

Health & Care Information Model:

nl.nfu.BladderFunction-v1.0

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1. nl.nfu.BladderFunction-v1.0

DCM::CoderList	Werkgroep RadB Verpleegkundige Gegevens
DCM::ContactInformation.Address	*
DCM::ContactInformation.Name	*
DCM::ContactInformation.Telecom	*
DCM::ContentAuthorList	Werkgroep RadB Verpleegkundige Gegevens
DCM::CreationDate	1-4-2014
DCM::DeprecatedDate	
DCM::DescriptionLanguage	nl
DCM::EndorsingAuthority.Address	
DCM::EndorsingAuthority.Name	NFU & V&VN
DCM::EndorsingAuthority.Telecom	
DCM::Id	2.16.840.1.113883.2.4.3.11.60.40.3.4.14
DCM::KeywordList	Mictie, continentie
DCM::LifecycleStatus	Final
DCM::ModelerList	Werkgroep RadB Verpleegkundige Gegevens
DCM::Name	nl.nfu.Blaasfunctie
DCM::PublicationDate	8-9-2015
DCM::PublicationStatus	Published
DCM::ReviewerList	Projectgroep RadB Verpleegkundige Gegevens & Kerngroep Registratie aan de Bron
DCM::RevisionDate	8-9-2015
DCM::Superseeds	
DCM::Version	1.0
HCIM::PublicationLanguage	EN

1.1 Revision History

Publicatieversie 1.0 (01-07-2015)

1.2 Concept

The primary function of the bladder is temporary storage of urine. A second important function of the bladder is secretion of the stored urine at the moment there is cause to do so. These functions can be disrupted due to various causes.

1.3 Mindmap

1.4 Purpose

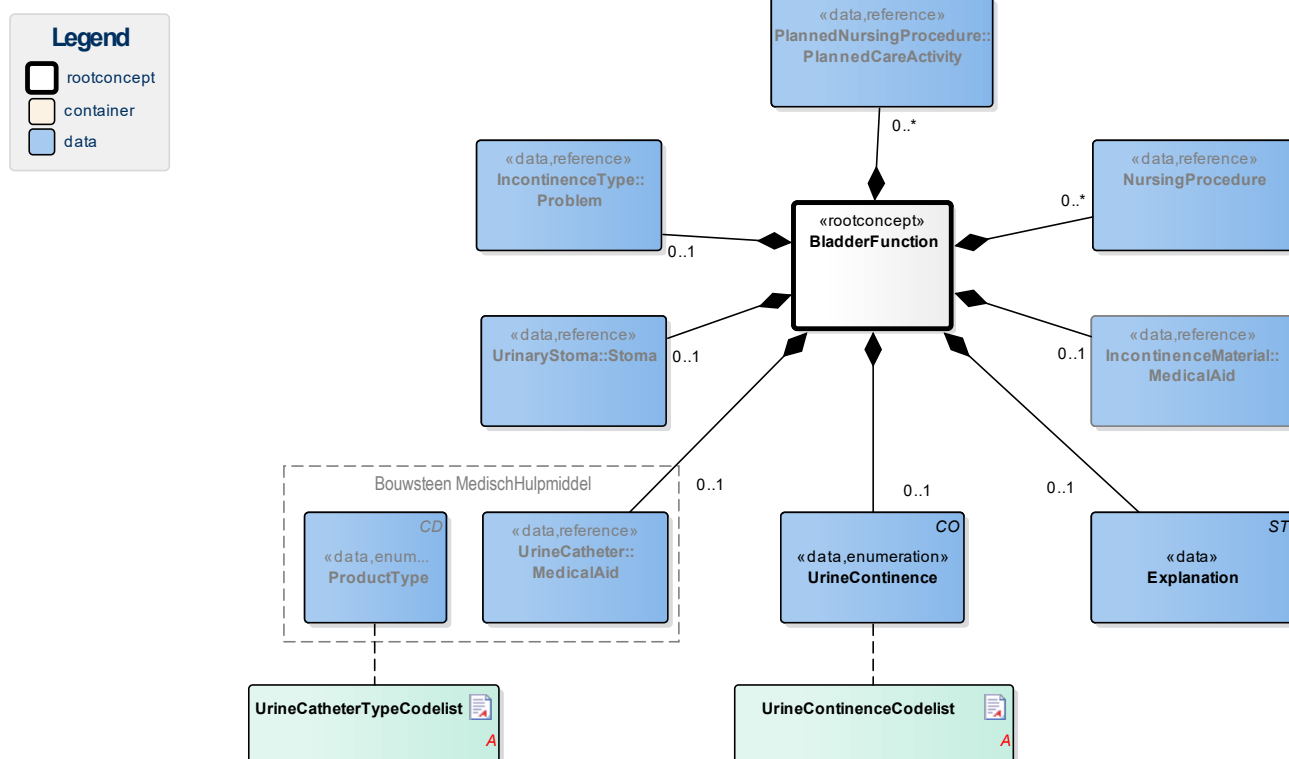
Information on bladder function disorders is important in drawing up the nursing plan and for patient care. In a transfer situation, it offers the ability to anticipate the arrival of the patient and to achieve continuity in healthcare for the patient. This way, material or expertise can be coordinated beforehand, for example.

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»	BladderFunction	
Definitie	Root concept of the BladderFunction building block. This root concept contains all data elements of the BladderFunction building block.	
Datatype		
DCM::ConceptId	NL-CM:4.14.1	
DCM::DefinitionCode	SNOMED CT: 28278009	Micturition
Opties		

«data»	UrineContinance	
Definitie	Urine continence describes control over urine discharge. This includes disorders such as stress incontinence, urge incontinence, reflex incontinence, constant incontinence and mixed incontinence.	
Datatype	CO	
DCM::ConceptId	NL-CM:4.14.2	
DCM::DefinitionCode	ICF: b6202 Urinecontinentie	
DCM::ExampleValue	Lichte stoornis	
DCM::ValueSet	UrineContinanceCodelist	OID: 2.16.840.1.113883.2.4.3.11.60.40.2.4.14.1
Opties		

«data»	IncontinenceType::Problem	
Definitie	A specification of the type of incontinence.	

Datatype		
DCM::ConceptId	NL-CM:4.14.8	
DCM::DefinitionCode	SNOMED CT: 165232002 Urinary incontinence	
DCM::ExampleValue	Stress incontinentie	
DCM::ReferencedConceptId	NL-CM:5.1.2	This is a reference to concept Probleem in information model OverdrachtConcern.
Opties		

«data»	UrinaryStoma::Stoma	
Definitie	UrinaryStoma describes the presence of an unnatural, surgically created opening. If the patient has a urinary stoma, the date of placement, location of the stoma and any stoma pouches and an explanation can be entered. The type of stoma is automatically a urinary stoma in this case.n	
Datatype		
DCM::ConceptId	NL-CM:4.14.3	
DCM::DefinitionCode	SNOMED CT: 281601009 Urological stoma	
DCM::ReferencedConceptId	NL-CM:5.2.1	This is a reference to concept Stoma in information model Stoma.
Opties		

«data»	UrineCatheter::MedicalAid	
Definitie	UrineCatheter describes the presence of a urine catheter. If this is the case, the date of placement, urine catheter location, explanation and catheter identification information can be described in addition to the type of catheter.	
Datatype		
DCM::ConceptId	NL-CM:4.14.4	
DCM::DefinitionCode	SNOMED CT: 20568009 Urinary catheter	
DCM::ReferencedConceptId	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 catheter.	
Datatype	CD	
DCM::ConceptId	NL-CM:10.1.3	
DCM::ExampleValue	Verblijfskatheter	
DCM::ValueSet	UrineCatheterTypeCodeList	OID: 2.16.840.1.113883.2.4.3.11.60.40.2.4.14.2
Opties		

«data»	IncontinenceMaterial::MedicalAid	
Definitie	A description of the incontinence material used.	
Datatype		
DCM::ConceptId	NL-CM:4.14.5	
DCM::DefinitionCode	SNOMED CT: 337588003 Incontinence appliance	

DCM::ExampleValue	Inlegverband	
DCM::ReferencedConceptId	NL-CM:10.1.1	This is a reference to concept MedischHulpmiddel in information model MedischHulpmiddel.
Opties		

«data»	Explanation	
Definitie	Explanation of the urinary (in)continence and treatment.	
Datatype	ST	
DCM::ConceptId	NL-CM:4.14.6	
DCM::DefinitionCode	LOINC: 48767-8 Annotation comment	
Opties		

«data»	NursingProcedure	
Definitie	Description of the help needed for micturition and the required facilitation of any urine catheters.	
Datatype		
DCM::ConceptId	NL-CM:4.14.7	
DCM::ExampleValue	Ondersteuning bij verwisselen zakje stoma	
DCM::ReferencedConceptId	NL-CM:14.2.9	This is a reference to concept VerpleegkundigeActie in information model VerpleegkundigeInterventie.
Opties		

«data»	PlannedNursingProcedure::PlannedCareActivity	
Definitie	Planned (nursing) procedure or 'clinical reminder' for example in facilitating the catheter, in which information can be included such as the date on which the catheter must be replaced.	
Datatype		
DCM::ConceptId	NL-CM:4.14.9	
DCM::ReferencedConceptId	NL-CM:16.1.1	This is a reference to concept GeplandeZorgActiviteit in information model OverdrachtGeplandeZorgActiviteit.
Opties		

«document»	UrineContinenceCodelist	
Definitie		
Datatype		
DCM::ValueSetId	2.16.840.1.113883.2.4.3.11.60.40.2.4.14.1	
Opties		

UrineContinentieCodelijst		OID: 2.16.840.1.113883.2.4.3.11.60.40.2.4.14.1		
Concept Name	Concept Code	CodeSys. Name	CodeSystem OID	Description
Geen stoornis	b6202.0	ICF	2.16.840.1.113883.6.254	Stoornis 0-4%
Lichte stoornis	b6202.1	ICF	2.16.840.1.113883.6.254	Stoornis 5-24%
Matige stoornis	b6202.2	ICF	2.16.840.1.113883.6.254	Stoornis 25-49%
Ernstige stoornis	b6202.3	ICF	2.16.840.1.113883.6.254	Stoornis 50-95%
Volledige stoornis	b6202.4	ICF	2.16.840.1.113883.6.254	Stoornis 96-100%

«document»	UrineCatheterTypeCodelist	
Definitie		
Datatype		
DCM::ValueSetId	2.16.840.1.113883.2.4.3.11.60.40.2.4.14.2	
Opties		

UrineKatheterTypeCodelijst			OID: 2.16.840.1.113883.2.4.3.11.60.40.2.4.14.2	
Concept Name	Concept Code	Coding Syst. Name	Coding System OID	Description
Indwelling urinary catheter	23973005	SNOMED CT	2.16.840.1.113883.6.96	Verblijfskatheter
Intermittent urethral drainage catheter, sterile	469715007	SNOMED CT	2.16.840.1.113883.6.96	Eenmalige katheter
Incontinence sheath	337636000	SNOMED CT	2.16.840.1.113883.6.96	Condoomkatheter
Suprapubic catheter	286861005	SNOMED CT	2.16.840.1.113883.6.96	Suprapubische katheter
Other	OTH	NullFlavor	2.16.840.1.113883.5.1008	Anders

1.8 Example Instances

Blaasfunctie (urostoma)	
UrineContinentie	-
SoortIncontinentie	-
Incontinentiemateriaal	-
Urostoma	
StomaType	Urostoma
AanlegDatum	12-01-2014
Toelichting	Extra aandacht voor peristomale huid
UrineKatheter	
ProductType	-
BeginDatum	-
Toelichting	-
VerpleegkundigeActie	
Activiteit	Ondersteunen bij verwisselen plak bij stoma.
Toelichting	Kan bij problemen contact opnemen met stomaverpleegkundige

Blaasfunctie (continentie stoornis)	
UrineContinentie	Matige stoornis
SoortIncontinentie	overloopcontinentie
Incontinentiemateriaal	-
Urostoma	
Sinds	-
Opmerking bij urostoma	-
UrineKatheter	
ProductType	Verblijfskatheter
BeginDatum	12-05-2014
Toelichting	-
VerpleegkundigeActie	
Activiteit	Ondersteunen bij het verwisselen van nachtopvangzak.
Toelichting	Partner verzorgt insteekopening van katheter

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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