

# Health & Care Information Model:

nl.zorg.BladderFunction-v4.1

Status: Final

Release: 2024

Release status: Published

Managed by:



# Content

<b>1. nl.zorg.BladderFunction-v4.1 .....</b>	<b>3</b>
1.1 Revision History.....	3
1.2 Concept .....	3
1.3 Mindmap .....	3
1.4 Purpose.....	4
1.5 Patient Population .....	4
1.6 Evidence Base .....	4
1.7 Information Model .....	4
1.8 Example Instances.....	7
1.9 Instructions.....	7
1.10 Interpretation .....	7
1.11 Care Process .....	7
1.12 Example of the Instrument .....	7
1.13 Constraints.....	7
1.14 Issues .....	8
1.15 References .....	8
1.16 Functional Model .....	8
1.17 Traceability to other Standards.....	8
1.18 Disclaimer .....	8
1.19 Terms of Use .....	8
1.20 Copyrights.....	8

# 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	25-04-2025
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

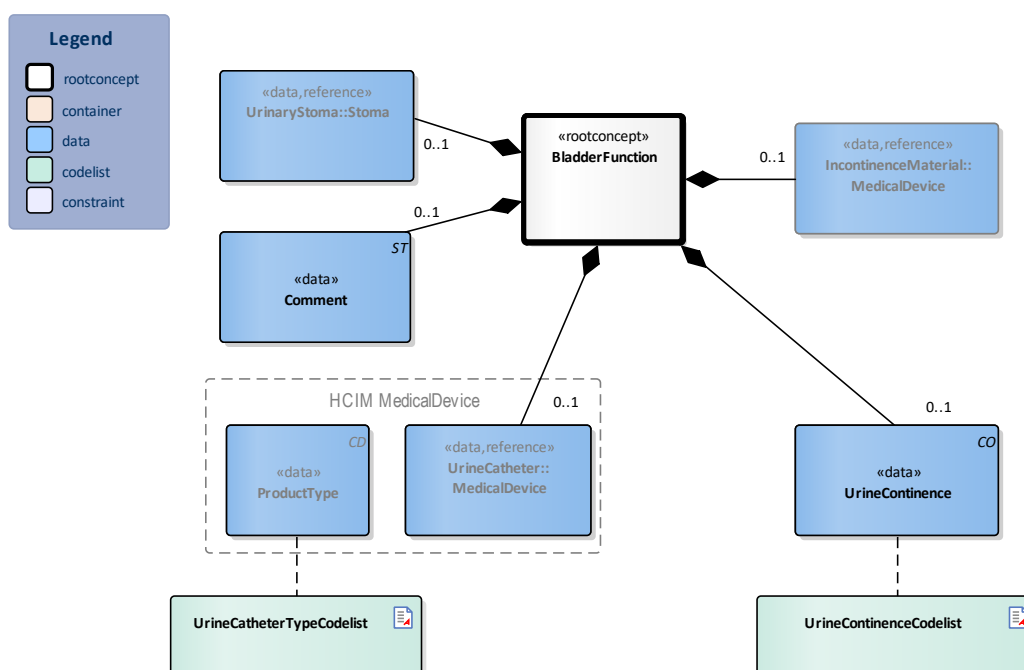
Information on bladder function disorders is important in drawing up the nursing plan and for patient care. In a transfer situation, it offers the ability to anticipate the arrival of the patient and to achieve continuity in healthcare for the patient. This way, material or expertise can be coordinated 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	
<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>	UrineContineceCodelist	OID: 2.16.840.1.113883.2.4.3.11.60.40.2.4.14.1
<b>Opties</b>		

«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: 2.16.840.1.113883.2.4.3.11.60.40.2.4.14.1</b>		
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>		
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>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

## 1.18 Disclaimer

The Health and Care Information Models (a.k.a Clinical Building Block) has been made in collaboration with several different parties in healthcare. These parties asked Nictiz to manage good maintenance and development of the information models. Hereafter, these parties and Nictiz are referred to as the collaborating parties. The collaborating parties paid utmost attention to the reliability and topicality of the data in these Health and Care Information Models. Omissions and inaccuracies may however occur. The collaborating parties are not liable for any damages resulting from omissions or inaccuracies in the information provided, nor are they liable for damages resulting from problems caused by or inherent to distributing information on the internet, such as malfunctions, interruptions, errors or delays in information or services provide by the parties to you or by you to the parties via a website or via e-mail, or any other digital means. The collaborating parties will also not accept liability for any damages resulting from the use of data, advice or ideas provided by or on behalf of the parties by means of the Health and Care Information Models. The parties will not accept any liability for the content of information in this Health and Care Information Model to which or from which a hyperlink is referred. In the event of contradictions in mentioned Health and Care Information Model documents and files, the most recent and highest version of the listed order in the revisions will indicate the priority of the documents in question. If information included in the digital version of a Health and Care Information Model is also distributed in writing, the written version will be leading in case of textual differences. This will apply if both have the same version number and date. A definitive version has priority over a draft version. A revised version has priority over previous versions.

## 1.19 Terms of Use

The user may use the Health and Care Information Models without limitations. The copyright provisions in the paragraph concerned apply to copying, distributing and passing on the Health and Care Information Models.

## 1.20 Copyrights

A Health and Care Information Model qualifies as a work within the meaning of Section 10 of the Copyright Act (Auteurswet). Copyrights protect the Health and Care Information Models and these rights are owned by the cooperating parties.

The user may copy, distribute and pass on the information in this Health and Care Information Model under the conditions that apply for Creative Commons license Attribution-NonCommercial-ShareAlike 3.0 Netherlands (CC BY-NC-SA-3.0).

The content is available under Creative Commons Attribution-NonCommercial-ShareAlike 3.0 (see also <http://creativecommons.org/licenses/by-nc-sa/3.0/nl/>)

This does not apply to information from third parties that sometimes is used and / or referred to in a Health and Care Information Model, for example to an international medical terminology system. Any (copyright) rights that protect this information are not owned by the cooperating parties but by those third parties.

Nictiz is the independent national competence centre for electronic exchange of health and care information. The activities of Nictiz include the targeted development and management of information standards at the request of and in partnership with the stakeholders in healthcare. Nictiz advises these parties on all aspects of information exchange and identifies (future) national and international developments.

**Nictiz**

P.O. Box 19121  
2500 CC Den Haag  
Oude Middenweg 55  
2491 AC Den Haag

070-3173450  
[info@nictiz.nl](mailto:info@nictiz.nl)  
[www.nictiz.nl](http://www.nictiz.nl)

