

# Health & Care Information Model:

nl.zorg.PainScore-v4.0

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Release: 2020

Release status: Published

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# Content

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# 1. nl.zorg.PainScore-v4.0

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	01-09-2020
DCM::PublicationStatus	Published
DCM::ReviewerList	Projectgroep Generieke Overdrachtsgegevens & Kerngroep Registratie aan de Bron
DCM::RevisionDate	20-07-2020
DCM::Supersedes	nl.zorg.Pijnscore-v3.2
DCM::Version	4.0
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 1 (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

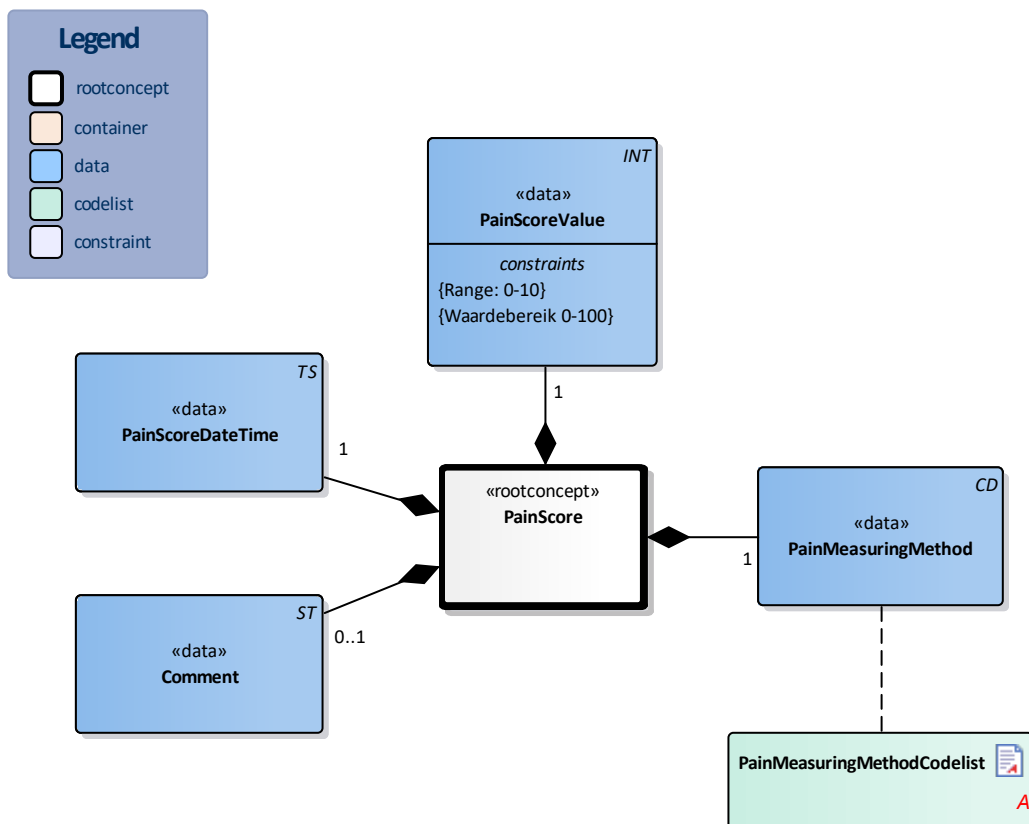
## 1.4 Purpose

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



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

<b>«data»</b>	<b>PainScoreValue</b>	
<b>Definitie</b>	<p>The score is a general measurement of pain experience, not a description of specific, localized pain.</p> <p>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.</p> <p>Sometimes a value range of 0-100 is used instead of 0-10.</p>	
<b>Datatype</b>	INT	
<b>DCM::ConceptId</b>	NL-CM:12.9.2	
<b>DCM::DefinitionCode</b>	SNOMED CT: 225908003 Pain score	
<b>DCM::ExampleValue</b>	2	
<b>Opties</b>		
<b>Constraint</b>	Range: 0-10	
<b>Constraint</b>	Waardebereik 0-100	

<b>«data»</b>	<b>PainScoreDateTime</b>	
<b>Definitie</b>	The date and time at which the pain score was measured.	
<b>Datatype</b>	TS	
<b>DCM::ConceptId</b>	NL-CM:12.9.3	
<b>Opties</b>		

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

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

<b>«document»</b>	<b>PainMeasuringMethodCodeList</b>	
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<b>Definitie</b>				
<b>Datatype</b>				
<b>DCM::ValueSetBinding</b>	Required			
<b>DCM::ValueSetId</b>	2.16.840.1.113883.2.4.3.11.60.40.2.12.9.1			
<b>Opties</b>				
<b>PijnMeetmethodeCodelijst</b>		<b>OID: 2.16.840.1.113883.2.4.3.11.60.40.2.12.9.1</b>		
<b>Concept Name</b>	<b>Concept Code</b>	<b>Codesystem</b>	<b>Codesystem OID</b>	<b>Description</b>
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

<b>Legend</b>	
<b>Definitie</b>	
<b>Datatype</b>	
<b>Opties</b>	

## 1.8 Example Instances

<b>PijnscoreDatumTijd</b>	<b>PijnscoreWaarde</b>	<b>PijnMeetmethode</b>	<b>Toelichting</b>
08-02-2013 6:43	7	VAS10	Bij bewegen

## 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. 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

## 1.18 Disclaimer

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