

# Health & Care Information Model:

nl.zorg.BladderFunction-v4.1

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# Content

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# 1. nl.zorg.BladderFunction-v4.1

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	PM
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.zorg.Blaasfunctie
DCM::PublicationDate	24-04-2024
DCM::PublicationStatus	Published
DCM::ReviewerList	Projectgroep RadB Verpleegkundige Gegevens & Kerngroep Registratie aan de Bron
DCM::RevisionDate	17-10-2023
DCM::Supersedes	nl.zorg.Blaasfunctie-v4.0
DCM::Version	4.1
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-531

Publicatieversie 3.2 (06-07-2019)

Bevat: ZIB-732.

Publicatieversie 4.0 (10-06-2022)

Bevat: ZIB-1581, ZIB-1585.

Publicatieversie 4.1 (15-10-2023)

Bevat: ZIB-2103.

## 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

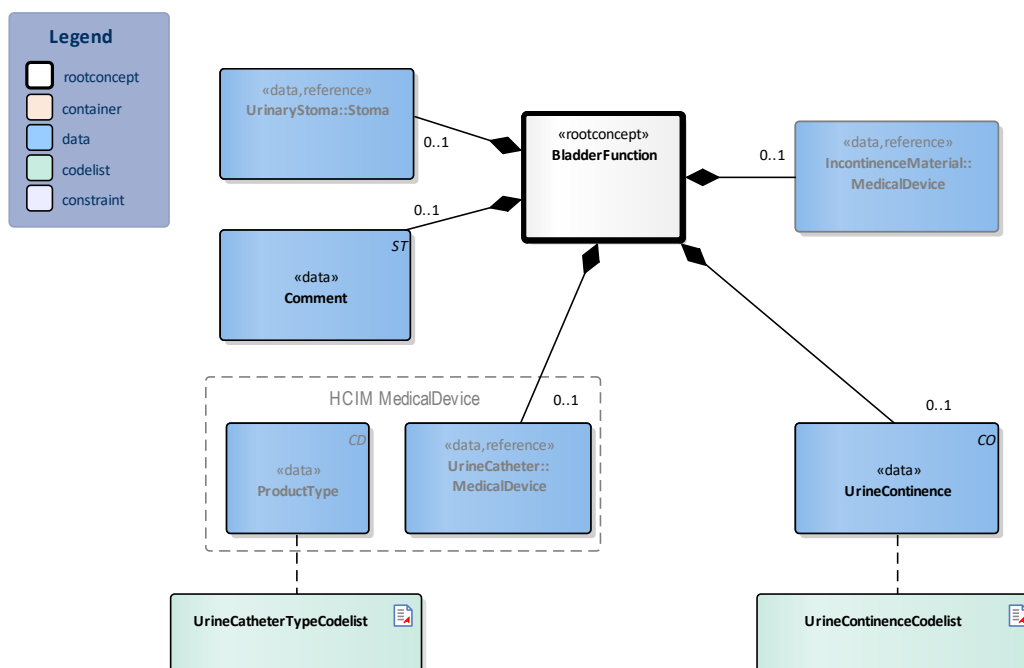
Information on bladder function disorders is important in drawing up the nursing plan and for patient care. In a transfer situation, it offers the ability to anticipate the arrival of the patient and to achieve continuity in healthcare for the patient. This way, material or expertise can be coordinated 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 information model. This root concept contains all data elements of the BladderFunction information model.	
Datatype		
DCM::ConceptId	NL-CM:4.14.1	
DCM::DefinitionCode	SNOMED CT: 366279009 Bladder control - finding	
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	SNOMED CT:129009001 Bladder control	
DCM::ExampleValue	Incontinent	
DCM::ValueSet	UrineContinanceCodelist	OID: 2.16.840.1.113883.2.4.3.11.60.40.2.4.14.1
Opties		

«data»	UrinaryStoma::Stoma	
Definitie	UrinaryStoma describes the presence of an unnatural, surgically created opening. If the patient has an urinary stoma, the date of placement, location of the stoma and any stoma pouches and a comment can be entered. The type of stoma is automatically an urinary stoma in this case.	
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 the rootconcept of information model Stoma.
Opties		

«data»	UrineCatheter::MedicalDevice	
Definitie	UrineCatheter describes the presence of a urine catheter. If this is the case, the date of placement, urine catheter location, comment 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 the rootconcept of information model MedicalDevice.
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::MedicalDevice	
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 the rootconcept of information model MedicalDevice.
Opties		

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

<b>«document»</b>	<b>UrineContenanceCodelist</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 0.40.2.4.14.1	
<b>DCM::ValueSetInclude OTH</b>	False	
<b>DCM::ValueSetStatus</b>	Active	
<b>HCIM::ValueSetLanguage</b>	--	
<b>Opties</b>		

<b>UrineContinentieCodelijst</b>	<b>OID:</b> 2.16.840.1.113883.2.4.3.11.60.40.2.4.14.1
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Concept Name	Concept Code	Concept Value	Coding Syst. Name	Coding System OID	Description
Urinary incontinence	165232002	0	SNOMED CT	2.16.840.1.113883.6.96	Incontinent
Bladder: occasional accident	165233007	1	SNOMED CT	2.16.840.1.113883.6.96	Af en toe een ongelukje (max. 1 keer per 24 uur)
Continent of urine	45850009	2	SNOMED CT	2.16.840.1.113883.6.96	Continent (gedurende meer dan 7 dagen)
Bladder: fully continent [DEPRECATED]	165234001	2	SNOMED CT	2.16.840.1.113883.6.96	Continent (gedurende meer dan 7 dagen)

<b>«document»</b>	<b>UrineCatheterTypeCodelist</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 0.40.2.4.14.2	
<b>DCM::ValueSetInclude OTH</b>	True	
<b>DCM::ValueSetStatus</b>	Active	
<b>HCIM::ValueSetLanguage</b>	--	
<b>Opties</b>		

<b>UrineKatheterTypeCodelijst</b>	<b>OID: 2.16.840.1.113883.2.4.3.11.60.40.2.4.14.2</b>
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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
JJ-stent	257366006	SNOMED CT	2.16.840.1.113883.6.96	Dubbel J catheter

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

## 1.8 Example Instances

<b>Blaasfunctie (urostoma)</b>	
UrineContinentie	-
Incontinentiemateriaal	-
<b>Urostoma</b>	
StomaType	Urostoma
AanlegDatum	12-01-2014
Toelichting	Extra aandacht voor peristomale huid
<b>UrineKatheter</b>	
ProductType	-
BeginDatum	-
Toelichting	-
Toelichting	Kan bij problemen contact opnemen met stomaverpleegkundige

<b>Blaasfunctie (continentie stoornis)</b>	
UrineContinentie	Incontinent
Incontinentiemateriaal	-
<b>Urostoma</b>	
Sinds	-
Opmerking bij urostoma	-
<b>UrineKatheter</b>	
ProductType	Verblijfskatheter
BeginDatum	12-05-2014
Toelichting	-
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

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