Health & Care Information Model:

nl.zorg.DOSScore-v1.0

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Nictiz

Better health through
better information

Content

1. nl.zorg.DOSScore-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	11-10-2016
DCM::DeprecatedDate	
DCM::DescriptionLanguage	nl
DCM::EndorsingAuthority.Address	
DCM::EndorsingAuthority.Name	
DCM::EndorsingAuthority.Telecom	
DCM::Id	2.16.840.1.113883.2.4.3.11.60.40.3.18.7
DCM::KeywordList	DOS, delier
DCM::LifecycleStatus	Final
DCM::ModelerList	Werkgroep RadB Verpleegkundige Gegevens
DCM::Name	nl.zorg.DOSScore
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DCM::ReviewerList	Projectgroep RadB Verpleegkundige Gegevens & Kerngroep Registratie aan de Bron
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DCM::Supersedes	
DCM::Version	1.0
HCIM::PublicationLanguage	EN

1.1 Revision History

Publicatieversie 1.0 (04-09-2017)

1.2 Concept

The Delirium Observation Screening Scale is a tool to determine whether a patient has delirium. The DOSS includes 13 observations of behavior (verbal and non-verbal) which represent the symptoms of a delirium. These observations can be performed during regular contact with the patient.
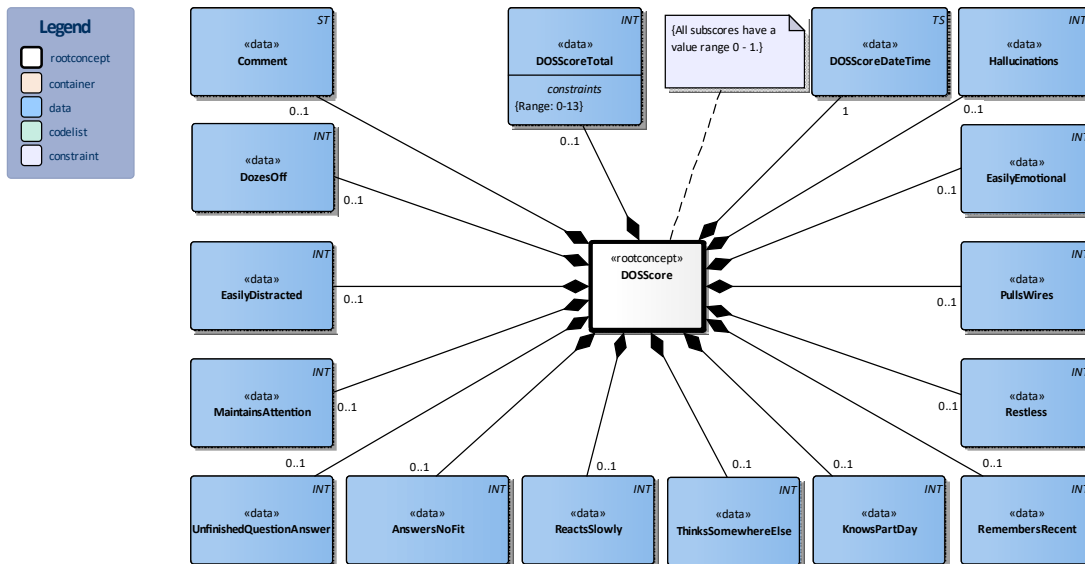
1.3 Mindmap

1.4 Purpose

Delirium is one of the most forms of psychopathology among elderly patients and patients in the last phase of their lives. The main characteristic of delirium is the rapid onset and changing of symptoms. The DOSS is meant to qualify and quantify the nature and seriousness of delirium symptoms. This enables a quick start of treatment. The DOSS is used to signal risks and as an evaluation tool.

1.5 Patient Population

1.6 Evidence Base

The definitions of the concepts are based on the DOS score.

1.7   Information Model

«rootconcept»	DOSScore
Definitie	Root concept of the DOSScore information model. This root concept contains all data elements of the DOSScore information model.
Datatype	
DCM::ConceptId	NL-CM:18.7.1
Opties	

«data»	DOSScoreTotal
Definitie	Per shift a total score is calculated (minimum 0 and maximum 13). The total scores of three shifts (day, evening and night shifts) are summed to the total score of the day (minimum 0 and maximum 39). The DOS scale final score is calculated by dividing the total score of the day by 3 (minimum 0 and maximum 13). A DOS scale final score < 3 means that the patient is probably not delirious. A DOS scale final score > 3 means that the patiënt is probably delirious.
Datatype	
DCM::ConceptId	NL-CM:18.7.3
Opties	
Constraint	Range: 0-13

«data»	DOSScoreDateTime
Definitie	The date on which the DOS score is registered.
Datatype	
DCM::ConceptId	NL-CM:18.7.5
Opties	

«data»	DozesOff
Definitie	DOS observation: patient dozes off during conversation or activities.

	Score:
	0: never
	1: sometimes-always
	-: don't know
Datatype	
DCM::ConceptId	NL-CM:18.7.6
Opties	

«data»	EasilyDistracted
Definitie	DOS observation: patient is easily distracted by stimuli from the environment.

Someone is easily distracted by stimuli from the environment when he/she responds verbally or non-verbally to sounds or movements that have no relation to him/her and the nature of which does not make you expect a reaction from him/her.

Score:
0: never
1: sometimes-always
-: don't know |
Datatype	
DCM::ConceptId	NL-CM:18.7.7
Opties	

«data»	MaintainsAttention
Definitie	DOS observation: patient maintains attention to conversation or action.

Someone is maintaining attention to a conversation or action if he/she verbally or non-verbally shows that they are following the conversation or action.

Score:
1: never
0: sometimes-always
-: don't know |
Datatype	
DCM::ConceptId	NL-CM:18.7.8
Opties	

«data»	UnfinishedQuestionAnswer
Definitie	DOS observation: patient does not finish question or answer.

Score:
0: never
1: sometimes-always
-: don't know |
Datatype	
DCM::ConceptId	NL-CM:18.7.9
Opties	

«data»	AnswersNoFit
Definitie	DOS observation: patient gives answers that do not fit the question.

Score: |

	0: never 1: sometimes-always -: don't know
Datatype	
DCM::ConceptId	NL-CM:18.7.10
Opties	

«data»	ReactsSlowly
Definitie	DOS observation: patient reacts slowly to instructions. Someone reacts slowly to instructions when acting is delayed and/or there are moments of stillness/inactivity before moving into action. Score: 0: never 1: sometimes-always -: don't know
Datatype	
DCM::ConceptId	NL-CM:18.7.11
Opties	

«data»	ThinksSomewhereElse
Definitie	DOS observation: patient thinks they are somewhere else. Someone thinks they are somewhere else when he/she shows this in words or actions. Score: 0: never 1: sometimes-always -: don't know
Datatype	
DCM::ConceptId	NL-CM:18.7.12
Opties	

«data»	KnowsPartDay
Definitie	DOS observation: patient knows which part of the day it is. Someone knows what part of the day it is when he/she shows such in words or actions. Score: 1: never 0: sometimes-always -: don't know
Datatype	
DCM::ConceptId	NL-CM:18.7.13
Opties	

«data»	RemembersRecent
Definitie	DOS observation: patient remembers recent events. Someone remembers recent events when he/she can for example tell whether they had visitors or what he/she ate.

	Score: 1: never 0: sometimes-always -: don't know
Datatype	
DCM::ConceptId	NL-CM:18.7.14
Opties	

«data»	Restless
Definitie	DOS observation: patient is picking, disorderly, restless. Score: 0: never 1: sometimes-always -: don't know
Datatype	
DCM::ConceptId	NL-CM:18.7.15
Opties	

«data»	PullsWires
Definitie	DOS observation: patient pulls IV tubing, feeding tubes, catheters, etc. Score: 0: never 1: sometimes-always -: don't know
Datatype	
DCM::ConceptId	NL-CM:18.7.16
Opties	

«data»	EasilyEmotional
Definitie	DOS observation: patient is easily or suddenly emotional. Someone is easily or suddenly emotional when he/she responds with a fierce emotion without provocation or when the fierceness of the emotion does not seem to match the provocation. Score: 0: never 1: sometimes-always -: don't know
Datatype	
DCM::ConceptId	NL-CM:18.7.17
Opties	

«data»	Hallucinations
Definitie	DOS observation: patient sees/hears things which are not there. Someone sees/hears things which are not there when he/she shows this verbally (ask!) or non-verbally. Score: 0: never 1: sometimes-always -: don't know

Datatype	
DCM::ConceptId	NL-CM:18.7.18
Opties	

«data»	Comment
Definitie	Comment on the DOS score.
Datatype	
DCM::ConceptId	NL-CM:18.7.2
DCM::DefinitionCode	LOINC: 48767-8 Annotation comment
Opties	

	Legend
Definitie	
Datatype	
Opties	

1.8 Example Instances

DOSScore	
ZaktWeg	1
SnelAfgeleid	1
HeeftAandacht	0
VraagAntwoordNietAf	-
AntwoordenNietPassend	1
ReageertTraag	-
DenktErgensAnders	0
BeseftDagdeel	0
HerinnertRecent	0
Rusteloos	0
TrektDraden	0
SnelGeemotioneerd	1
Hallucinaties	0
DOSScoreDienst	Dagdienst
DOSScoreTotaal	4
DOSScoreDatumTijd	19-12-2016 10:35
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

1.16 Functional Model

1.17 Traceability to other Standards

1.18 Disclaimer

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