

# Health & Care Information Model:

nl.zorg.AbilityToEat-v3.1.1

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# Content

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# 1. nl.zorg.AbilityToEat-v3.1.1

|                                 |  |
|---------------------------------|--|
| DCM::CoderList                  | Werkgroep RadB Verpleegkundige Gegevens  |
| DCM::ContactInformation.Address | *  |
| DCM::ContactInformation.Name    | *  |
| DCM::ContactInformation.Telecom | *  |
| DCM::ContentAuthorList          | Werkgroep RadB Verpleegkundige Gegevens  |
| DCM::CreationDate               | 13-3-2014  |
| DCM::DeprecatedDate             |  |
| DCM::DescriptionLanguage        | nl   |
| DCM::EndorsingAuthority.Address |  |
| DCM::EndorsingAuthority.Name    | PM   |
| DCM::EndorsingAuthority.Telecom |  |
| DCM::Id                         | 2.16.840.1.113883.2.4.3.11.60.40.3.4.7   |
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| DCM::LifecycleStatus            | Final  |
| DCM::ModelerList                | Werkgroep RadB Verpleegkundige Gegevens  |
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| DCM::PublicationStatus          | Prepublished   |
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| DCM::Supersedes                 | nl.zorg.VermogenTotEten-v3.1   |
| DCM::Version                    | 3.1.1  |
| 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 3.1.1 (01-09-2020)

Bevat: ZIB-1115.

## 1.2 Concept

Being able to independently prepare and consume food 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 drinking, 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 make and eat their own food is important in determining

the nature and intensity of the care the patient needs. In a transfer situation, it offers 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

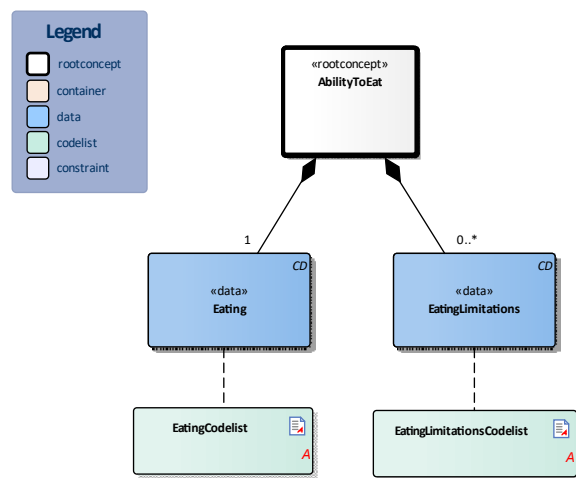
## 1.6 Evidence Base

The definitions of the concepts were (partially) taken from the ICNP 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 eat on a three-point scale. In the KATZ-ADL and in the BarthelIndex, this falls under the aspect of Self-feeding. In these two tools, the ability is scored on a scale with fewer points.

## 1.7 Information Model



|                       |   |  |
|-----------------------|---|--|
| <b>«rootconcept»</b>  | <b>AbilityToEat</b>   |  |
| <b>Definitie</b>      | Root concept of the AbilityToEat information model. This root concept contains all data elements of the AbilityToEat information model. |  |
| <b>Datatype</b>       |   |  |
| <b>DCM::ConceptId</b> | NL-CM:4.7.1   |  |
| <b>Opties</b>         |   |  |

|                            |  |                |
|----------------------------|--|----------------|
| <b>«data»</b>              | <b>Eating</b>  |                |
| <b>Definitie</b>           | Feeding oneself: bringing food to the mouth and feeding oneself until satisfied. |                |
| <b>Datatype</b>            |  |                |
| <b>DCM::ConceptId</b>      | NL-CM:4.7.3  |                |
| <b>DCM::DefinitionCode</b> | SNOMED CT:288883002  | Ability to eat |

|                          |                |  |
|--------------------------|----------------|--|
| <b>DCM::ExampleValue</b> | Onafhankelijk  |  |
| <b>DCM::ValueSet</b>     | EatingCodelist | OID:<br>2.16.840.1.113883.2.4.3.11.60.40.2.4.7.1 |
| <b>Opties</b>            |                |  |

|                            |   |  |
|----------------------------|---|--|
| <b>«data»</b>              | <b>EatingLimitations</b>  |  |
| <b>Definitie</b>           | Eating constraints specify the patient's constraints in eating. |  |
| <b>Datatype</b>            |   |  |
| <b>DCM::ConceptId</b>      | NL-CM:4.7.4   |  |
| <b>DCM::DefinitionCode</b> | SNOMED CT: 288843005<br>Eating abilities                        |  |
| <b>DCM::ExampleValue</b>   | Eetgerei hanteren   |  |
| <b>DCM::ValueSet</b>       | EatingLimitationsCodelist                                       | OID:<br>2.16.840.1.113883.2.4.3.11.60.40.2.4.7.2 |
| <b>Opties</b>              |   |  |

|                               |  |  |
|-------------------------------|--|--|
| <b>«document»</b>             | <b>EatingCodelist</b>                    |  |
| <b>Definitie</b>              |  |  |
| <b>Datatype</b>               |  |  |
| <b>DCM::ValueSetBinding</b>   | Required                                 |  |
| <b>DCM::ValueSetId</b>        | 2.16.840.1.113883.2.4.3.11.60.40.2.4.7.1 |  |
| <b>HCIM::ValueSetLanguage</b> | --                                       |  |
| <b>Opties</b>                 |  |  |

| <b>EtenCodelijst</b> |              | <b>OID: 2.16.840.1.113883.2.4.3.11.60.40.2.4.7.1</b> |                        |                      |
|----------------------|--------------|--|------------------------|----------------------|
| Concept Name         | Concept Code | CodeSys. Name  | CodeSystem OID         | Description          |
| Independent feeding  | 165224005    | SNOMED CT  | 2.16.840.1.113883.6.96 | Onafhankelijk        |
| Feeding assisted     | 129033007    | SNOMED CT  | 2.16.840.1.113883.6.96 | Hulp nodig           |
| Unable to feed self  | 289001005    | SNOMED CT  | 2.16.840.1.113883.6.96 | Volledig afhankelijk |

|                               |  |  |
|-------------------------------|--|--|
| <b>«document»</b>             | <b>EatingLimitationsCodelist</b>         |  |
| <b>Definitie</b>              |  |  |
| <b>Datatype</b>               |  |  |
| <b>DCM::ValueSetBinding</b>   | Required                                 |  |
| <b>DCM::ValueSetId</b>        | 2.16.840.1.113883.2.4.3.11.60.40.2.4.7.2 |  |
| <b>HCIM::ValueSetLanguage</b> | --                                       |  |
| <b>Opties</b>                 |  |  |

| <b>EetBeperkingenCodelijst</b>        |              | <b>OID: 2.16.840.1.113883.2.4.3.11.60.40.2.4.7.2</b> |                        |                      |
|---------------------------------------|--------------|--|------------------------|----------------------|
| ConceptName                           | Concept Code | CodeSys. Name  | CodeSystem OID         | Description          |
| Difficulty taking food to mouth       | 289010002    | SNOMED CT  | 2.16.840.1.113883.6.96 | Naar de mond brengen |
| Difficulty using cutlery to feed self | 289046006    | SNOMED CT  | 2.16.840.1.113883.6.96 | Eetgerei hanteren    |
| Difficulty cutting up food            | 289078003    | SNOMED CT  | 2.16.840.1.113883.6.96 | Snijden/openen       |

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

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

## 1.8 Example Instances

| VermogenTotEten |                   |
|-----------------|-------------------|
| Eten            | Hulp nodig        |
| EetBeperkingen  | Snijden/openen    |
|                 | Eetgerei hanteren |

## 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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