

Health&Care Information Model: nl.zorg.Pijnscore

Final

Managed by:

Better healthcare
through better IT



Content

1. nl.zorg.Pijnscore-v3.0	3
1.1 Revision History	3
1.2 Concept	3
1.3 Mindmap	4
1.4 Purpose	4
1.5 Patient Population	4
1.6 Evidence Base	4
1.7 Information Model	4
1.8 Example Instances	6
1.9 Instructions	6
1.10 Interpretation	6
1.11 Care Process	6
1.12 Example of the Instrument	6
1.13 Constraints	6
1.14 Issues	6
1.15 References	6
1.16 Functional Model	6
1.17 Traceability to other Standards	7
1.18 Disclaimer	7
1.19 Terms of Use	7
1.20 Copyrights	7

1. nl.zorg.Pijnscore-v3.0

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	1-5-2016
DCM::PublicationStatus	Published
DCM::ReviewerList	Projectgroep Generieke Overdrachtsgegevens & Kerngroep Registratie aan de Bron
DCM::RevisionDate	22-5-2015
DCM::Superseeds	nl.nfu.Pijnscore-v1.2.1
DCM::Version	3.0

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.

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

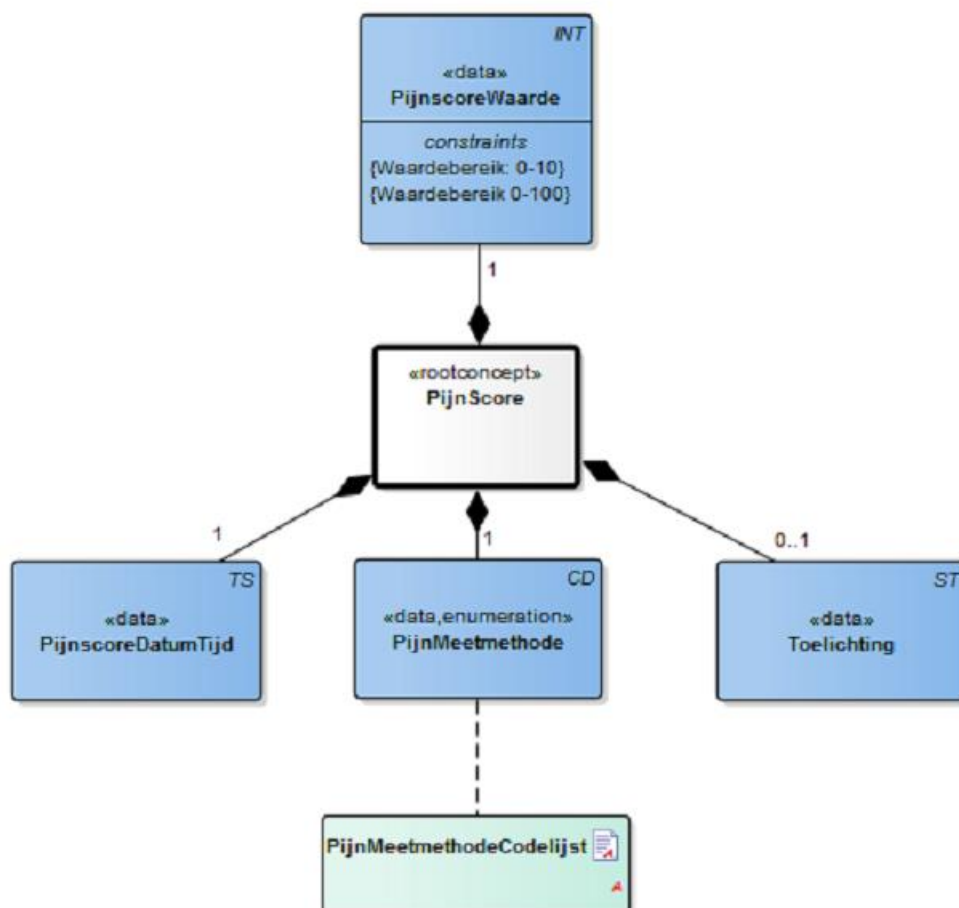
1.4 Purpose

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



Alias	EN: PainScore	
Definition	Root concept of the PainScore information model. This root concept contains all data elements of the PainScore information model.	
Datatype		
DCM::DefinitionCode	NL-CM:12.9.1	
Options		

«data»	PijnscoreWaarde	
Alias	EN: PainScoreValue	
Definition	<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>	
Datatype	INT	
DCM::DefinitionCode	SNOMED CT: 225908003 Pain score	
DCM::DefinitionCode	NL-CM:12.9.2	
DCM::ExampleValue	2	
Options		
Constraint	Waardebereik: 0-10	
Constraint	Waardebereik 0-100	

«data»	PijnscoreDatumTijd	
Alias	EN: PainScoreDateTime	
Definition	The date and time at which the pain score was measured.	
Datatype	TS	
DCM::DefinitionCode	NL-CM:12.9.3	
Options		

«data»	PijnMeetmethode	
Alias	EN: PainMeasuringMethod	
Definition	The measuring method describes the method used to determine the pain score. The measurement involves a visualization of the pain scale.	
Datatype	CD	
DCM::DefinitionCode	NL-CM:12.9.4	
DCM::ExampleValue	NRS	
DCM::ValueSet	PijnMeetmethodeCodelijst	OID: 2.16.840.1.113883.2.4.3.11.60.40.2.12.9.1
Options		

«data»	Toelichting	
Alias	EN: Explanation	
Definition	Explanation of the pain score measurement, including comments on for example the circumstances and/or disruptive factors that may influence the result.	

Datatype	ST
DCM::DefinitionCode	NL-CM:12.9.5
Options	

«document»	PijnMeetmethodeCodelijst			
Alias				
Definition				
Datatype				
Options				
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

1.8 Example Instances

PijnscoreDatumTijd	PijnscoreWaarde	PijnMeetmethode	Toelichting
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

This Health and Care Information Model (a.k.a Clinical Building Block) has been made in collaboration with several different parties in healthcare. These parties asked Nictiz to manage good maintenance and development of the information models. Hereafter, these parties and Nictiz are referred to as the collaborating parties. The collaborating parties paid utmost attention to the reliability and topicality of the data in these Health and Care Information Models. Omissions and inaccuracies may however occur. The collaborating parties are not liable for any damages resulting from omissions or inaccuracies in the information provided, nor are they liable for damages resulting from problems caused by or inherent to distributing information on the internet, such as malfunctions, interruptions, errors or delays in information or services provide by the parties to you or by you to the parties via a website or via e-mail, or any other digital means. The collaborating parties will also not accept liability for any damages resulting from the use of data, advice or ideas provided by or on behalf of the parties by means of this Health and Care Information Model. The parties will not accept any liability for the content of information in this Health and Care Information Model to which or from which a hyperlink is referred. In the event of contradictions in mentioned Health and Care Information Model documents and files, the most recent and highest version of the listed order in the revisions will indicate the priority of the documents in question. If information included in the digital version of this Health and Care Information Model is also distributed in writing, the written version will be leading in case of textual differences. This will apply if both have the same version number and date. A definitive version has priority over a draft version. A revised version has priority over previous versions.

1.19 Terms of Use

The user may use the information in this Health and Care Information Model without limitations. The copyright provisions in the paragraph concerned apply to copying, distributing and passing on information from this Health and Care Information Model.

1.20 Copyrights

The user may copy, distribute and pass on the information in this Health and Care Information Model under the conditions that apply for Creative Commons license Attribution-NonCommercial-ShareAlike 3.0 Netherlands (CC BY-NC-SA-3.0). The content is available under Creative Commons Attribution-NonCommercial-ShareAlike 3.0 (see also <http://creativecommons.org/licenses/by-nc-sa/3.0/nl/>)