

# Health & Care Information Model:

nl.zorg.BladderFunction-v3.2

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# Content

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# 1. nl.zorg.BladderFunction-v3.2

|                                 |  |
|---------------------------------|--|
| 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            | 01-12-2021   |
| DCM::PublicationStatus          | Prepublished   |
| DCM::ReviewerList               | Projectgroep RadB Verpleegkundige Gegevens & Kerngroep Registratie aan de Bron |
| DCM::RevisionDate               | 09-05-2019   |
| DCM::Supersedes                 | nl.zorg.Blaasfunctie-v3.1  |
| DCM::Version                    | 3.2  |
| 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.

## 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

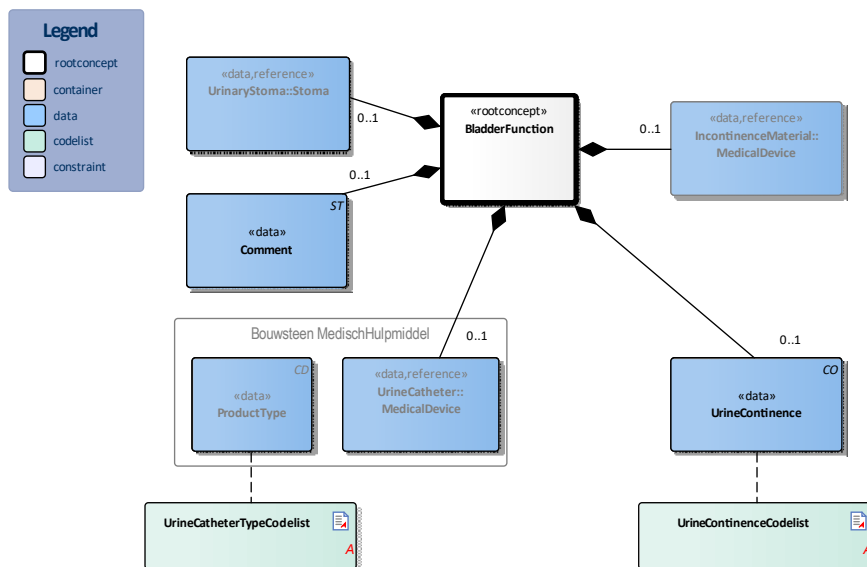
Information on bladder function disorders is important in drawing up the nursing plan and for patient care. In a transfer situation, it offers the ability to anticipate the arrival of the patient and to achieve continuity in healthcare for the patient. This way, material or expertise can be coordinated 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: 364196001  |  |
|                            | Micturition feature   |  |
| <b>Opties</b>              |   |  |

| «data»                     | UrineContinance   |   |
|----------------------------|---|---|
| <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>            |   |   |
| <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>       | UrineContinanceCodelist   | OID:<br>2.16.840.1.113883.2.4.3.11.60.40.2.4.14.1 |
| <b>Opties</b>              |   |   |

| «data»           | UrinaryStoma::Stoma  |  |
|------------------|--|--|
| <b>Definitie</b> | 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 comment can be entered. The type of stoma is automatically a urinary stoma in this case. |  |
| <b>Datatype</b>                 |  |  |
| <b>DCM::ConceptId</b>           | NL-CM:4.14.3   |  |
| <b>DCM::DefinitionCode</b>      | SNOMED CT: 281601009<br>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<br>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>          |  |   |
| <b>DCM::ConceptId</b>    | NL-CM:10.1.3                           |   |
| <b>DCM::ExampleValue</b> | Verblijfskatheter                      |   |
| <b>DCM::ValueSet</b>     | UrineCatheterTypeCodelist              | OID:<br>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<br>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 MediicalDevice. |
| <b>Opties</b>                   |  |   |

|                            |  |  |
|----------------------------|--|--|
| <b>«data»</b>              | <b>Comment</b>                                       |  |
| <b>Definitie</b>           | Comment on the urinary (in)continence and treatment. |  |
| <b>Datatype</b>            |  |  |
| <b>DCM::ConceptId</b>      | NL-CM:4.14.6   |  |
| <b>DCM::DefinitionCode</b> | LOINC: 48767-8 Annotation<br>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>           | 2.16.840.1.113883.2.4.3.11.60.40.2.4.14.1 |   |  |
|----------------------------------|---|---|--|
| <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> |  |
| Concept Name                     | Concept Code                              | Concept Value   | Description                                      |
| Bladder: incontinent             | 165232002                                 | 0   | Incontinent                                      |
| Bladder: occasional accident     | 165233007                                 | 1   | Af en toe een ongelukje (max. 1 keer per 24 uur) |
| Bladder: fully continent         | 165234001                                 | 2   | 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>        | 2.16.840.1.113883.2.4.3.11.60.40.2.4.14.2 |  |
| <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> |                        |
|--|--------------|-------------------|---|------------------------|
| 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      |
| Other  | OTH          | NullFlavor        | 2.16.840.1.113883.5.1008                              | Anders                 |

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

## 1.8 Example Instances

| Blaasfunctie (urostoma) |  |
|-------------------------|--|
| UrineContinentie        | -  |
| 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) |  |
|-------------------------------------|--|
| UrineContinentie                    | 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:

## 1.16 Functional Model

## 1.17 Traceability to other Standards

## 1.18 Disclaimer

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