

Health & Care Information Model: nl.zorg.SNAQrcScore-v1.0

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1. nl.zorg.SNAQrcScore-v1.0

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1.1 Revision History

Publicatieversie 1.0 (04-09-2017)

1.2 Concept

The Short Nutritional Assessment Questionnaire for Residential Care (SNAQ rc 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 SNAQrc helps to recognize and treat malnutrition at an early stage.

Four varieties of the measuring tool were developed for different care settings: hospitals (adults & children), nursing and retirement homes and independently living seniors. This concept describes the tool intended for the nursing and retirement homes setting.

1.3 Mindmap

1.4 Purpose

The SNAQrcscore 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

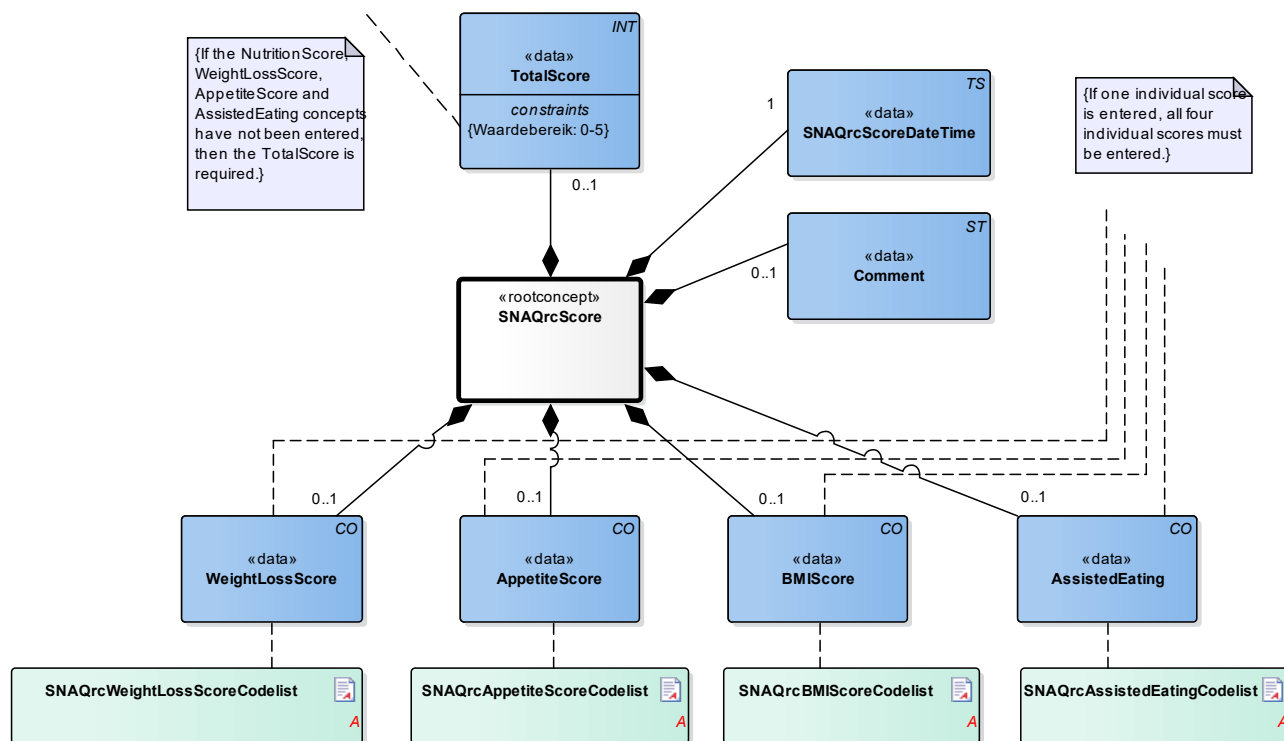
The SNAQrc is meant for patients over 18 years of age who are staying in nursing and retirement homes.

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»	SNAQrcScore	
Definitie	Root concept of the SNAQrcScore information model. This root concept contains all data elements of the SNAQrcScore information model.	
Datatype		
DCM::ConceptId	NL-CM:4.29.1	
Opties		

«data»	WeightLossScore	
Definitie	The score based on undesired weight loss over the past month(s).	
Datatype	CO	
DCM::ConceptId	NL-CM:4.29.3	
DCM::ValueSet	SNAQrcWeightLossScoreCodeList	OID: 2.16.840.1.113883.2.4.3.11.60.40.2.4.29.1

Opties	
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«data»	AppetiteScore	
Definitie	The score based on a reduced appetite over the past month.	
Datatype	CO	
DCM::ConceptId	NL-CM:4.29.4	
DCM::ValueSet	SNAQrcAppetiteScoreCodeList	OID: 2.16.840.1.113883.2.4.3.11.60.40.2.4.29.2
Opties		

«data»	BMIScore	
Definitie	The score based on the BMI of the patient. For a BMI >28 (overweight) the score is not applicable.	
Datatype	CO	
DCM::ConceptId	NL-CM:4.29.5	
DCM::ValueSet	SNAQrcBMIScoreCodeList	OID: 2.16.840.1.113883.2.4.3.11.60.40.2.4.29.3
Opties		

«data»	AssistedEating	
Definitie	The score based on the ability of the patient to eat and drink without assistance.	
Datatype	CO	
DCM::ConceptId	NL-CM:4.29.8	
DCM::ValueSet	SNAQrcAssistedEatingCodeList	OID: 2.16.840.1.113883.2.4.3.11.60.40.2.4.29.4
Opties		

«data»	TotalScore	
Definitie	The total score is the sum of all the individual scores. The total score has a range from 0 - 5. The relation between the value of the total score and the color outcome of the score tool is: 0 = green 1 = orange 2 and higher = red.	
Datatype	INT	
DCM::ConceptId	NL-CM:4.29.2	
Opties		

Constraint	Waardebereik: 0-5	Voeg hier de Engelse definitie in
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«data»	SNAQrcScoreDateTime	
Definitie	The date and time at which the SNAQrc score was determined.	
Datatype	TS	
DCM::ConceptId	NL-CM:4.29.6	
Opties		

«data»	Comment
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Definitie	A comment on the circumstances during the measurement.	
Datatype	ST	
DCM::ConceptId	NL-CM:4.29.7	
DCM::DefinitionCode	LOINC: 48767-8 Annotation comment	
Opties		

«document»	SNAQrcWeightLossScoreCodelist	
Definitie		
Datatype		
DCM::ValueSetBinding	Required	
DCM::ValueSetId	2.16.840.1.113883.2.4.3.11.60.40.2.4.29.1	
Opties		

SNAQrcGewichtsverliesScoreCodelijst			OID: 2.16.840.1.113883.2.4.3.11.60.40.2.4.29.1		
Concept Name	Concept Value	Concept Code	CodeSys. Name	CodeSystem OID	Description
LossLow	0	G0	SNAQrc_Gewichtsverlies	2.16.840.1.113883.2.4.3.11.60.40.4.19.1	Geen gewichtsverlies
LossAverage	2	G1	SNAQrc_Gewichtsverlies	2.16.840.1.113883.2.4.3.11.60.40.4.19.1	Meer dan 6 kg in de laatste 6 maanden
LossHigh	2	G2	SNAQrc_Gewichtsverlies	2.16.840.1.113883.2.4.3.11.60.40.4.19.1	Meer dan 3 kg in de laatste maand

«document»	SNAQrcAppetiteScoreCodelist	
Definitie		
Datatype		
DCM::ValueSetBinding	Required	
DCM::ValueSetId	2.16.840.1.113883.2.4.3.11.60.40.2.4.29.2	
Opties		

SNAQrcEetlustScoreCodelijst			OID: 2.16.840.1.113883.2.4.3.11.60.40.2.4.29.2		
Concept Name	Concept Value	Concept Code	CodeSys. Name	CodeSystem OID	Description
Eetlust	0	B0	SNAQrc_Eetlust	2.16.840.1.113883.2.4.3.11.60.40.4.19.2	Normale eetlust
GeenEetlust	1	B1	SNAQrc_Eetlust	2.16.840.1.113883.2.4.3.11.60.40.4.19.2	Verminderde eetlust de afgelopen maand

«document»	SNAQrcBMIScoreCodelist	
Definitie		
Datatype		
DCM::ValueSetBinding	Required	
DCM::ValueSetId	2.16.840.1.113883.2.4.3.11.60.40.2.4.29.3	
Opties		

SNAQrcBMIScoreCodelijst			OID: 2.16.840.1.113883.2.4.3.11.60.40.2.4.29.3		
Concept Name	Concept Value	Concept Code	CodeSys. Name	CodeSystem OID	Description

Ondergewicht	2	B2	SNAQrc_BMI	2.16.840.1.113883.2.4.3.11.60.40.4.19.3	Ondergewicht (BMI<20)
TeLicht	1	B1	SNAQrc_BMI	2.16.840.1.113883.2.4.3.11.60.40.4.19.3	Te Licht (20 <=BMI <22)
Gezond	0	B0	SNAQrc_BMI	2.16.840.1.113883.2.4.3.11.60.40.4.19.3	Gezond (22 <=BMI <28)

«document»		SNAQrcAssistedEatingCodelist			
Definitie					
Datatype					
DCM::ValueSetBinding		Required			
DCM::ValueSetId		2.16.840.1.113883.2.4.3.11.60.40.2.4.29.4			
Opties					
SNAQrcHulpBijEtenCodelijst			OID: 2.16.840.1.113883.2.4.3.11.60.40.2.4.29.4		
Concept Name	Concept Value	Concept Code	CodeSys. Name	CodeSystem OID	Description
Independent feeding	0	165224005	SNOMED CT	2.16.840.1.113883.6.96	Onafhankelijk
Feeding assisted	1	129033007	SNOMED CT	2.16.840.1.113883.6.96	Hulp nodig

1.8 Example Instances

SNAQ ^{RC} score (verpleeghuis)		
Datum	27-01-2013	
Opmerking		
Item	Score	Beschrijving
Gewichtsverlies	2	Meer dan 6 kg in de laatste 6 maanden
BMI	1	BMI tussen 20-22 kg/m ³
Eetlust	1	Verminderde eetlust
Hulp bij eten	0	Geen hulp bij eten
Totaalscore	Score	Scorekleur
SNAQ ^{RC} Score	4	Rood

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: 16 december 2016]

1.16 Functional Model

1.17 Traceability to other Standards

1.18 Disclaimer

This Health and Care Information Model (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 this Health and Care Information Model. 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 this 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.

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