Health & Care Information Model:

nl.zorg.PainScore-v4.1

Status: Final
Release: 2023
Release status: Prepublished

Managed by:

Content

1. nl.zorg.PainScore-v4.1

DCM::CoderList	Kerngroep Registratie aan de Bron
DCM::ContactInformation.Address	*
DCM::ContactInformation.Name	*
DCM::ContactInformation.Telecom	*
DCM::ContentAuthorList	Projectgroep Generieke Overdrachtsgegevens & Kerngroep Registratie aan de Bron
DCM::CreationDate	29-11-2012
DCM::DeprecatedDate	
DCM::DescriptionLanguage	nl
DCM::EndorsingAuthority.Address	
DCM::EndorsingAuthority.Name	PM
DCM::EndorsingAuthority.Telecom	
DCM::Id	2.16.840.1.113883.2.4.3.11.60.40.3.12.9
DCM::KeywordList	pijn, pijnscore, vas, nrs, vitale parameters
DCM::LifecycleStatus	Final
DCM::ModelerList	Kerngroep Registratie aan de Bron
DCM::Name	nl.zorg.Pijnscore
DCM::PublicationDate	15-10-2023
DCM::PublicationStatus	Prepublished
DCM::ReviewerList	Projectgroep Generieke Overdrachtsgegevens & Kerngroep Registratie aan de Bron
DCM::RevisionDate	07-09-2023
DCM::Supersedes	nl.zorg.Pijnscore-v4.0
DCM::Version	4.1
HCIM::PublicationLanguage	EN

1.1 Revision History

Publicatieversie 1.0 (15-02-2013)

Publicatieversie 1.1 (01-07-2013)

Publicatieversie 1.2 (01-04-2015)
Bevat: ZIB-114, ZIB-263, ZIB-308.

Incl. algemene wijzigingsverzoeken:
ZIB-94, ZIB-154, ZIB-200, ZIB-201, ZIB-309, ZIB-324, ZIB-326.

Publicatieversie 1.2.1 (22-05-2015)
Bevat: ZIB-371.

Publicatieversie 3.0 (01-05-2016)
Bevat: ZIB-453.

Publicatieversie 3.1 (04-09-2017)
Bevat: ZIB-564, ZIB-524.

Publicatieversie 3.2 (31-01-2020)
Bevat: ZIB-927.

Publicatieversie 4.0 (01-09-2020)
Bevat: ZIB-979.

1.2   Concept

The pain score is a general measurement for pain experience, not a description of specific, localized pain.

The following are used as an easily reproducible measurement for pain experience:
1.   NRS (Numeric Rating Scale) in which the patient gives the pain a number on a scale of 0 (no pain) to 10 (unbearable pain).
2.   VAS (Visual Analogue Score), in which the patient points to a bar with a line to indicate the pain they feel. The back of the bar has a scale from 0 (no pain) to 10 (unbearable pain) on it.

The results of both scores have the same meaning, but the visual analogue method (VAS) is seen as more reliable than the NRS pain score.
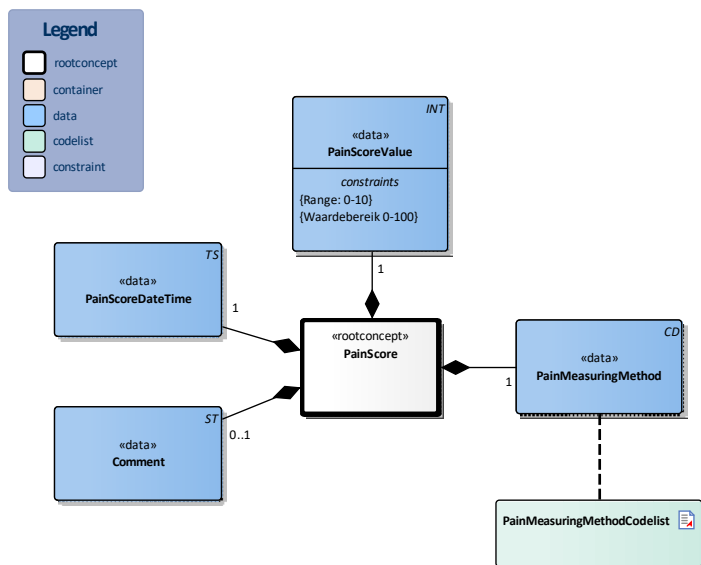
1.3   Mindmap

1.4   Purpose

The purpose of the pain score is to quantify and objectify the patient's subjective pain experience.

1.5   Patient Population

1.6   Evidence Base

1.7   Information Model

«rootconcept»	PainScore	
Definitie	Root concept of the PainScore information model. This root concept contains all data elements of the PainScore information model.	
Datatype		
DCM::ConceptId	NL-CM:12.9.1	
DCM::DefinitionCode	SNOMED CT: 425401001 Pain intensity rating scale	
Opties		

«data»	PainScoreValue	
Definitie	The score is a general measurement of pain experience, not a description of specific, localized pain. Depending on the measuring method used, it indicates the level of pain experienced by the patient on a scale of 0 to 10: 0 = no pain and 10 = the worst pain imaginable. No descriptions are used for the intermediate values, so that the value is displayed as a number and not as a code. Sometimes a value range of 0-100 is used instead of 0-10.	
Datatype	INT	
DCM::ConceptId	NL-CM:12.9.2	
DCM::DefinitionCode	SNOMED CT: 225908003 Pain score	
DCM::ExampleValue	2	
Opties		
Constraint	Waardebereik 0-100	
Constraint	Range: 0-10	

«data»	PainScoreDateTime
Definitie	The date and time at which the pain score was measured.

Datatype	TS	
DCM::ConceptId	NL-CM:12.9.3	
Opties		

«data»	PainMeasuringMethod	
Definitie	The measuring method describes the method used to determine the pain score. The measurement involves a visualization of the pain scale.	
Datatype	CD	
DCM::ConceptId	NL-CM:12.9.4	
DCM::ExampleValue	NRS	
DCM::ValueSet	PainMeasuringMethodCodelist	OID: 2.16.840.1.113883.2.4.3.11.60.40.2.12.9.1
Opties		

«data»	Comment	
Definitie	Comment on the pain score measurement, including comments on for example the circumstances and/or disruptive factors that may influence the result.	
Datatype	ST	
DCM::ConceptId	NL-CM:12.9.5	
DCM::DefinitionCode	LOINC: 48767-8 Annotation comment	
Opties		

«document»	PainMeasuringMethodCodelist	
Definitie		
Datatype		
DCM::ValueSetBinding	Required	
DCM::ValueSetId	2.16.840.1.113883.2.4.3.11.60.40.2.12.9.1	
HCIM::ValueSetLanguage	NL	
Opties		

PijnMeetmethodeCodelijst			OID: 2.16.840.1.113883.2.4.3.11.60.40.2.12.9.1		
Concept Name	Concept Code	Codesystem	Codesystem OID		Description
NRS	NRS	PijnMeetmethode	2.16.840.1.113883.2.4.3.11.60.40.4.9.1		NRS
VAS10	VAS10	PijnMeetmethode	2.16.840.1.113883.2.4.3.11.60.40.4.9.1		VAS10
VAS100	VAS100	PijnMeetmethode	2.16.840.1.113883.2.4.3.11.60.40.4.9.1		VAS100

	Legend
Definitie	
Datatype	
Opties	

1.8 Example Instances

PijnscoreDatumTijd	PijnscoreWaarde	PijnMeetmethode	Toelichting
08-02-2013 6:43	7	VAS10	Bij bewegen

1.9 Instructions

PainScore can be used from HCIM 2020 as a building block within the zib PainCharacteristics. In this, details about pain are recorded. If other characteristics of the pain are recorded in addition to PainScore, the PainCharacteristics HCIM should be used. Among other things, the AnatomicalLocation concept previously included in PainScore is now found in PainCharacteristics.

1.10 Interpretation

1.11 Care Process

1.12 Example of the Instrument

1.13 Constraints

1.14 Issues

1.15 References

1. openEHR-EHR-OBSERVATION.symptom-pain.v1[Online] Beschikbaar op: http://www.openehr.org/knowledge/ [Geraadpleegd: 23 december 2014].

1.16 Functional Model

1.17 Traceability to other Standards

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