

Health & Care Information Model: nl.zorg.SNAQScore-v3.2

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1. nl.zorg.SNAQScore-v3.2

| | |
|---------------------------------|--|
| DCM::CoderList | Werkgroep RadB Verpleegkundige Gegevens |
| DCM::ContactInformation.Address | * |
| DCM::ContactInformation.Name | * |
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| DCM::ContentAuthorList | Werkgroep RadB Verpleegkundige Gegevens |
| DCM::CreationDate | 12-2-2014 |
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| DCM::DescriptionLanguage | nl |
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| DCM::EndorsingAuthority.Name | zorg |
| DCM::EndorsingAuthority.Telecom | |
| DCM::Id | 2.16.840.1.113883.2.4.3.11.60.40.3.4.6 |
| DCM::KeywordList | Ondervoeding, ondervoedingscore, SNAQ, malnutrition |
| DCM::LifecycleStatus | Final |
| DCM::ModelerList | Werkgroep RadB Verpleegkundige Gegevens |
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| DCM::PublicationStatus | Prepublished |
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| DCM::Supersedes | nl.zorg.SNAQScore-v3.1 |
| DCM::Version | 3.2 |
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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-523

Publicatieversie 3.2 (29-01-2020)

Bevat: ZIB-931.

1.2 Concept

The Short Nutritional Assessment Questionnaire (SNAQ) is a (validated) measuring tool for determining the extent of a patient's malnutrition. The tool comprises three questions, each of which is assigned a score. The total score determines the extent of malnutrition.

The SNAQ helps to recognize and treat malnutrition at an early stage.

Three varieties of the measuring tool were developed for different care settings: hospitals, nursing and retirement homes and independently living seniors. This concept describes the tool intended for the hospital setting.

1.3 Mindmap

1.4 Purpose

The SNAQ score is used to determine the extent of malnutrition or the risk of malnutrition. To treat malnutrition quickly and effectively, it is important to identify the malnutrition at an early stage.

1.5 Patient Population

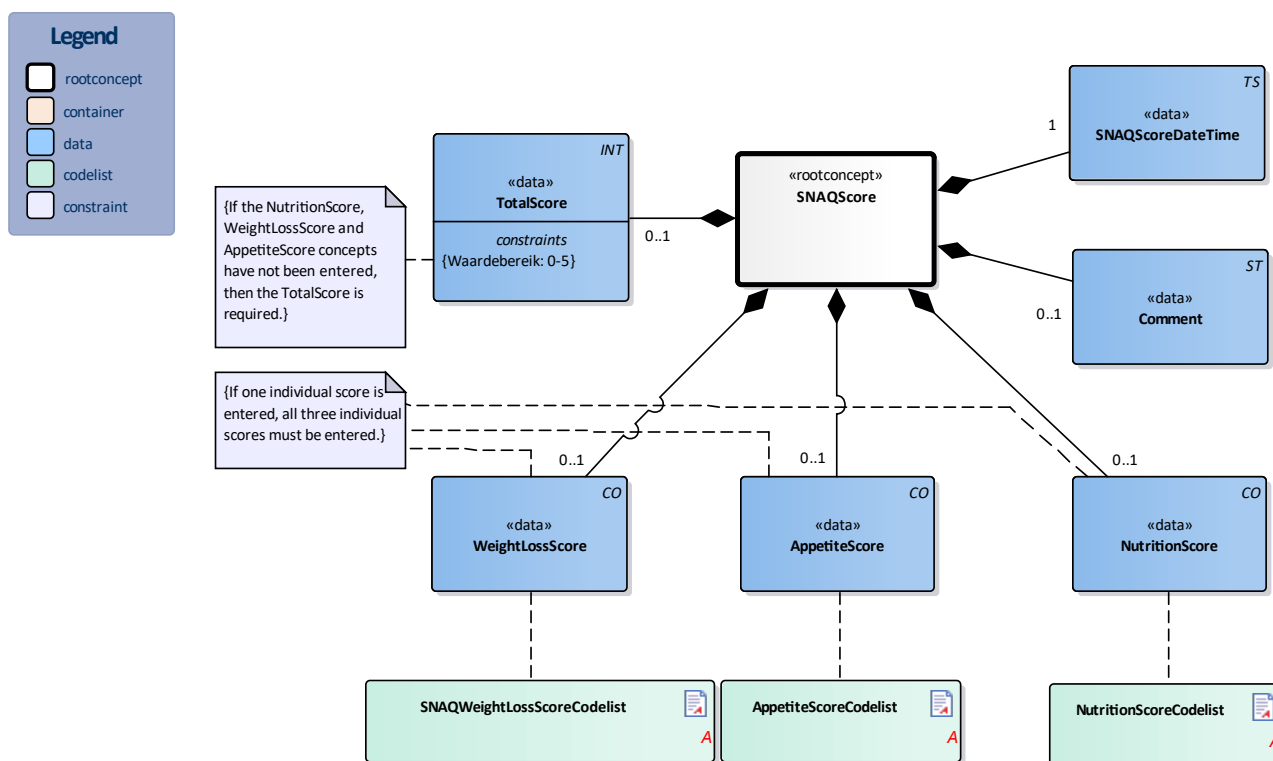
The SNAQ is meant for patients over 18 years of age who are staying at the hospital.

1.6 Evidence Base

To determine the extent of malnutrition, SNAQ has a number of tools, validated for different settings:

- The SNAQ was developed for adults admitted to hospital
- The SNAQ65+ was developed for the group of seniors (> over 65) who live at home and who may make use of care at home.
- The SNAQrc (Short Nutritional Assessment Questionnaire for Residential Care) is available for screening for malnutrition in nursing and retirement homes.
- The STRONGkids tool is available for screening for malnutrition among children.

1.7 Information Model



| «rootconcept» | SNAQScore | |
|----------------------------|---|--|
| Definitie | Root concept of the SNAQScore information model. This root concept contains all data elements of the SNAQScore information model. | |
| Datatype | | |
| DCM::ConceptId | NL-CM:4.6.1 | |
| DCM::DefinitionCode | SNOMED CT: 8881000146104 Short Nutritional Assessment Questionnaire | |
| Opties | | |

| «data» | WeightLossScore | |
|------------------|--|--|
| Definitie | The score based on undesired weight loss over the past month(s). | |

| | | |
|----------------------------|--|--|
| Datatype | CO | |
| DCM::ConceptId | NL-CM:4.6.3 | |
| DCM::DefinitionCode | ScoreObservaties: 4006003 SNAQScore WeightLossScore | OID: 2.16.840.1.113883.2.4.3.11.60.40.4.0.1 |
| DCM::ValueSet | SNAQWeightLossScoreCodelist | OID: 2.16.840.1.113883.2.4.3.11.60.40.2.4.6.1 |
| Opties | | |

| | | |
|----------------------------|--|--|
| «data» | AppetiteScore | |
| Definitie | The score based on a reduced appetite over the past month. | |
| Datatype | CO | |
| DCM::ConceptId | NL-CM:4.6.4 | |
| DCM::DefinitionCode | ScoreObservaties: 4006004 SNAQScore AppetiteScore | OID: 2.16.840.1.113883.2.4.3.11.60.40.4.0.1 |
| DCM::ValueSet | AppetiteScoreCodelist | OID: 2.16.840.1.113883.2.4.3.11.60.40.2.4.6.2 |
| Opties | | |

| | | |
|----------------------------|---|--|
| «data» | NutritionScore | |
| Definitie | The score based on the use of fluid or enteral nutrition over the past month. | |
| Datatype | CO | |
| DCM::ConceptId | NL-CM:4.6.5 | |
| DCM::DefinitionCode | ScoreObservaties: 4006005 SNAQScore NutritionScore | OID: 2.16.840.1.113883.2.4.3.11.60.40.4.0.1 |
| DCM::ValueSet | NutritionScoreCodelist | OID: 2.16.840.1.113883.2.4.3.11.60.40.2.4.6.3 |
| Opties | | |

| | | |
|----------------------------|--|--|
| «data» | TotalScore | |
| Definitie | The total score is the sum of all the individual scores. The total score has a range from 0 - 5. | |
| Datatype | INT | |
| DCM::ConceptId | NL-CM:4.6.2 | |
| DCM::DefinitionCode | SNOMED CT: 108911000146107 Short Nutritional Questionnaire total score | |
| Opties | | |

| | | |
|-------------------|-------------------|-----------------------------------|
| Constraint | Waardebereik: 0-5 | Voeg hier de Engelse definitie in |
|-------------------|-------------------|-----------------------------------|

| | | |
|-----------------------|---|--|
| «data» | SNAQScoreDateTime | |
| Definitie | The date and time at which the SNAQ score was determined. | |
| Datatype | TS | |
| DCM::ConceptId | NL-CM:4.6.6 | |
| Opties | | |

| | | |
|----------------------------|--|--|
| «data» | Comment | |
| Definitie | A comment on the circumstances during the measurement. | |
| Datatype | ST | |
| DCM::ConceptId | NL-CM:4.6.7 | |
| DCM::DefinitionCode | LOINC: 48767-8 Annotation comment | |

| | |
|---------------|--|
| Opties | |
|---------------|--|

| | | |
|-----------------------------|--|--|
| «document» | SNAQWeightLossScoreCodelist | |
| Definitie | | |
| Datatype | | |
| DCM::ValueSetBinding | Required | |
| DCM::ValueSetId | 2.16.840.1.113883.2.4.3.11.60.40.2.4.6.1 | |
| Opties | | |

| SNAQGewichtsverliesScoreCodelijst | | | OID: 2.16.840.1.113883.2.4.3.11.60.40.2.4.6.1 | | |
|--|---------------|--------------|--|--|---------------------------------------|
| Concept Name | Concept Value | Concept Code | CodeSys. Name | CodeSystem OID | Description |
| LossLow | 0 | G0 | SNAQ_Gewichtsverlies | 2.16.840.1.113883.2.4.3.11.60.40.4.5.1 | Geen gewichtverlies |
| LossAverage | 2 | G1 | SNAQ_Gewichtsverlies | 2.16.840.1.113883.2.4.3.11.60.40.4.5.1 | Meer dan 3 kg in de laatste maand |
| LossHigh | 3 | G2 | SNAQ_Gewichtsverlies | 2.16.840.1.113883.2.4.3.11.60.40.4.5.1 | Meer dan 6 kg in de laatste 6 maanden |

| | | |
|-----------------------------|--|--|
| «document» | AppetiteScoreCodelist | |
| Definitie | | |
| Datatype | | |
| DCM::ValueSetBinding | Required | |
| DCM::ValueSetId | 2.16.840.1.113883.2.4.3.11.60.40.2.4.6.2 | |
| Opties | | |

| EetlustScoreCodelijst | | | OID: 2.16.840.1.113883.2.4.3.11.60.40.2.4.6.2 | | |
|------------------------------|---------------|--------------|--|--|--|
| Concept Name | Concept Value | Concept Code | CodeSys. Name | CodeSystem OID | Description |
| Eetlust | 0 | B0 | SNAQ_Eetlust | 2.16.840.1.113883.2.4.3.11.60.40.4.5.2 | Normale eetlust |
| GeenEetlust | 1 | B1 | SNAQ_Eetlust | 2.16.840.1.113883.2.4.3.11.60.40.4.5.2 | Verminderde eetlust de afgelopen maand |

| | | |
|-----------------------------|--|--|
| «document» | NutritionScoreCodelist | |
| Definitie | | |
| Datatype | | |
| DCM::ValueSetBinding | Required | |
| DCM::ValueSetId | 2.16.840.1.113883.2.4.3.11.60.40.2.4.6.3 | |
| Opties | | |

| VoedingsScoreCodelijst | | | OID: 2.16.840.1.113883.2.4.3.11.60.40.2.4.6.3 | | |
|-------------------------------|---------------|--------------|--|--|--|
| Concept Name | Concept Value | Concept Code | CodeSys. Name | CodeSystem OID | Description |
| GeenVoeding | 0 | Z0 | SNAQ_Voeding | 2.16.840.1.113883.2.4.3.11.60.40.4.5.3 | Geen drink- of sondevoeding |
| Voeding | 1 | Z1 | SNAQ_Voeding | 2.16.840.1.113883.2.4.3.11.60.40.4.5.3 | Drink- of sondevoeding in de afgelopen maand |

| | Legend |
|-----------|--------|
| Definitie | |
| Datatype | |
| Opties | |

1.8 Example Instances

| SNAQScore | |
|----------------------|--|
| SNAQScoreDatumTijd | 27-01-2013 |
| GewichtsverliesScore | 3 (Meer dan 6 kg in de laatste 6 maanden) |
| EetlustScore | 1 (Verminderde eetlust de afgelopen maand) |
| VoedingsScore | 0 (Geen drink- of sondevoeding) |
| TotaalScore | 4 |
| Toelichting | - |

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. Stuurgroep Ondervoeding [Online] Beschikbaar op: <http://www.stuurgroepondervoeding.nl/>
[Geraadpleegd: 13 februari 2015]

1.16 Functional Model

1.17 Traceability to other Standards

1.18 Disclaimer

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