Health & Care Information Model:

nl.zorg.Sleepfunction-v3.0

Status:Final
Release:2016
Release status: Published

Managed by:

Better health
through better IT

Nictiz

Content

1. nl.zorg.Sleepfunction-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::DescriptionLanguage	nl
DCM::EndorsingAuthority.Address	
DCM::EndorsingAuthority.Name	PM
DCM::EndorsingAuthority.Telecom	
DCM::Id	2.16.840.1.113883.2.4.3.11.60.40.3.4.21
DCM::KeywordList	Slapen, slaapfunctie
DCM::LifecycleStatus	Final
DCM::ModelerList	Werkgroep RadB Verpleegkundige Gegevens
DCM::Name	nl.zorg.Slaapfunctie
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.Slaapfunctie-v1.0
DCM::Version	3.0
HCIM::PublicationLanguage	EN

1.1 Revision History

Publicatieversie 1.0 (01-07-2015)

Publicatieversie 3.0 (01-05-2016)
Bevat: ZIB-453

1.2 Concept

Sleep is the period of inactivity and absence of waking consciousness in which the body relaxes and has lowered physiological and psychological activity.
Varying causes can lead to sleeping problems and disorders in the various aspects of sleep, such as falling asleep, sleeping soundly and maintaining a day-time/night-time sleeping pattern.
Sleeping mainly involves problems and disorders.

1.3 Mindmap

1.4 Purpose

Chronic sleeping problems have a major impact on the patient and on their recovery. They are associated with chronic health problems, an increased risk of depression and anxiety disorder and a worse subjective health.
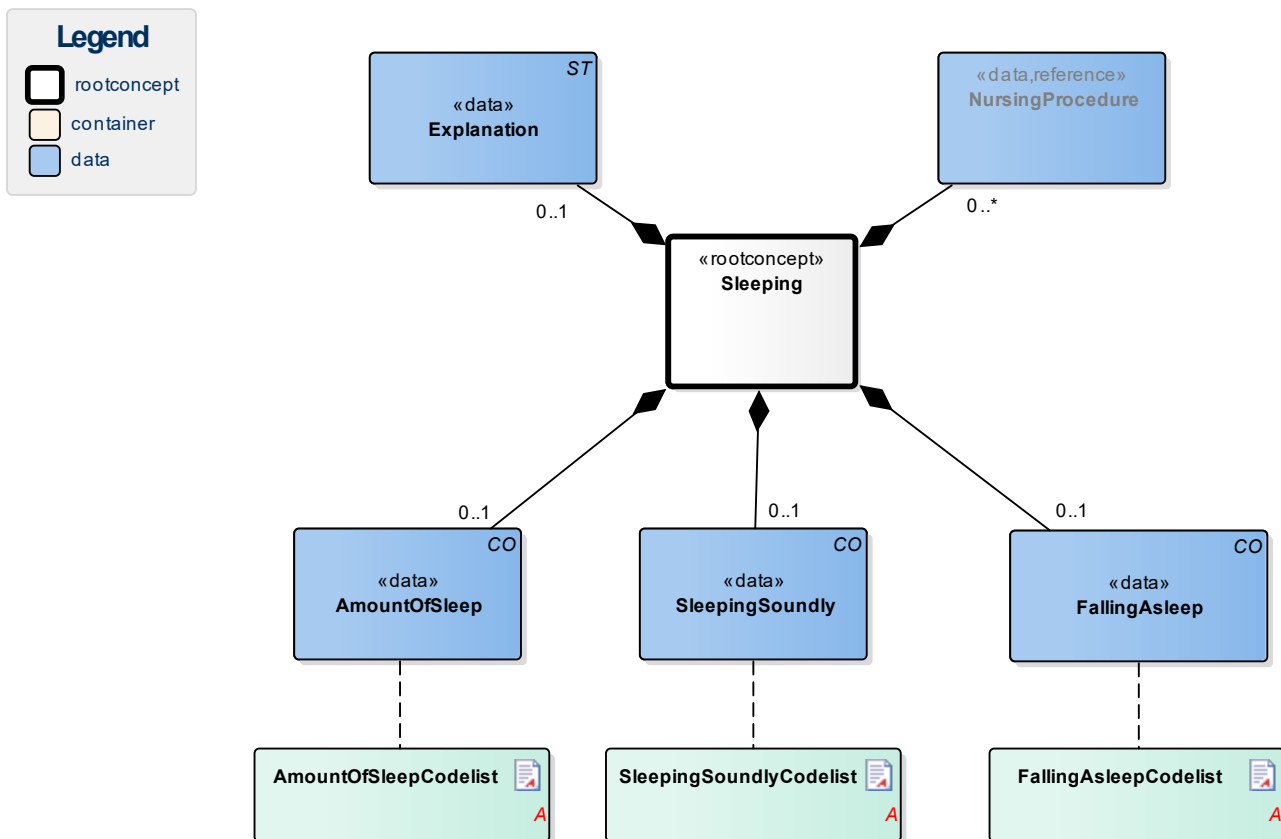Sleeping disorders are documented to signal their presence to healthcare providers and to coordinate the healthcare to meet the requirements of the disorders.

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»	Sleeping	
Definitie	Root concept of the Sleeping information model. This root concept contains all data elements of the Sleeping information model.	
Datatype		
DCM::ConceptId	NL-CM:4.21.1	
Opties		

«data»	FallingAsleep	
Definitie	FallingAsleep is the transition between being awake and asleep.	
Datatype	CO	
DCM::ConceptId	NL-CM:4.21.3	
DCM::DefinitionCode	ICF: b1341 Inslapen	
DCM::ExampleValue	Lichte stoornis	
DCM::ValueSet	FallingAsleepCodelist	OID: 2.16.840.1.113883.2.4.3.11.60.40.2.4.21.1
Opties		

«data»	SleepingSoundly	
Definitie	Sleeping soundly is continued sleep.	
Datatype	CO	
DCM::ConceptId	NL-CM:4.21.4	
DCM::DefinitionCode	ICF: b1342 Doorslapen	
DCM::ExampleValue	Geen stoornis	
DCM::ValueSet	SleepingSoundlyCodelist	OID: 2.16.840.1.113883.2.4.3.11.60.40.2.4.21.2
Opties		

«data»	AmountOfSleep	
Definitie	The amount of sleep is the time spent sleeping during the day-time/night-time cycle or the day.	
Datatype	CO	
DCM::ConceptId	NL-CM:4.21.5	
DCM::DefinitionCode	ICF: b1340 HoeveelheidSlaap	
DCM::ExampleValue	Geen stoornis	
DCM::ValueSet	AmountOfSleepCodelist	OID: 2.16.840.1.113883.2.4.3.11.60.40.2.4.21.3
Opties		

«data»	NursingProcedure	
Definitie	The nursing procedures needed to care for the patient with their sleeping problems and disorders.	
Datatype		
DCM::ConceptId	NL-CM:4.21.2	
DCM::ExampleValue	Voor de nacht warme melk geven.	
DCM::ReferencedConceptId	NL-CM:14.2.9	This is a reference to concept VerpleegkundigeActie in information model VerpleegkundigeInterventie.
Opties		

«data»	Explanation	
Definitie	An explanation of the sleeping function.	
Datatype	ST	
DCM::ConceptId	NL-CM:4.21.6	
DCM::DefinitionCode	LOINC: 48767-8 Annotation comment	
DCM::ExampleValue	Slaapt gemiddeld 6 uur per nacht.	
Opties		

«document»	FallingAsleepCodelist	
Definitie		
Datatype		
DCM::ValueSetId	2.16.840.1.113883.2.4.3.11.60.40.2.4.21.1	
Opties		
InslapenCodelijst	**OID: 2.16.840.1.113883.2.4.3.11.60.40.2.4.21.1**	

Concept Name	Concept Code	CodeSys. Name	CodeSystem OID	Description
Geen stoornis	b1341.0	ICF	2.16.840.1.113883.6.254	Stoornis 0-4%
Lichte stoornis	b1341.1	ICF	2.16.840.1.113883.6.254	Stoornis 5-24%
Matige stoornis	b1341.2	ICF	2.16.840.1.113883.6.254	Stoornis 25-49%
Ernstige stoornis	b1341.3	ICF	2.16.840.1.113883.6.254	Stoornis 50-95%
Volledige stoornis	b1341.4	ICF	2.16.840.1.113883.6.254	Stoornis 96-100%

«document»	SleepingSoundlyCodelist		
Definitie			
Datatype			
DCM::ValueSetId	2.16.840.1.113883.2.4.3.11.60.40.2.4.21.2		
Opties			

DoorslapenCodelijst		OID: 2.16.840.1.113883.2.4.3.11.60.40.2.4.21.2		
Concept Name	Concept Code	CodeSys. Name	CodeSystem OID	Description
Geen stoornis	b1342.0	ICF	2.16.840.1.113883.6.254	Stoornis 0-4%
Lichte stoornis	b1342.1	ICF	2.16.840.1.113883.6.254	Stoornis 5-24%
Matige stoornis	b1342.2	ICF	2.16.840.1.113883.6.254	Stoornis 25-49%
Ernstige stoornis	b1342.3	ICF	2.16.840.1.113883.6.254	Stoornis 50-95%
Volledige stoornis	b1342.4	ICF	2.16.840.1.113883.6.254	Stoornis 96-100%

«document»	AmountOfSleepCodelist		
Definitie			
Datatype			
DCM::ValueSetId	2.16.840.1.113883.2.4.3.11.60.40.2.4.21.3		
Opties			

HoeveelheidSlaapCodelijst		OID: 2.16.840.1.113883.2.4.3.11.60.40.2.4.21.3		
Concept Name	Concept Code	CodeSys. Name	CodeSystem OID	Description
Geen stoornis	b1340.0	ICF	2.16.840.1.113883.6.254	Stoornis 0-4%
Lichte stoornis	b1340.1	ICF	2.16.840.1.113883.6.254	Stoornis 5-24%
Matige stoornis	b1340.2	ICF	2.16.840.1.113883.6.254	Stoornis 25-49%
Ernstige stoornis	b1340.3	ICF	2.16.840.1.113883.6.254	Stoornis 50-95%
Volledige stoornis	b1340.4	ICF	2.16.840.1.113883.6.254	Stoornis 96-100%

1.8 Example Instances

Slaapfunctie	
Inslapen	Lichte stoornis (5-24%)
Doorslapen	Geen stoornis (0-4%)
HoeveelheidSlaap	Lichte stoornis (5-24%)
VerpleegkundigeActie	
Activiteit	Voor de nacht warme melk geven.
Toelichting	Slaapt gemiddeld 6 uur per nacht.

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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