

Health & Care Information Model:

nl.zorg.HoNOS+-v1.0

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1. nl.zorg.HoNOS+-v1.0

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DCM::EndorsingAuthority.Address	
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1.1 Revision History

Publicatieversie 1.0 (10-06-2022)

1.2 Concept

The Health of the Nation Outcome Scales + (HoNOS+) is an extension of HoNOS that was developed by the UK Department of Health (Wing et al. 1998), with the aim of assessing mental health status and social status in a simple, reliable and valid way mental patients.

1.3 Mindmap

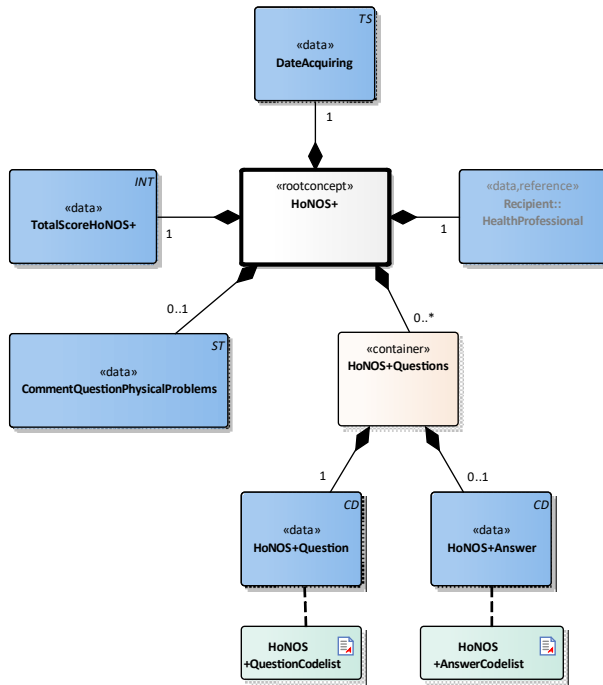
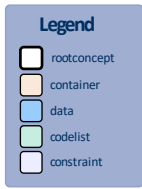
1.4 Purpose

Important parts of the care demand typing are the HoNOS+ questionnaire and the color-coded scoring scheme. With this you determine the care demand of the patient, which is expressed in a care demand type.

1.5 Patient Population

1.6 Evidence Base

1.7 Information Model



«rootconcept»	HoNOS+	
Definitie	Root concept of the HoNOS+ information model. This root concept contains all data elements of the HoNOS+ information model.	
Datatype		
DCM::ConceptId	NL-CM:4.36.1	
DCM::DefinitionCode	SNOMED CT: 180171000146104 Health of the Nation Outcome Scale +	
Opties		

«data»	DateAcquiring	
Definitie	Date of taking of the HoNOS+.	
Datatype	TS	
DCM::ConceptId	NL-CM:4.36.2	
Opties		

«data»	Recipient::HealthProfessional	
Definitie	Health professional who is responsible for taking of the HoNOS+.	
Datatype		
DCM::ConceptId	NL-CM:4.36.3	
DCM::ReferencedConceptId	NL-CM:17.1.1	This is a reference to the rootconcept of information model HealthProfessional.
Opties		

«data»	TotalScoreHoNOS+	
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Definitie	The total score is the sum of the individual questions.	
Datatype	INT	
DCM::ConceptId	NL-CM:4.36.4	
DCM::DefinitionCode	SNOMED CT: 180181000146102 Health of the Nation Outcome Scale + total score	
Opties		

«data»	CommentQuestionPhysicalProblems	
Definitie	An explanation of the question about psychological problems.	
Datatype	ST	
DCM::ConceptId	NL-CM:4.36.5	
Opties		

«container»	HoNOS+Questions	
Definitie	Container of the HoNOS+Questions concept.This container contains all data elements of the HoNOS+Questions concept.	
Datatype		
DCM::ConceptId	NL-CM:4.36.6	
Opties		

«data»	HoNOS+Question	
Definitie	The question fo the HoNOS+.	
Datatype	CD	
DCM::ConceptId	NL-CM:4.36.7	
DCM::ValueSet	HoNOS+QuestionCodelist	OID: 2.16.840.1.113883.2.4.3.11.60.40.2.4.36.1
Opties		

«data»	HoNOS+Answer	
Definitie	The answer of the individual question of the HoNOS+.	
Datatype	CD	
DCM::ConceptId	NL-CM:4.36.8	
DCM::ValueSet	HoNOS+AnswerCodelist	OID: 2.16.840.1.113883.2.4.3.11.60.40.2.4.36.2
Opties		

«document»	HoNOS+QuestionCodelist	
Definitie		
Datatype		
DCM::ValueSetBinding	Required	
DCM::ValueSetId	2.16.840.1.113883.2.4.3.11.60.40.2.4.36.1	
HCIM::ValueSetLanguage	NL	
Opties		

HoNOS+VraagCodelist			OID: 2.16.840.1.113883.2.4.3.11.60.40.2.4.36.1	
Concept Name	Concept Code	Coding Syst. Name	Coding System OID	Description
HoNOS+ Behaviour	H+V01	HoNOS+_Vragen	2.16.840.1.113883.2.4.3.11.60.40.4.28.1	HoNOS+ Gedrag
HoNOS+ Self-injury	H+V02	HoNOS+_Vragen	2.16.840.1.113883.2.4.3.11.60.40.4.28.1	HoNOS+ Zelfverwonding
HoNOS+ Drinking -	H+V03	HoNOS+_Vragen	2.16.840.1.113883.2.4.3.11.	HoNOS+ Drank-

drug-taking			60.40.4.28.1	drugsgebruik
HoNOS+ Cognitive	H+V04	HoNOS+_Vragen	2.16.840.1.113883.2.4.3.11. 60.40.4.28.1	HoNOS+ Cognitief
HoNOS+ Physical	H+V05	HoNOS+_Vragen	2.16.840.1.113883.2.4.3.11. 60.40.4.28.1	HoNOS+ Lichamelijk
HoNOS+ Hallucinations and delusions	H+V06	HoNOS+_Vragen	2.16.840.1.113883.2.4.3.11. 60.40.4.28.1	HoNOS+ Hallucinaties en wanen
HoNOS+ Depressed mood	H+V07	HoNOS+_Vragen	2.16.840.1.113883.2.4.3.11. 60.40.4.28.1	HoNOS+ Depressie
HoNOS+ Other mental problems	H+V08	HoNOS+_Vragen	2.16.840.1.113883.2.4.3.11. 60.40.4.28.1	HoNOS+ Overig psychisch
HoNOS+ Relations	H+V09	HoNOS+_Vragen	2.16.840.1.113883.2.4.3.11. 60.40.4.28.1	HoNOS+ Relaties
HoNOS+ ADL	H+V10	HoNOS+_Vragen	2.16.840.1.113883.2.4.3.11. 60.40.4.28.1	HoNOS+ ADL
HoNOS+ Living conditions	H+V11	HoNOS+_Vragen	2.16.840.1.113883.2.4.3.11. 60.40.4.28.1	HoNOS+ Woonomstandigheden
HoNOS+ Skills	H+V12	HoNOS+_Vragen	2.16.840.1.113883.2.4.3.11. 60.40.4.28.1	HoNOS+ Vaardigheden
HoNOS+ Thoughts	H+V13	HoNOS+_Vragen	2.16.840.1.113883.2.4.3.11. 60.40.4.28.1	HoNOS+ Gedachten
HoNOS+ Hist: Behaviour	H+VA	HoNOS+_Vragen	2.16.840.1.113883.2.4.3.11. 60.40.4.28.1	HoNOS+ Hist: Gedrag
HoNOS+ Hist: Self-injury	H+VB	HoNOS+_Vragen	2.16.840.1.113883.2.4.3.11. 60.40.4.28.1	HoNOS+ Hist: Zelfverwonding
HoNOS+ Hist: Protection	H+VC	HoNOS+_Vragen	2.16.840.1.113883.2.4.3.11. 60.40.4.28.1	HoNOS+ Hist: Bescherming
HoNOS+ Hist: Commitment/motivation	H+VD	HoNOS+_Vragen	2.16.840.1.113883.2.4.3.11. 60.40.4.28.1	HoNOS+ Hist: Betrokkenheid/motivatie
HoNOS+ Hist: Vulnerability	H+VE	HoNOS+_Vragen	2.16.840.1.113883.2.4.3.11. 60.40.4.28.1	HoNOS+ Hist: Kwetsbaarheid
HoNOS+ Hist: Drinking drug-taking	H+VQ	HoNOS+_Vragen	2.16.840.1.113883.2.4.3.11. 60.40.4.28.1	HoNOS+ Hist: drank-drugsgebruik

«document»		HoNOS+AnswerCodelist	
Definitie			
Datatype			
DCM::ValueSetBinding	Required		
DCM::ValueSetId	2.16.840.1.113883.2.4.3.11. 60.40.2.4.36.2		
HCIM::ValueSetLanguage	NL		
Opties			

HoNOS+AntwoordCodelijst			OID: 2.16.840.1.113883.2.4.3.11.60.40.2.4.36.2	
Concept Name	Concept Code	Coding Syst. Name	Coding System OID	Description
No problem	0	HoNOS+_Ernst	2.16.840.1.113883.2.4.3.11. 60.40.4.28.2	Geen probleem
Minor problem requiring no formal action	1	HoNOS+_Ernst	2.16.840.1.113883.2.4.3.11. 60.40.4.28.2	Ondergeschikt probleem, vereist geen actie
Mild problem	2	HoNOS+_Ernst	2.16.840.1.113883.2.4.3.11. 60.40.4.28.2	Licht probleem, maar duidelijk aanwezig
Problem of moderate severity	3	HoNOS+_Ernst	2.16.840.1.113883.2.4.3.11. 60.40.4.28.2	Matig ernstig probleem
Severe to very severe	4	HoNOS+_Ernst	2.16.840.1.113883.2.4.3.11.	Ernstig tot zeer ernstig

problem		60.40.4.28.2	probleem
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Legend	
Definitie	
Datatype	
Opties	

1.8 Example Instances

HoNOS+	
DatumAfname	11-05-2022
Afnemer::Zorgverlener	
Medewerkerscode	01299
AGBCode	01999999
Initialen	H.A
Geslachtsnaam	Janszens
ZorgverlenersRol	Psychiater
HoNOS+Vragen	
HoNOS+Vraag	H+V01
HoNOS+Antwoord	1
HoNOS+Vragen	
HoNOS+Vraag	H+V02
HoNOS+Antwoord	2
HoNOS+Vragen	
HoNOS+Vraag	H+V03
HoNOS+Antwoord	1
HoNOS+Vragen	
HoNOS+Vraag	H+V04
HoNOS+Antwoord	4
HoNOS+Vragen	
HoNOS+Vraag	H+V05
HoNOS+Antwoord	0

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

1.16 Functional Model

1.17 Traceability to other Standards

1.18 Disclaimer

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