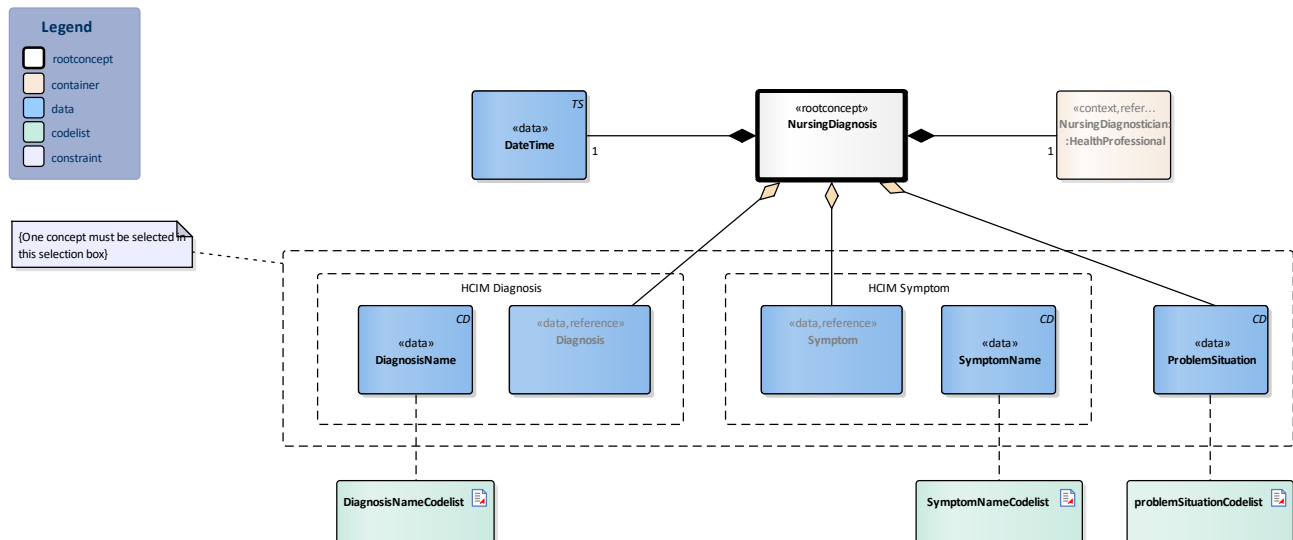Nursing diagnoses identify a broad spectrum of patient problems. Some of these have the character of a diagnosis - interpretation of diagnostic data -, and some describe observations that can be seen as symptoms of a condition. In addition, some nursing diagnoses describe social problem situations that negatively affect the patient's condition. Because nursing diagnoses describe concepts that are partly

already modeled in other HCIM's, references to the relevant HCIM's, namely Diagnosis and Symptom, were chosen for the modelling of the nursing diagnosis. In addition, a separate section was created for the social problems.

The advantage of this modelling is that the health professional who determined a nursing diagnosis that has the character of a diagnosis, gains access to all aspects that are specific to a diagnosis, by referring to the HCIM Diagnosis. For nursing diagnoses that indicate a symptom, the same advantage applies, but then by referring to the HCIM Symptom.

1.7   Information Model

«rootconcept»	NursingDiagnosis	
Definitie	Root concept of the NursingDiagnosis information model.This root concept contains all data elements of the NursingDiagnosis information model.	
Datatype		
DCM::ConceptId	NL-CM:5.8.1	
Opties		

«data»	Diagnosis	
Definitie	The diagnosis that is labeled as nursing diagnosis.	
Datatype		
DCM::ConceptId	NL-CM:5.8.4	
DCM::ReferencedConceptId	NL-CM:5.6.1	This is a reference to the rootconcept of information model Diagnosis.
Opties		

«data»	DiagnosisName	
Definitie	Name and associated code of the diagnosis. For the nursing diagnoses, a choice can be made from the list of nursing problems of the diagnosis type.	
Datatype	CD	
DCM::ConceptId	NL-CM:5.8.5	
DCM::ValueSet	DiagnosisNameCodelist	OID: 2.16.840.1.113883.2.4.3.11.60.40.2.5.8.1
Opties		

«data»	Symptom
Definitie	The symptom that is labeled as a nursing diagnosis.
Datatype	

DCM::ConceptId	NL-CM:5.8.6	
DCM::ReferencedConceptId	NL-CM:5.5.1	This is a reference to the rootconcept of information model Symptom.
Opties		

«data»	SymptomName	
Definitie	Name and associated code of the symptom. Nursing diagnoses can be selected from the list of nursing problems of the symptom type.	
Datatype	CD	
DCM::ConceptId	NL-CM:5.8.7	
DCM::ValueSet	SymptomNameCodelist	OID: 2.16.840.1.113883.2.4.3.11.60.40.2.5.8.2
Opties		

«data»	ProblemSituation	
Definitie	The social problem situation that is labeled as a nursing diagnosis. Chosen from the list of nursing problems of the problem situation type.	
Datatype	CD	
DCM::ConceptId	NL-CM:5.8.2	
DCM::ValueSet	problemSituationCodelist	OID: 2.16.840.1.113883.2.4.3.11.60.40.2.5.8.3
Opties		

«context»	NursingDiagnostician::HealthProfessional	
Definitie	Nurse who has determined the nursing diagnosis.	
Datatype		
DCM::ConceptId	NL-CM:5.8.3	
DCM::ReferencedConceptId	NL-CM:17.1.1	This is a reference to the rootconcept of information model HealthProfessional.
Opties		

«data»	DateTime	
Definitie	Date and time, if applicable, at which the health professional has determined the nursing diagnosis.	
Datatype	TS	
DCM::ConceptId	NL-CM:5.8.8	
Opties		

«document»	DiagnosisNameCodelist		
Definitie	In the future, the content of the value list will be narrowed down to a more diagnostic-oriented list.		
Datatype			
DCM::ValueSetBinding	Extensible		
DCM::ValueSetId	2.16.840.1.113883.2.4.3.11.60.40.2.5.8.1		
DCM::ValueSetIncludeOTH	True		
DCM::ValueSetStatus	Active		
HCIM::ValueSetLanguage	--		
Opties			
DiagnoseNaamCodelijst		**OID: 2.16.840.1.113883.2.4.3.11.60.40.2.5.8.1**	
Codes		Coding Syst. Name	Coding System OID
SNOMED CT: <404684003 | Clinical finding |		SNOMED CT	2.16.840.1.113883.6.96

«document»	problemSituationCodelist		
Definitie	In the future, the content of the value list will be narrowed down to a more probem situation oriented list.		
Datatype			
DCM::ValueSetBinding	Extensible		
DCM::ValueSetId	2.16.840.1.113883.2.4.3.11.60.40.2.5.8.3		
DCM::ValueSetInclude OTH	True		
DCM::ValueSetStatus	Active		
HCIM::ValueSetLanguage	--		
Opties			
ProbleemSituatieCodelijst		**OID: 2.16.840.1.113883.2.4.3.11.60.40.2.5.8.3**	
Codes		**Coding Syst. Name**	**Coding System OID**
SNOMED CT: <404684003 | Clinical finding |		SNOMED CT	2.16.840.1.113883.6.96

«document»	SymptomNameCodelist		
Definitie	In the future, the content of the value list will be narrowed down to a more symptom-oriented list.		
Datatype			
DCM::ValueSetBinding	Extensible		
DCM::ValueSetId	2.16.840.1.113883.2.4.3.11.60.40.2.5.8.2		
DCM::ValueSetInclude OTH	True		
DCM::ValueSetStatus	Active		
HCIM::ValueSetLanguage	--		
Opties			
SymptoomNaamCodelijst		**OID: 2.16.840.1.113883.2.4.3.11.60.40.2.5.8.2**	
Codes		**Coding Syst. Name**	**Coding System OID**
SNOMED CT: <404684003 | Clinical finding |		SNOMED CT	2.16.840.1.113883.6.96

	Legend
Definitie	
Datatype	
Opties	

	Constraint
Definitie	One concept must be selected in this selection box
Datatype	
Opties	

1.8   Example Instances

VerpleegkundigeDiagnose	
DatumTijd	15-11-2024
ProbleemSituatie	Ontoereikende sociale ondersteuning
VpkDiagnoseSteller::Zorgverlener	
Naam	G. van Putten
Specialisme	Verpleegkundige

VerpleegkundigeDiagnose	
DatumTijd	12-01-2024
Symptoom	
SymptoomNaam	Braken
SymptoomBeloop	Fluctuerend
SymptoomErnst	Ernstig
TijdPatroon	Intermitterend
VpkDiagnoseSteller::Zorgverlener	
Naam	G. de Zeeuw
Specialisme	Verpleegkundige

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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