

Health & Care Information Model: nl.zorg.SNAQ65+Score-v1.0

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1. nl.zorg.SNAQ65+Score-v1.0

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1.1 Revision History

Publicatieversie 1.0 (04-09-2017)

1.2 Concept

The Short Nutritional Assessment Questionnaire 65+ (SNAQ65+) is a (validated) measuring tool for determining the extent of a patient's malnutrition. The tool comprises a number of 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 (adults and children), nursing and retirement homes and independently living seniors. This concept describes the tool intended for the setting of independently living elderly.

1.3 Mindmap

1.4 Purpose

The SNAQ65+ 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

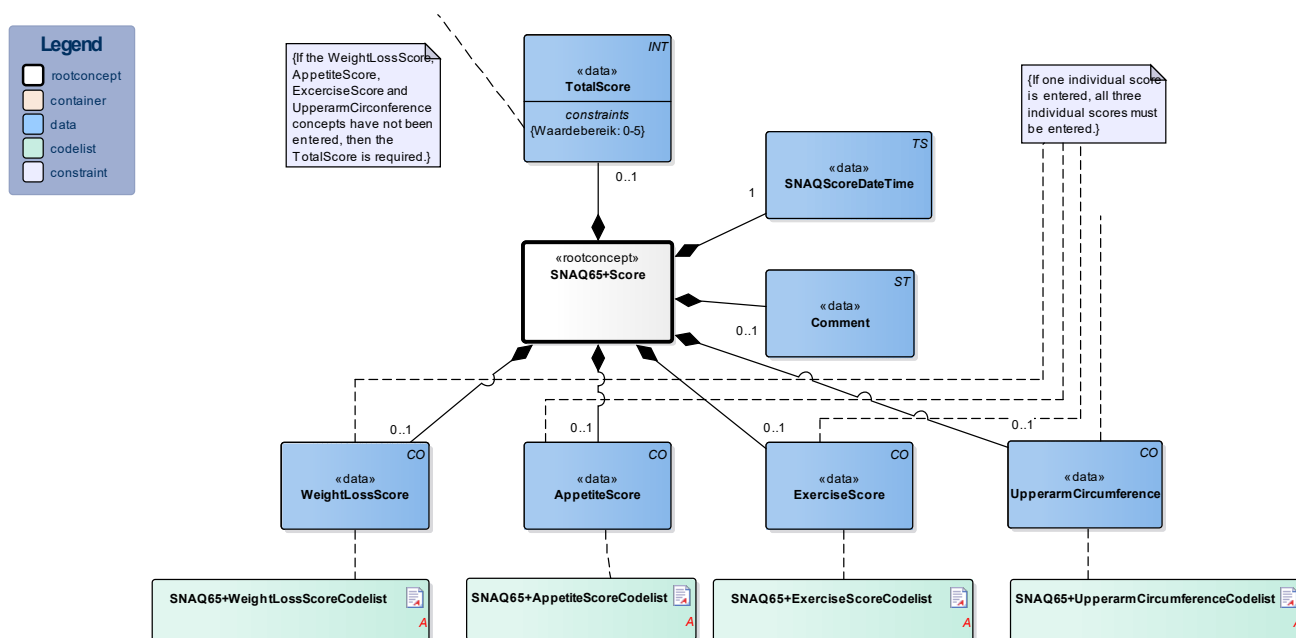
The SNAQ is meant for patients over 65 years of age who are living independently in their own environment

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 ⁶⁵⁺ SNAQ was developed for the group of seniors (> over 65) who live at home and who may make use of care at home.
- The SNAQ^{RC} (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»	SNAQ65+Score
Definitie	Root concept of the SNAQ65+Score information model. This root concept contains all data elements of the SNAQ65+Score information model.
Datatype	
DCM::ConceptId	NL-CM:4.30.1
Opties	

«data»	WeightLossScore
Definitie	The score based on undesired weight loss over the past six months.
Datatype	CO
DCM::ConceptId	NL-CM:4.30.3

DCM::ValueSet	SNAQ65+WeightLossScoreCodeList	OID: 2.16.840.1.113883.2.4.3.11.60.40.2.4.30.1
Opties		

«data»	UpperarmCircumference	
Definitie	The score based on circumference of the upper arm.	
Datatype	CO	
DCM::ConceptId	NL-CM:4.30.8	
DCM::ValueSet	SNAQ65+UpperarmCircumferenceCodeList	OID: 2.16.840.1.113883.2.4.3.11.60.40.2.4.30.4
Opties		

«data»	AppetiteScore	
Definitie	The score based on a reduced appetite over the past month.	
Datatype	CO	
DCM::ConceptId	NL-CM:4.30.4	
DCM::ValueSet	SNAQ65+AppetiteScoreCodeList	OID: 2.16.840.1.113883.2.4.3.11.60.40.2.4.30.2
Opties		

«data»	ExerciseScore	
Definitie	The score based on the ability to perform exercise like climbing stairs without rest or to walk for five minute without rest.	
Datatype	CO	
DCM::ConceptId	NL-CM:4.30.5	
DCM::ValueSet	SNAQ65+ExerciseScoreCodeList	OID: 2.16.840.1.113883.2.4.3.11.60.40.2.4.30.3
Opties		

«data»	TotalScore	
Definitie	The total score is the sum of all the individual scores. The total score has a range from 0 - 5. The relation between the value of the total score and the color outcome of the score tool is: 0-1 = green 2= orange 3 and higher = red.	
Datatype	INT	
DCM::ConceptId	NL-CM:4.30.2	
Opties		
Constraint	Waardebereik: 0-5	Voeg hier de Engelse definitie in

«data»	SNAQScoreDateTime	
Definitie	The date and time at which the SNAQ65+ score was determined.	
Datatype	TS	
DCM::ConceptId	NL-CM:4.30.6	
Opties		

«data»	Comment	
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Definitie	A comment on the circumstances during the measurement.	
Datatype	ST	
DCM::ConceptId	NL-CM:4.30.7	
DCM::DefinitionCode	LOINC: 48767-8 Annotation comment	
Opties		

«document»	SNAQ65+WeightLossScoreCodelist	
Definitie		
Datatype		
DCM::ValueSetId	2.16.840.1.113883.2.4.3.11.60.40.2.4.30.1	
Opties		

SNAQ65+GewichtsverliesScoreCodelijst			OID: 2.16.840.1.113883.2.4.3.11.60.40.2.4.30.1		
Concept Name	Concept Value	Concept Code	CodeSys. Name	CodeSystem OID	Description
LossLow	0	G0	SNAQ65+_Gewichtsverlies	2.16.840.1.113883.2.4.3.11.60.40.4.18.1	Minder dan 4kg in de laatste maand
LossHigh	3	G2	SNAQ65+_Gewichtsverlies	2.16.840.1.113883.2.4.3.11.60.40.4.18.1	Meer dan 4kg in de laatste maand

«document»	SNAQ65+UpperarmCircumferenceCodelist	
Definitie		
Datatype		
DCM::ValueSetId	2.16.840.1.113883.2.4.3.11.60.40.2.4.30.4	
Opties		

SNAQ65+BovenarmOmtrekScoreCodelijst			OID: 2.16.840.1.113883.2.4.3.11.60.40.2.4.30.4		
Concept Name	Concept Value	Concept Code	CodeSys. Name	CodeSystem OID	Description
Normaal	0	A0	SNAQ65+_BovenarmOmtrek	2.16.840.1.113883.2.4.3.11.60.40.4.18.4	Omtrek >= 25cm
Klein	3	A1	SNAQ65+_BovenarmOmtrek	2.16.840.1.113883.2.4.3.11.60.40.4.18.4	Omtrek < 25cm

«document»	SNAQ65+AppetiteScoreCodelist	
Definitie		
Datatype		
DCM::ValueSetId	2.16.840.1.113883.2.4.3.11.60.40.2.4.30.2	
Opties		

SNAQ65+EetlustScoreCodelijst			OID: 2.16.840.1.113883.2.4.3.11.60.40.2.4.30.2		
Concept Name	Concept Value	Concept Code	CodeSys. Name	CodeSystem OID	Description
Eetlust	0	B0	SNAQ65+_Eetlust	2.16.840.1.113883.2.4.3.11.60.40.4.18.2	Normale eetlust
GeenEetlust	1	B1	SNAQ65+_Eetlust	2.16.840.1.113883.2.4.3.11.60.40.4.18.2	Verminderde eetlust de afgelopen week

«document»		SNAQ65+ExerciseScoreCodelist			
Definitie					
Datatype					
DCM::ValueSetId		2.16.840.1.113883.2.4.3.11.60.40.2.4.30.3			
Opties					
SNAQ65+InspanningsScoreCodelist		OID: 2.16.840.1.113883.2.4.3.11.60.40.2.4.30.3			
Concept Name	Concept Value	Concept Code	CodeSys. Name	CodeSystem OID	Description
Mogelijk	0	In0	SNAQ65+_Inspanning	2.16.840.1.113883.2.4.3.11.60.40.4.18.3	In staat tot fysieke inspanning
NietMogelijk	1	In1	SNAQ65+_Inspanning	2.16.840.1.113883.2.4.3.11.60.40.4.18.3	Niet in staat tot fysieke inspanning

1.8 Example Instances

SNAQ⁶⁵⁺ score (eerstelijnszorg en thuiszorg)		
Datum	27-01-2016	
Opmerking		
Item	Score	Beschrijving
Gewichtsverlies	3	4 kg of meer in de laatste 6 maanden
Eetlust	0	Normale eetlust
Inspanning	0	Geen verminderde functionaliteit
Bovenarmomtrek	3	Minder dan 25 cm
Totaalscore	Score	Scorekleur
SNAQ ⁶⁵⁺ Score	6	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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