Health & Care Information Model:

nl.zorg.StrongKidsScore-v1.0

Final

Managed by:

Better health
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Nictiz

Content

1. nl.zorg.StrongKidsScore-v1.0

DCM::CoderList	Werkgroep RadB Verpleegkundige Gegevens
DCM::ContactInformation.Address	*
DCM::ContactInformation.Name	*
DCM::ContactInformation.Telecom	*
DCM::ContentAuthorList	Werkgroep RadB Verpleegkundige Gegevens
DCM::CreationDate	28-7-2016
DCM::DeprecatedDate	
DCM::DescriptionLanguage	nl
DCM::EndorsingAuthority.Address	
DCM::EndorsingAuthority.Name	zorg
DCM::EndorsingAuthority.Telecom	
DCM::Id	2.16.840.1.113883.2.4.3.11.60.40.3.4.28
DCM::KeywordList	Ondervoeding, ondervoedingsscore, StrongKids, malnutrition
DCM::LifecycleStatus	Final
DCM::ModelerList	Werkgroep RadB Verpleegkundige Gegevens
DCM::Name	nl.zorg.StrongKidsScore
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DCM::ReviewerList	Projectgroep RadB Verpleegkundige Gegevens & Kerngroep Registratie aan de Bron
DCM::RevisionDate	04-09-2017
DCM::Superseeds	
DCM::Version	1.0
HCIM::PublicationLanguage	EN

1.1 Revision History

Publicatieversie 1.0 (04-09-2017)

1.2 Concept

The StrongKids score is a (validated) measuring tool for determining the extent of a child's malnutrition. StrongKids is developed to recognize and treat malnutrition in children aged > 1 month to 18 years in a hospital setting.
The tool comprises four questions, each of which is assigned a score. The total score determines the extent of malnutrition.
(STRONGkids= Screening Tool Risk On Nutritional Status and Growth)

1.3 Mindmap

1.4 Purpose

The StrongKids 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 StrongKids screening is meant for patients aged 1 month to 18 years of age who are admitted to the
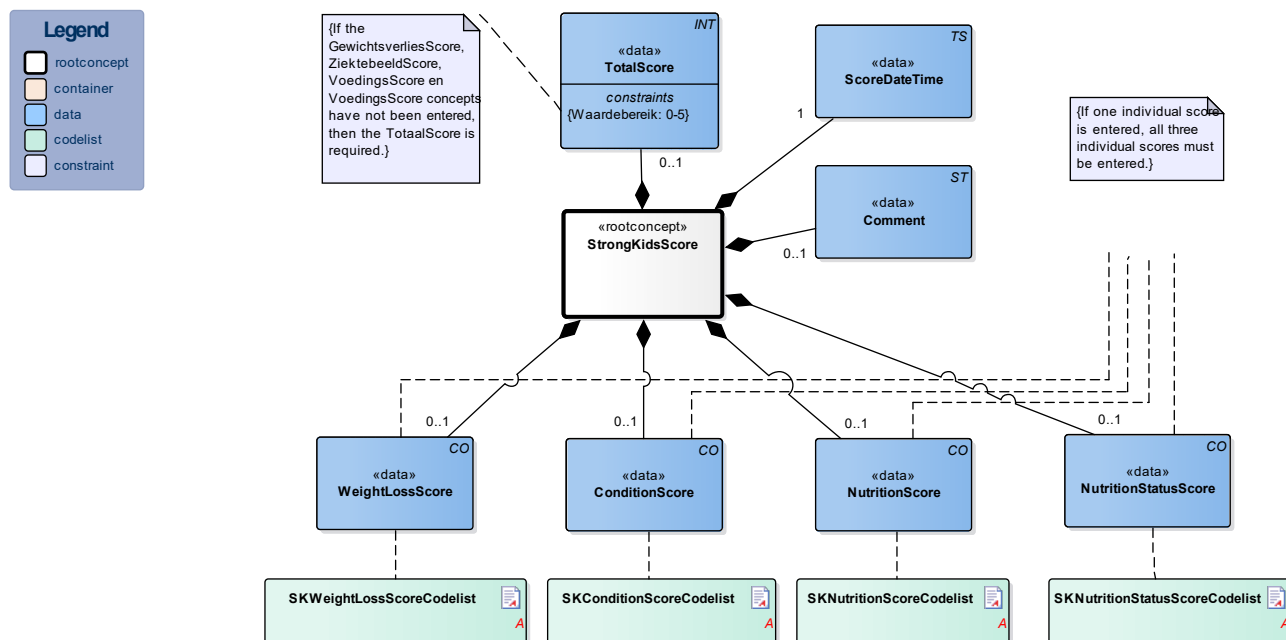
hospital.

1.6 Evidence Base

To determine the extent of malnutrition, a number of tools are available, validated for different settings:

- The SNAQ was developed for adults admitted to a 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»	StrongKidsScore
Definitie	Root concept of the StrongKidsScore information model. This root concept contains all data elements of the StrongKidsScore information model.
Datatype	
DCM::ConceptId	NL-CM:4.28.1
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:4.28.2	
Opties		

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

«data»	ScoreDateTime	
Definitie	The date and time at which the StrongKids score was determined.	
Datatype	TS	
DCM::ConceptId	NL-CM:4.28.6	
Opties		

«data»	Comment	
Definitie	A comment on the circumstances during the measurement.	
Datatype	ST	
DCM::ConceptId	NL-CM:4.28.7	
DCM::DefinitionCode	LOINC: 48767-8 Annotation comment	
Opties		

«data»	WeightLossScore	
Definitie	The score based on undesired weight loss or arrest in growth or weight gain over the past weeks to month(s).	
Datatype	CO	
DCM::ConceptId	NL-CM:4.28.3	
DCM::ValueSet	SKWeightLossScoreCodelist	OID: 2.16.840.1.113883.2.4.3.11.60.40.2.4.28.1
Opties		

«data»	ConditionScore	
Definitie	The score based on the presence of a condition that can cause an increased risk of malnutrition. A list with conditions with increased risk is given is reference [1]	
Datatype	CO	
DCM::ConceptId	NL-CM:4.28.4	
DCM::ValueSet	SKConditionScoreCodelist	OID: 2.16.840.1.113883.2.4.3.11.60.40.2.4.28.2
Opties		

«data»	NutritionScore	
Definitie	The score based on the presence of aspects that indicate a deteriorated nutrition status: - excessive diarrhea and/or vomiting - use of fluid or enteral nutrition - reduced intake of food during the past 1-3 days - obstruction of food intake by pain	
Datatype	CO	
DCM::ConceptId	NL-CM:4.28.5	
DCM::ValueSet	SKNutritionScoreCodelist	OID: 2.16.840.1.113883.2.4.3.11.60.40.2.4.28.3

Opties	

«data»	NutritionStatusScore
Definitie	The score gives an indication of the nutrition status of the patient based on the professional opinion of the healthcare professional.
Datatype	CO
DCM::ConceptId	NL-CM:4.28.8
DCM::ValueSet	SKNutritionStatusScoreCodel ist
Opties	

Note: DCM::ValueSet second column: OID: 2.16.840.1.113883.2.4.3.11.60.40.2.4.28.4

«document»	SKWeightLossScoreCodelist
Definitie	
Datatype	
DCM::ValueSetId	2.16.840.1.113883.2.4.3.11. 60.40.2.4.28.1
Opties	

SKGewichtsverliesScoreCodelijst	OID: 2.16.840.1.113883.2.4.3.11.60.40.2.4.28.1				
Concept Name	Concept Value	Concept Code	CodeSys. Name	CodeSystem OID	Description
NoLoss	0	G0	SK_Gewichtsverlies	2.16.840.1.113883.2. 4.3.11.60.40.4.17.1	Geen gewichtsverlies of stilstand in groei/ gewicht
LossOfWeight	1	G2	SK_Gewichtsverlies	2.16.840.1.113883.2. 4.3.11.60.40.4.17.1	Gewichtsverlies of stilstand in groei/ gewicht aanwezig

«document»	SKConditionScoreCodelist
Definitie	
Datatype	
DCM::ValueSetId	2.16.840.1.113883.2.4.3.11. 60.40.2.4.28.2
Opties	

SKZiektebeeldScoreCodelijst	OID: 2.16.840.1.113883.2.4.3.11.60.40.2.4.28.2				
Concept Name	Concept Value	Concept Code	CodeSys. Name	CodeSystem OID	Description
NoRisk	0	R0	SK_Ziektebeeld	2.16.840.1.113883.2 .4.3.11.60.40.4.17.2	Geen ziektebeeld met verhoogd risico
IncreasedRisk	2	R1	SK_Ziektebeeld	2.16.840.1.113883.2 .4.3.11.60.40.4.17.2	Ziektebeeld met verhoogd risico aanwezig

«document»	SKNutritionScoreCodelist
Definitie	
Datatype	
DCM::ValueSetId	2.16.840.1.113883.2.4.3.11. 60.40.2.4.28.3
Opties	

SKVoedingsScoreCodelijst	OID: 2.16.840.1.113883.2.4.3.11.60.40.2.4.28.3				
Concept	Concept	Concep	CodeSys. Name	CodeSystem OID	Description

Name	Value	t Code			
Normaal	0	Z0	SK_Voeding	2.16.840.1.113883.2.4.3.11.60.40.4.17.3	Normale voedselinname
Verminderd	1	Z1	SK_Voeding	2.16.840.1.113883.2.4.3.11.60.40.4.17.3	Verminderde voedselinname

«document»	SKNutritionStatusScoreCodelist				
Definitie					
Datatype					
DCM::ValueSetId	2.16.840.1.113883.2.4.3.11.60.40.2.4.28.4				
Opties					

SKVoedingstoestandCodelijst			OID: 2.16.840.1.113883.2.4.3.11.60.40.2.4.28.4		
Concept Name	**Concept Value**	**Concept Code**	**CodeSys. Name**	**CodeSystem OID**	**Description**
Goed	0	T0	SK_Voedingstoestand	2.16.840.1.113883.2.4.3.11.60.40.4.17.4	Goede voedingstoestand
Slecht	1	T1	SK_Voedingstoestand	2.16.840.1.113883.2.4.3.11.60.40.4.17.4	Slechte voedingstoestand

1.8 Example Instances

StrongKidsScore	
ScoreDatumTijd	12-12-2016
GewichtsverliesScore	0 (Geen gewichtverlies of stilstand in groei/ gewicht)
ZiektebeeldScore	2 (Ziektebeeld met verhoogd risico aanwezig)
VoedingsScore	0 (Normale voedselinname)
VoedingstoestandScore	0 (Goede voedingstoestand)
TotaalScore	2
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. StrongKids, Stuurgroep Ondervoeding [Online] Beschikbaar op:
http://www.stuurgroepondervoeding.nl/toolkits/screeningsinstrument [Geraadpleegd: 28 juli 2016]

1.16 Functional Model

1.17 Traceability to other Standards

1.18 Disclaimer

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