Health & Care Information Model:

nl.zorg.SondeSysteem

Final

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Content

1. nl.zorg.SondeSysteem-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	3-4-2014
DCM::DeprecatedDate	
DCM::DescriptionLanguage	nl
DCM::EndorsingAuthority.Address	
DCM::EndorsingAuthority.Name	PM
DCM::EndorsingAuthority.Telecom	
DCM::Id	2.16.840.1.113883.2.4.3.11.60.40.3.10.3
DCM::KeywordList	Sonde, feeding tube, toedieningssyteem
DCM::LifecycleStatus	Final
DCM::ModelerList	Werkgroep RadB Verpleegkundige Gegevens
DCM::Name	nl.zorg.SondeSysteem
DCM::PublicationDate	1-5-2016
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DCM::ReviewerList	Projectgroep RadB Verpleegkundige Gegevens & Kerngroep Registratie aan de Bron
DCM::RevisionDate	8-9-2015
DCM::Superseeds	nl.nfu.SondeSysteem-v1.0
DCM::Version	3.0

1.1   Revision History

Publicatieversie 1.0 (01-07-2015)

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

1.2   Concept

A feeding tube is a special catheter used to:
- administer liquid food to people who are incapable of oral intake of food or liquid,
- administer medication,
- drain (siphon) or pump out gastric juice.

There are different ways to place a feeding tube. A feeding tube can be inserted through the nose, in the stomach or in the intestines (duodenum, jejunum).
Percutaneous endoscopic gastrostomy (PEG) is a technique in which a feeding tube is placed into the stomach through the abdominal wall. This thin tube (PEG tube) is used to feed a patient who is incapable of oral food intake for a prolonged period of time.
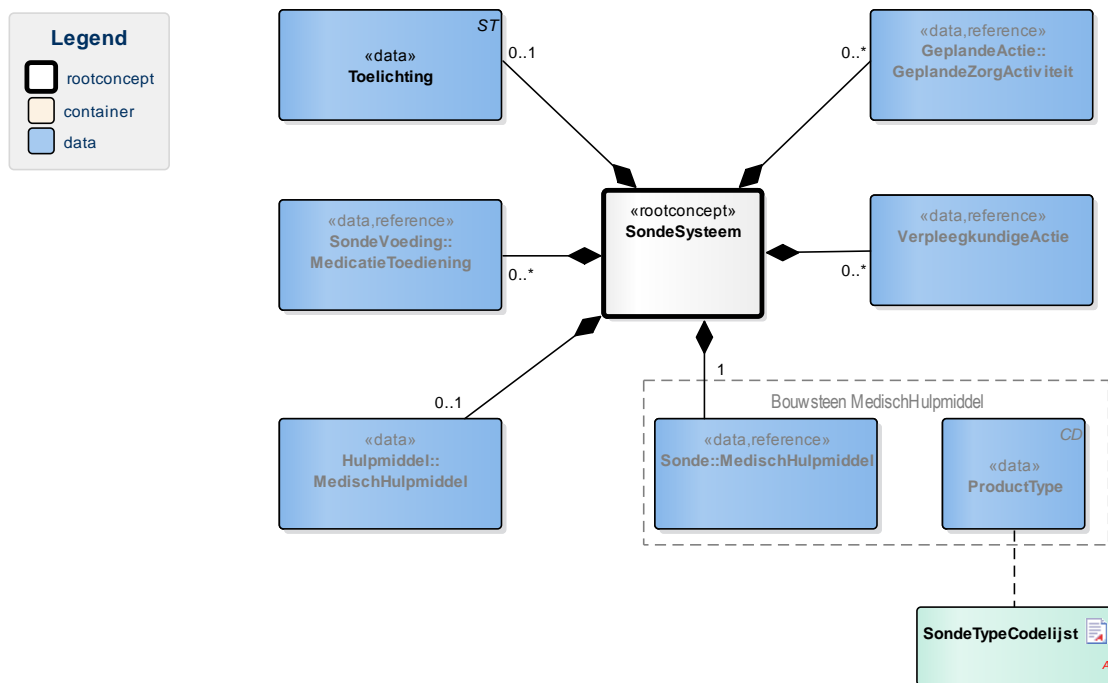
1.3   Mindmap

1.4   Purpose

The purpose of a feeding tube is usually to administer food and/or medication.
Information on present feeding tubes is recorded to inform other healthcare providers. This information is of importance in determining the care required for the patient and in safely administering medication. In a transfer situation, the information offers the option to realize continuity of care by organizing specific expertise and materials in advance, for example.

1.5   Patient Population

1.6   Evidence Base

1.7   Information Model

«rootconcept»	SondeSysteem
Definitie	Root concept of the FeedingTubeSystem information model. This root concept contains all data elements of the FeedingTubeSystem information model.

Datatype		
DCM::DefinitionCode	NL-CM:10.3.1	
Opties		

«data»	Sonde::MedischHulpmiddel	
Definitie	FeedingTube describes the presence of a feeding tube. If this is the case, the date of placement and insertion location can be described in addition to the type of feeding tube. Furthermore, it offers the option to record identification information of the feeding tube if desired.	
Datatype		
DCM::DefinitionCode	SNOMED CT: 25062003 Feeding tube	
DCM::DefinitionCode	NL-CM:10.3.2	
DCM::ReferencedDefinitionCode	NL-CM:10.1.1	This is a reference to concept MedischHulpmiddel in information model MedischHulpmiddel.
Opties		

«data»	ProductType	
Definitie	A description of the type of feeding tube based on the location where it was inserted and the position of the tip of the tube.	
Datatype	CD	
DCM::DefinitionCode	NL-CM:10.1.3	
DCM::ValueSet	SondeTypeCodelijst	OID: 2.16.840.1.113883.2.4.3.11.60.40.2.10.3.1
Opties		

«data»	SondeVoeding::MedicatieToediening	
Definitie	The description of the fluid administered through the feeding tube and the dose administered, as given in the medication prescription. Though most cases involve food being administered through the feeding tube, medication is often administered through these tubes as well.	
Datatype		
DCM::DefinitionCode	NL-CM:10.3.3	
DCM::DefinitionCode	SNOMED CT: 225748000 Artificial feed	
DCM::ExampleValue	Nutrison	
DCM::ReferencedDefinitionCode	NL-CM:9.3.1	This is a reference to concept MedicatieToediening in information model MedicatieToediening.
Opties		

«data»	Hulpmiddel::MedischHulpmiddel	
Definitie	A description of aids required to use the feeding tube, such as an enteral feeding pump or a vacuum pump in the event of draining fluid.	
Datatype		

DCM::DefinitionCode	NL-CM:10.3.7	
DCM::ReferencedDefinitionCode	NL-CM:10.1.1	This is a reference to concept MedischHulpmiddel in information model MedischHulpmiddel.
Opties		

«data»	VerpleegkundigeActie	
Definitie	The required nursing procedures and/or points for attention involved in placement, use and removal of the feeding tube.	
Datatype		
DCM::DefinitionCode	NL-CM:10.3.4	
DCM::ReferencedDefinitionCode	NL-CM:14.2.9	This is a reference to concept VerpleegkundigeActie in information model VerpleegkundigeInterventie.
Opties		

«data»	GeplandeActie::GeplandeZorgActiviteit	
Definitie	A planned (nursing) procedure or 'clinical reminder' relating to administering the feeding tube. This can be used to record information such as the date on which the feeding tube must be replaced.	
Datatype		
DCM::DefinitionCode	NL-CM:10.3.5	
DCM::ReferencedDefinitionCode	NL-CM:16.1.1	This is a reference to concept GeplandeZorgActiviteit in information model OverdrachtGeplandeZorgActiviteit.
Opties		

«data»	Toelichting	
Definitie	An explanation of the feeding tube.	
Datatype	ST	
DCM::DefinitionCode	LOINC: 48767-8 Annotation comment	
DCM::DefinitionCode	NL-CM:10.3.6	
Opties		

«document»	SondeTypeCodelijst
Definitie	
Datatype	
Opties	

SondeTypeCodelijst			OID: 2.16.840.1.113883.2.4.3.11.60.40.2.10.3.1		
Concept Name	Concept Code	Coding Syst. Name	Coding System OID	Description
Jejunostomy tube	126065006	SNOMED CT	2.16.840.1.113883.6.96	Jejunostomie katheter
Gastrostomy tube	470571004	SNOMED CT	2.16.840.1.113883.6.96	Gastrostomie katheter

Percutaneous endoscopic gastrostomy catheter	281414004	SNOMED CT	2.16.840.1.113883.6.96	PEG sonde
Percutaneous radiological gastrostomy catheter	892100014 6109	SNOMED CT	2.16.840.1.113883.6.96	PRG sonde
Percutaneous endoscopic gastrojejunostomy catheter	885100014 6109	SNOMED CT	2.16.840.1.113883.6.96	PEG-J sonde
Percutaneous endoscopic jejunostomy catheter	891100014 6104	SNOMED CT	2.16.840.1.113883.6.96	PEJ sonde
Nasogastric tube	17102003	SNOMED CT	2.16.840.1.113883.6.96	Neus-maagsonde
Nasojejunal tube	858100014 6101	SNOMED CT	2.16.840.1.113883.6.96	Neus-jejunumsonde
Nasoduodenal tube	859100014 6104	SNOMED CT	2.16.840.1.113883.6.96	Neus-duodenumsonde
Other	OTH	NullFlavor	2.16.840.1.113883.5.100 8	Anders

1.8 Example Instances

SondeSysteem	
Sonde	
ProductType	PEG sonde
BeginDatum	30-11-2014
SondeVoeding	
ProductNaam	Nutrison
VerpleegkundigeActie	
Activiteit	Sonde naspoelen met water na sondevoeding.
GeplandeActie	
Activiteit	Sonde verwisselen op 5-12-2014.

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. V&VN. *Landelijke multidisciplinaire richtlijn Neusmaagsonde.* (2011) [Online] Beschikbaar op: http://www.stuurgroepondervoeding.nl/wp-content/uploads/2015/02/Richtlijn-Neusmaagsonde-de finitief.pdf [Geraadpleegd: 13 februari 2015]

1.16 Functional Model

1.17 Traceability to other Standards

1.18 Disclaimer

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