

# Health & Care Information Model:

## nl.zorg.BladderFunction-v4.1

Status: Final

Release status: Prepublished

# 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	15-10-2023
DCM::PublicationStatus	Prepublished
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

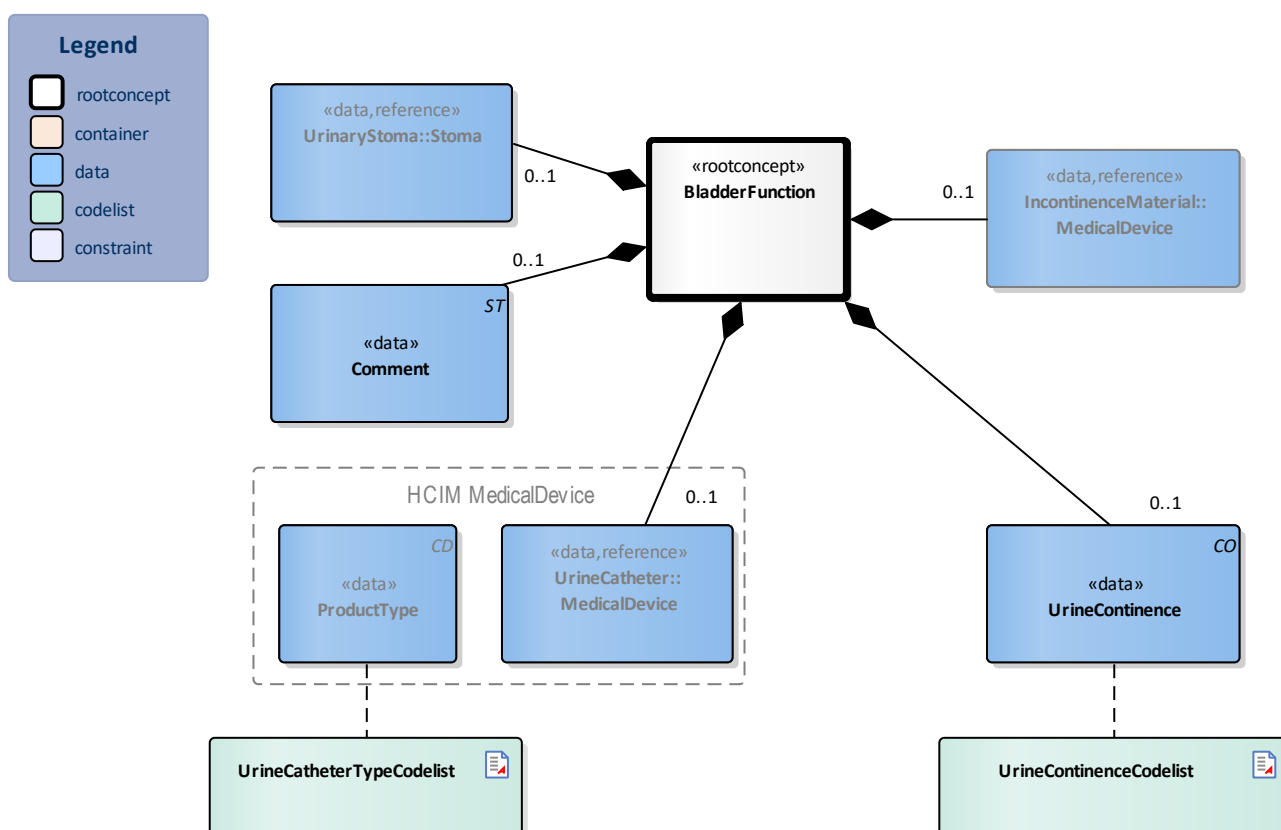
Information on bladder function disorders is important in drawing up the nursing plan and for patient care. In a transfer situation, it offers the ability to anticipate the arrival of the patient and to achieve continuity in healthcare for the patient. This way, material or expertise can be coordinated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

«data»	UrineContinece	
<b>Definitie</b>	Urine continence describes control over urine discharge. This includes disorders such as stress incontinence, urge incontinence, reflex incontinence, constant incontinence and mixed incontinence.	
<b>Datatype</b>	CO	
<b>DCM::ConceptId</b>	NL-CM:4.14.2	
<b>DCM::DefinitionCode</b>	SNOMED CT:129009001 Bladder control	

<b>DCM::ExampleValue</b>	Incontinent	
<b>DCM::ValueSet</b>	UrineContinenceCodelist	OID: 2.16.840.1.113883.2.4.3.11.60.40.2.4.14.1
<b>Opties</b>		

<b>«data»</b>	<b>UrinaryStoma::Stoma</b>	
<b>Definitie</b>	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.	
<b>Datatype</b>		
<b>DCM::ConceptId</b>	NL-CM:4.14.3	
<b>DCM::DefinitionCode</b>	SNOMED CT: 281601009 Urological stoma	
<b>DCM::ReferencedConceptId</b>	NL-CM:5.2.1	This is a reference to the rootconcept of information model Stoma.
<b>Opties</b>		

<b>«data»</b>	<b>UrineCatheter::MedicalDevice</b>	
<b>Definitie</b>	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.	
<b>Datatype</b>		
<b>DCM::ConceptId</b>	NL-CM:4.14.4	
<b>DCM::DefinitionCode</b>	SNOMED CT: 20568009 Urinary catheter	
<b>DCM::ReferencedConceptId</b>	NL-CM:10.1.1	This is a reference to the rootconcept of information model MedicalDevice.
<b>Opties</b>		

<b>«data»</b>	<b>ProductType</b>	
<b>Definitie</b>	A description of the type of catheter.	
<b>Datatype</b>	CD	
<b>DCM::ConceptId</b>	NL-CM:10.1.3	
<b>DCM::ExampleValue</b>	Verblijfskatheter	
<b>DCM::ValueSet</b>	UrineCatheterTypeCodelist	OID: 2.16.840.1.113883.2.4.3.11.60.40.2.4.14.2
<b>Opties</b>		

<b>«data»</b>	<b>IncontinenceMaterial::MedicalDevice</b>	
<b>Definitie</b>	A description of the incontinence material used.	
<b>Datatype</b>		
<b>DCM::ConceptId</b>	NL-CM:4.14.5	
<b>DCM::DefinitionCode</b>	SNOMED CT: 337588003 Incontinence appliance	
<b>DCM::ExampleValue</b>	Inlegverband	
<b>DCM::ReferencedConceptId</b>	NL-CM:10.1.1	This is a reference to the rootconcept of information model MedicalDevice.
<b>Opties</b>		

<b>«data»</b>	<b>Comment</b>	
<b>Definitie</b>	Comment on the urinary(in)continence and treatment.	
<b>Datatype</b>	ST	
<b>DCM::ConceptId</b>	NL-CM:4.14.6	

<b>DCM::DefinitionCode</b>	LOINC: 48767-8 Annotation comment	
<b>Opties</b>		

<b>«document»</b>	<b>UrineContinenceCodelist</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>HCIM::ValueSetLanguage</b>	--	
<b>Opties</b>		

<b>UrineContinentieCodelijst</b>			<b>OID: 2.16.840.1.113883.2.4.3.11.60.40.2.4.14.1</b>		
<b>Concept Name</b>	<b>Concept Code</b>	<b>Concept Value</b>	<b>Coding Syst. Name</b>	<b>Coding System OID</b>	<b>Description</b>
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>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>	
<b>Concept Name</b>	<b>Concept Code</b>	<b>Coding Syst. Name</b>	<b>Coding System OID</b>	<b>Description</b>
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	Enmalige 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
Other	OTH	NullFlavor	2.16.840.1.113883.5.100	Anders

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Legend	
Definitie	
Datatype	
Opties	

## 1.8 Example Instances

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

Blaasfunctie (continentie stoornis)	
UrineContinente	Incontinent
Incontinentiemateriaal	-
Urostoma	
Sinds	-
Opmerking bij urostoma	-
UrineKatheter	
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

## 1.18 Disclaimer

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