

# Health & Care Information Model: nl.zorg.AbilityToUseToilet-v3.1

Final

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# Content

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# 1. nl.zorg.AbilityToUseToilet-v3.1

|                                 |  |
|---------------------------------|--|
| DCM::CoderList                  | Werkgroep RadB Verpleegkundige Gegevens  |
| DCM::ContactInformation.Address | *  |
| DCM::ContactInformation.Name    | *  |
| DCM::ContactInformation.Telecom | *  |
| DCM::ContentAuthorList          | Werkgroep RadB Verpleegkundige Gegevens  |
| DCM::CreationDate               | 4-4-2014   |
| DCM::DeprecatedDate             |  |
| DCM::DescriptionLanguage        | nl   |
| DCM::EndorsingAuthority.Address |  |
| DCM::EndorsingAuthority.Name    | PM   |
| DCM::EndorsingAuthority.Telecom |  |
| DCM::Id                         | 2.16.840.1.113883.2.4.3.11.60.40.3.4.22  |
| DCM::KeywordList                | Toiletgang, ADL, beperking, mictie, defecatie, menstruatie                     |
| DCM::LifecycleStatus            | Final  |
| DCM::ModelerList                | Werkgroep RadB Verpleegkundige Gegevens  |
| DCM::Name                       | nl.zorg.VermogenTotToiletgang  |
| DCM::PublicationDate            | 04-09-2017   |
| DCM::PublicationStatus          | Prepublished   |
| DCM::ReviewerList               | Projectgroep RadB Verpleegkundige Gegevens & Kerngroep Registratie aan de Bron |
| DCM::RevisionDate               | 04-09-2017   |
| DCM::Superseeds                 | nl.zorg.VermogenTotToiletgang-v3.0   |
| DCM::Version                    | 3.1  |
| 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, ZIB-540, ZIB-549

## 1.2 Concept

Being able to urinate, defecate and keep up hygiene during a menstrual cycle independently is part of self-care. Limitations in this ability indicate a reduced ability to cope for oneself.

This activity and activities such as those including eating, getting dressed and bathing are also known as activities of daily living (ADL). These are the activities people go through in daily life. The extent to which a person is able to do all these activities by themselves is a measure for their total ability to do things independently.

## 1.3 Mindmap

## 1.4 Purpose

Information on limitations in a patient's ability to urinate, defecate and keep up their hygiene during their

menstrual cycle is important in determining the nature and intensity of the care the patient needs. In a transfer situation, it gives the receiving organization the ability to anticipate the intensity of the care to be given to the patient, enabling continuity in healthcare for the patient. If policy has been implemented to improve a patient’s ability to do things independently, the entered extent of independence helps to determine the efficiency of the treatment.

## 1.5 Patient Population

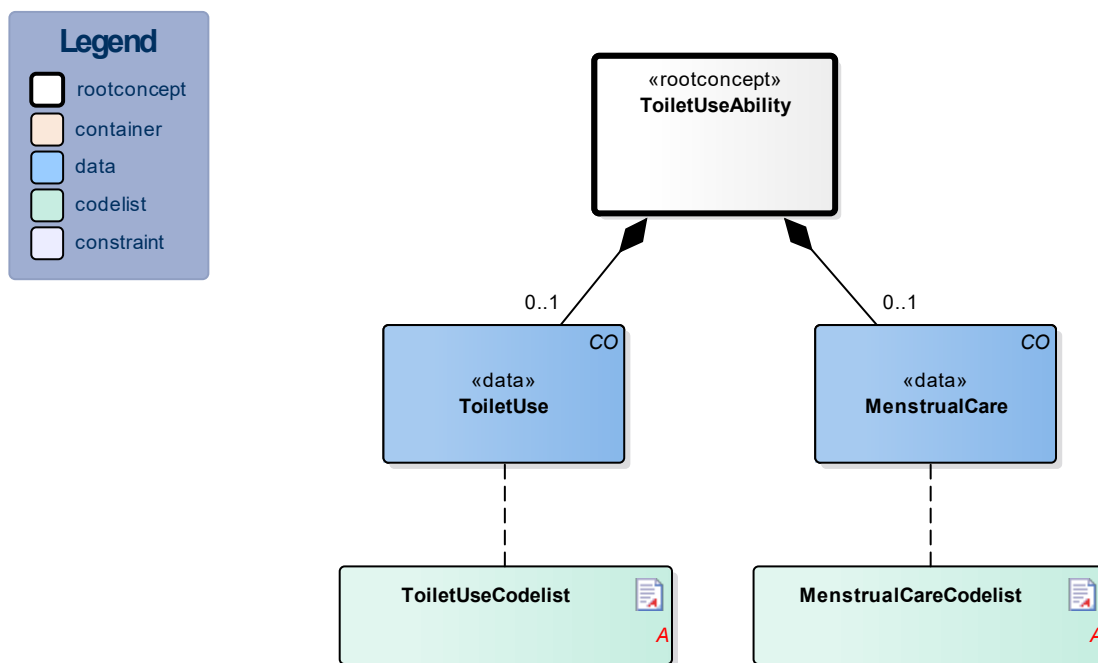
## 1.6 Evidence Base

The definitions of the concepts were (partially) taken from the BarthelIndex definitions.

In addition to this information model, there are other tools to record independence, such as the KATZ-ADL and the BarthelIndex. The KATZ-ADL is mainly used for vulnerable seniors and the BarthelIndex is mainly used for patients who have had a stroke.

This information model evaluates the ability to use the toilet on a three-point scale that is in accordance with this aspect in the BarthelIndex. In the KATZ-ADL, this falls under the aspect of Toilet Hygiene.

## 1.7 Information Model



| «rootconcept»              | ToiletUseAbility  |  |
|----------------------------|---|--|
| <b>Definitie</b>           | Root concept of the ToiletUse information model. This root concept contains all data elements of the ToiletUse information model. |  |
| <b>Datatype</b>            |   |  |
| <b>DCM::ConceptId</b>      | NL-CM:4.22.1  |  |
| <b>DCM::DefinitionCode</b> | SNOMED CT:284779002   |  |
|                            | Ability to perform personal hygiene activity  |  |
| <b>Opties</b>              |   |  |

| «data»              | ToiletUse  |   |
|---------------------|--|---|
| Definitie           | Coordinating and realizing urination or defecation, such as indicating the need, getting into the right position, finding and reaching a suitable spot, manipulating clothing before and after urination, and cleaning up (the body) afterwards. |   |
| Datatype            | CO   |   |
| DCM::ConceptId      | NL-CM:4.22.6   |   |
| DCM::DefinitionCode | SNOMED CT: 284899001<br>Ability to perform toileting activities  |   |
| DCM::ExampleValue   | Zelfstandig  |   |
| DCM::ValueSet       | ToiletUseCodelist  | OID:<br>2.16.840.1.113883.2.4.3.11.60.40.2.4.22.4 |
| Opties              |  |   |

| «data»              | MenstrualCare  |   |
|---------------------|--|---|
| Definitie           | Coordinating, planning and hygiene in the event of menstruation, such as anticipating the menstruation and using sanitary napkins and tampons. |   |
| Datatype            | CO   |   |
| DCM::ConceptId      | NL-CM:4.22.4   |   |
| DCM::DefinitionCode | SNOMED CT:284955009<br>Ability to manage menstrual hygiene   |   |
| DCM::ExampleValue   | Hulp nodig   |   |
| DCM::ValueSet       | MenstrualCareCodelist  | OID:<br>2.16.840.1.113883.2.4.3.11.60.40.2.4.22.3 |
| Opties              |  |   |

| «document»      | ToiletUseCodelist                         |  |
|-----------------|---|--|
| Definitie       |   |  |
| Datatype        |   |  |
| DCM::ValueSetId | 2.16.840.1.113883.2.4.3.11.60.40.2.4.22.4 |  |
| Opties          |   |  |

| ToiletgebruikCodelijst                 |              | OID: 2.16.840.1.113883.2.4.3.11.60.40.2.4.22.4 |                        |                      |
|--|--------------|--|------------------------|----------------------|
| Concept Name                           | Concept Code | CodeSys. Name                                  | CodeSystem OID         | Description          |
| Independent in toilet                  | 129062008    | SNOMED CT                                      | 2.16.840.1.113883.6.96 | Onafhankelijk        |
| Needs help with toilet                 | 129045003    | SNOMED CT                                      | 2.16.840.1.113883.6.96 | Hulp nodig           |
| Unable to perform toileting activities | 284901005    | SNOMED CT                                      | 2.16.840.1.113883.6.96 | Volledig afhankelijk |

| «document»      | MenstrualCareCodelist                     |  |
|-----------------|---|--|
| Definitie       |   |  |
| Datatype        |   |  |
| DCM::ValueSetId | 2.16.840.1.113883.2.4.3.11.60.40.2.4.22.3 |  |
| Opties          |   |  |

| ZorgBijMenstruatieCodelijst |              | OID: 2.16.840.1.113883.2.4.3.11.60.40.2.4.22.3 |                |             |
|-----------------------------|--------------|--|----------------|-------------|
| Concept Name                | Concept Code | CodeSys. Name                                  | CodeSystem OID | Description |

|  |                |           |                        |                      |
|--|----------------|-----------|------------------------|----------------------|
| Independent in managing menstrual hygiene  | 19851000146101 | SNOMED CT | 2.16.840.1.113883.6.96 | Onafhankelijk        |
| Needs help with managing menstrual hygiene | 16661000146105 | SNOMED CT | 2.16.840.1.113883.6.96 | Hulp nodig           |
| Unable to manage menstrual hygiene         | 284957001      | SNOMED CT | 2.16.840.1.113883.6.96 | Volledig afhankelijk |

## 1.8 Example Instances

| VermogenTotToiletgang |               |
|-----------------------|---------------|
| Toiletgebruik         | Onafhankelijk |
| ZorgBijMenstruatie    | Hulp nodig    |

## 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

## 1.16 Functional Model

## 1.17 Traceability to other Standards

## 1.18 Disclaimer

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