

# Health & Care Information Model:

nl.zorg.TreatmentDirective2-v2.1

Status: Final

Release: 2024

Release status: Published

Managed by:



# Content

<b>1. nl.zorg.TreatmentDirective2-v2.1</b>	<b>3</b>
1.1 Revision History	3
1.2 Concept	3
1.3 Mindmap	3
1.4 Purpose	4
1.5 Patient Population	4
1.6 Evidence Base	4
1.7 Information Model	4
1.8 Example Instances	8
1.9 Instructions	8
1.10 Interpretation	8
1.11 Care Process	8
1.12 Example of the Instrument	9
1.13 Constraints	9
1.14 Issues	9
1.15 References	9
1.16 Functional Model	9
1.17 Traceability to other Standards	9
1.18 Disclaimer	9
1.19 Terms of Use	9
1.20 Copyrights	9

## 1. nl.zorg.TreatmentDirective2-v2.1

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	17-8-2020
DCM::DeprecatedDate	
DCM::DescriptionLanguage	nl
DCM::EndorsingAuthority.Address	
DCM::EndorsingAuthority.Name	PM
DCM::EndorsingAuthority.Telecom	
DCM::Id	2.16.840.1.113883.2.4.3.11.60.40.3.2.2
DCM::KeywordList	advance directives, behandel aanwijzing, wilsverklaring, behandelbeperking
DCM::LifecycleStatus	Final
DCM::ModelerList	Kerngroep Registratie aan de Bron
DCM::Name	nl.zorg.BehandelAanwijzing2
DCM::PublicationDate	24-04-2024
DCM::PublicationStatus	Published
DCM::ReviewerList	Projectgroep Generieke Overdrachtsgegevens & Kerngroep Registratie aan de Bron
DCM::RevisionDate	09-04-2025
DCM::Supersedes	nl.zorg.BehandelAanwijzing2-v2.0.1
DCM::Version	2.1
HCIM::PublicationLanguage	EN

### 1.1 Revision History

Publicatieversie 1.0 (01-09-2020)

Vervangt zib BehandelAanwijzing

Publicatieversie 2.0 (10-06-2022)

Bevat: ZIB-1126, ZIB-1562, ZIB-1592.

Publicatieversie 2.0.1 (15-10-2023)

Bevat: ZIB-1921, ZIB-1974.

Publicatieversie 2.1 (24-04-2024)

Bevat: ZIB-2735.

### 1.2 Concept

A treatment directive contains a joint decision between a health professional (for example a general practitioner) and a patient or his representative(s) about the desirability of performing a certain treatment, such as resuscitation, before this treatment becomes (acute) necessary.

When the need arises and the treatment cannot be discussed with the patient or representative(s), that decision is an important indication for the treating health professional (for example an ER doctor).

The term treatment limit is a synonym of the term treatment directive.

### 1.3 Mindmap

### 1.4 Purpose

A good overview of treatment instructions based on the wishes of the patient or their authorized representative on (un)desired treatments is important in a patient's care. A concise, orderly list is of particular importance in acute care situations. Due to the large variety of symptoms, the situation concerns not only a CPR setting, but also cases in which the patient's condition rapidly worsens as a result of existing symptoms.

A healthcare provider consulting this information can discuss these existing treatment instructions with the patient, the patient's family or the patient's authorized representative and possibly include the instructions in their policy.

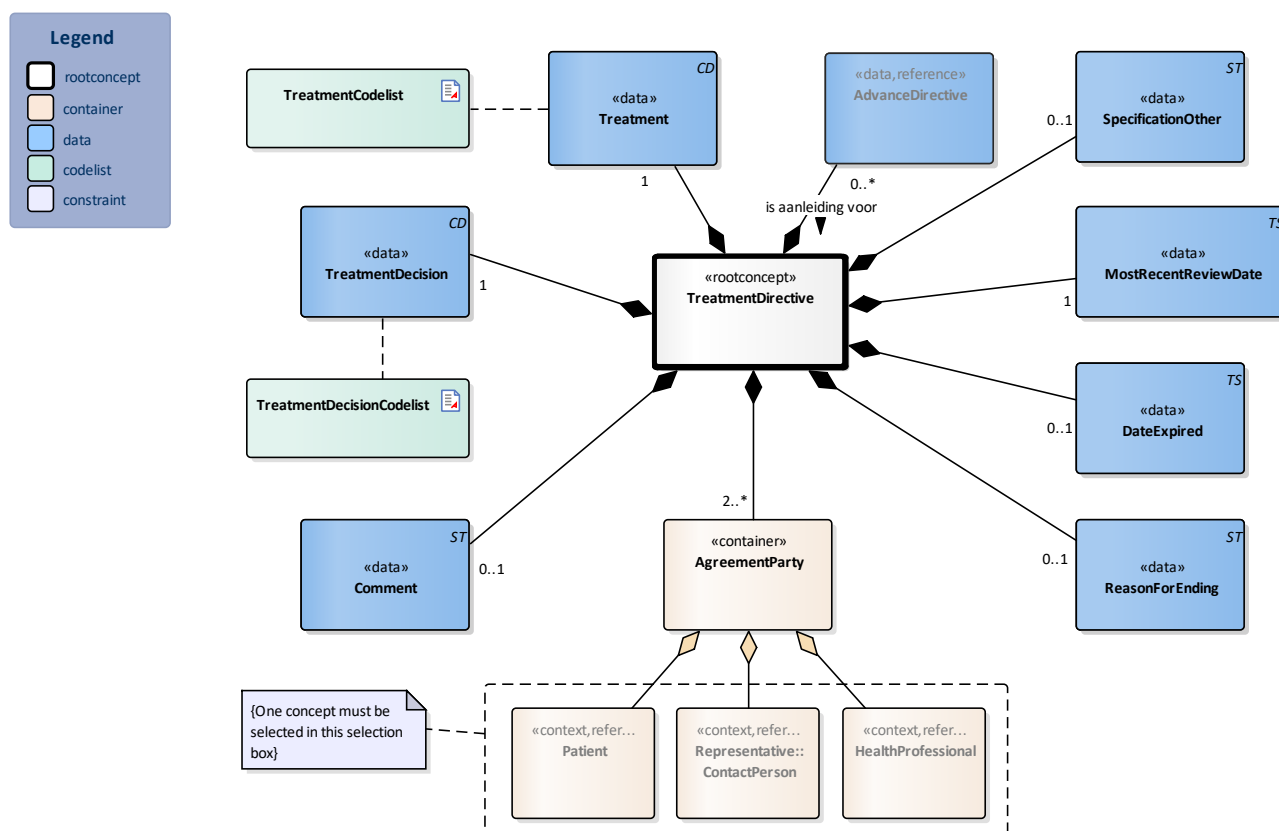
## 1.5 Patient Population

## 1.6 Evidence Base

Explanation for TreatmentCodeList:

In discussions on constraints in the therapeutic treatment of patients with a chronic neurological or respiratory condition, respiration is sometimes included as a separate restriction. The 'Respiration' item is to be seen separately from the decisions on CPR.

## 1.7 Information Model



«rootconcept»	TreatmentDirective	
Definitie	Root concept of the TreatmentDirective2 information model. This concept contains all data elements of the TreatmentDirective2 information model.	
Datatype		
DCM::ConceptId	NL-CM:2.2.1	
DCM::DefinitionCode	SNOMED CT: 129125009 Procedure with explicit context	
Opties		

«data»	TreatmentDecision	
Definitie	The joint decision taken with regard to the desirability of performing the indicated treatment. If the decision is 'Other', 'SpecificationOther' shall contain the instructions for whether or not to carry out the treatment.	
Datatype	CD	
DCM::ConceptId	NL-CM:2.2.2	
DCM::ExampleValue	Onder voorwaarden	
DCM::ValueSet	TreatmentDecisionCodelist	OID: 2.16.840.1.113883.2.4.3.11.60.40.2.2.2.2
Opties		

«data»	Treatment	
Definitie	The medical treatment to which the treatment instruction applies.	
Datatype	CD	
DCM::ConceptId	NL-CM:2.2.3	
DCM::DefinitionCode	SNOMED CT: 363589002 Associated procedure	
DCM::ExampleValue	Opname op intensive care	
DCM::ValueSet	TreatmentCodelist	OID: 2.16.840.1.113883.2.4.3.11.60.40.2.2.2.1
Opties		

«data»	SpecificationOther	
Definitie	Specification of the treatment decision when the decision is 'Other'.	
Datatype	ST	
DCM::ConceptId	NL-CM:2.2.4	
DCM::ExampleValue	Voor intubatie eerst overleg met echtgenote	
Opties		

«data»	MostRecentReviewDate	
Definitie	The date on which the treatment directive has been agreed with the patient and/or their representative(s). This can be the first time that the treatment directive has been discussed, but an existing treatment directive may also have been discussed again. The content of the treatment directive may have changed or remained the same.	
Datatype	TS	
DCM::ConceptId	NL-CM:2.2.5	
DCM::ExampleValue	30-08-2012	
Opties		

«data»	DateExpired	
Definitie	The date on which the treatment directive has been withdrawn and therefore no longer applies. An explicit decision must be taken about the 'date expired', in consultation between the responsible care provider and the patient or his representative(s). Any future termination can only be entered as a condition. Often this will be linked to 1 or more events.	
Datatype	TS	
DCM::ConceptId	NL-CM:2.2.6	
DCM::ExampleValue	31-06-2013	
Opties		

«data»	ReasonForEnding	
Definitie	Reason why the agreement on a treatment directive no longer applies.	
Datatype	ST	
DCM::ConceptId	NL-CM:2.2.7	
Opties		

«data»	AdvanceDirective	
Definitie	A (written) statement in which a person indicates wishes concerning future medical action, in the event that this person is at that point no longer (deemed) capable of taking decisions on the matter.	
Datatype		
DCM::ConceptId	NL-CM:2.2.8	
DCM::DefinitionCode	SNOMED CT: 713603004 advance care planning	
DCM::ReferencedConceptId	NL-CM:7.15.1	This is a reference to the rootconcept of information model AdvanceDirective.
Opties		

«container»	AgreementParty	
Definitie	Container of the AgreementParty concept. This container contains all data elements of the AgreementParty concept.	
Datatype		
DCM::ConceptId	NL-CM:2.2.9	
DCM::DefinitionCode	SNOMED CT: 408730004 Procedure context	
Opties		

«context»	Patient	
Definitie	Patient as the person with whom the agreement was made.	
Datatype		
DCM::ConceptId	NL-CM:2.2.10	
DCM::ReferencedConceptId	NL-CM:0.1.1	This is a reference to the rootconcept of information model Patient.
Opties		

«context»	Representative::ContactPerson	
Definitie	Person who represents the patient in health care matters and with whom the agreement has been made (too).	
Datatype		
DCM::ConceptId	NL-CM:2.2.11	
DCM::ReferencedConceptId	NL-CM:3.1.1	This is a reference to the rootconcept of information model ContactPerson.
Opties		

«context»	HealthProfessional	
Definitie	HealthProfessional who has made the agreement regarding the treatment directive.	
Datatype		
DCM::ConceptId	NL-CM:2.2.12	
DCM::ReferencedConceptId	NL-CM:17.1.1	This is a reference to the rootconcept of information model HealthProfessional.
Opties		

«data»	Comment	
--------	---------	--

<b>Definitie</b>	The comment may include further information such as the reason why a treatment directive has been drawn up, persons who assisted the patient in agreeing the treatment directive but who are not otherwise involved in the agreement as a representative, etc.	
<b>Datatype</b>	ST	
<b>DCM::ConceptId</b>	NL-CM:2.2.13	
<b>DCM::DefinitionCode</b>	LOINC: 48767-8 Annotation comment	
<b>Opties</b>		

<b>«document»</b>	TreatmentCodelist		
<b>Definitie</b>			
<b>Datatype</b>			
<b>DCM::ValueSetBinding</b>	Required		
<b>DCM::ValueSetId</b>	2.16.840.1.113883.2.4.3.11.6 0.40.2.2.2.1		
<b>DCM::ValueSetInclude OTH</b>	True		
<b>DCM::ValueSetStatus</b>	Active		
<b>HCIM::ValueSetLanguage</b>	--		
<b>Opties</b>			

<b>BehandelingCodelijst</b>	OID: 2.16.840.1.113883.2.4.3.11.60.40.2.2.2.1			
-----------------------------	---	--	--	--

Concept Name	Concept Code	Coding Syst. Name	Coding System OID	Description
Admission to intensive care unit	305351004	SNOMED CT	2.16.840.1.113883.6.96	Opname op intensive care
Resuscitation	439569004	SNOMED CT	2.16.840.1.113883.6.96	Reanimatie
Cardiopulmonary resuscitation	89666000	SNOMED CT	2.16.840.1.113883.6.96	Cardiopulmonaire resuscitatie [DEPRECATED]
Artificial respiration	40617009	SNOMED CT	2.16.840.1.113883.6.96	Kunstmatige beademing
Administration of blood product	116762002	SNOMED CT	2.16.840.1.113883.6.96	Toediening van een bloedproduct
Antibiotic therapy	281789004	SNOMED CT	2.16.840.1.113883.6.96	Toediening van antibiotica
Hospital admission	32485007	SNOMED CT	2.16.840.1.113883.6.96	Opname in ziekenhuis
Renal dialysis	265764009	SNOMED CT	2.16.840.1.113883.6.96	Nierdialyse
Tube feeding of patient [DEPRECATED]	61420007	SNOMED CT	2.16.840.1.113883.6.96	Sondevoeding
Enteral feeding	229912004	SNOMED CT	2.16.840.1.113883.6.96	Sondevoeding
Surgical procedure	387713003	SNOMED CT	2.16.840.1.113883.6.96	Operatie
Endotracheal respiratory assistance	182686001	SNOMED CT	2.16.840.1.113883.6.96	Endotracheale ademhalingsondersteuning
Noninvasive ventilation	428311008	SNOMED CT	2.16.840.1.113883.6.96	Non invasieve beademing
Therapeutic procedure	277132007	SNOMED CT	2.16.840.1.113883.6.96	Therapeutische verrichting
Admission to cardiac intensive care unit	183446009	SNOMED CT	2.16.840.1.113883.6.96	Opname op CCU

<b>«document»</b>	TreatmentDecisionCodelist		
<b>Definitie</b>			
<b>Datatype</b>			
<b>DCM::ValueSetBinding</b>	Required		
<b>DCM::ValueSetId</b>	2.16.840.1.113883.2.4.3.11.6 0.40.2.2.2.2		

DCM::ValueSetInclude OTH	False			
DCM::ValueSetStatus	Active			
HCIM::ValueSetLanguage	NL			
Opties				
BehandelBesluitCodelijst		OID: 2.16.840.1.113883.2.4.3.11.60.40.2.2.2.2		
Concept Name	Concept Code	Coding Syst. Name	Coding System OID	Description
Wel uitvoeren	0	BehandelBesluiten	2.16.840.1.113883.2.4.3.11.60.40.4.25.1	Wel uitvoeren
Anders	1	BehandelBesluiten	2.16.840.1.113883.2.4.3.11.60.40.4.25.1	Anders
Niet uitvoeren	2	BehandelBesluiten	2.16.840.1.113883.2.4.3.11.60.40.4.25.1	Niet uitvoeren

	Legend
Definitie	
Datatype	
Opties	

	Constraint
Definitie	One concept must be selected in this selection box
Datatype	
Opties	

## 1.8 Example Instances

Behandeling	Behandeling Besluit	SpecificatieAnders	AfspraakPartij	Recentste Bespreek Datum
			Vertegenwoordiger	
Opname op Intensive Care	Wel uitvoeren		H.J. Jansen	11-9-2012

Behandeling	Behandeling Besluit	SpecificatieAnders	AfspraakPartij	Recentste Bespreek Datum
			Patiënt	
Cardiopulmonaire resuscitatie	Anders	eerst overleg met echtgenote	D. de Jong	11-9-2012

## 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**

The Health and Care Information Models (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 the Health and Care Information Models. 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 a 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 Health and Care Information Models without limitations. The copyright provisions in the paragraph concerned apply to copying, distributing and passing on the Health and Care Information Models.

## **1.20 Copyrights**

A Health and Care Information Model qualifies as a work within the meaning of Section 10 of the Copyright Act (Auteurswet). Copyrights protect the Health and Care Information Models and these rights are owned by the cooperating parties.

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/>)

This does not apply to information from third parties that sometimes is used and / or referred to in a Health and Care Information Model, for example to an international medical terminology system. Any (copyright) rights that protect this information are not owned by the cooperating parties but by those third parties.

Nictiz is the independent national competence centre for electronic exchange of health and care information. The activities of Nictiz include the targeted development and management of information standards at the request of and in partnership with the stakeholders in healthcare. Nictiz advises these parties on all aspects of information exchange and identifies (future) national and international developments.

**Nictiz**

P.O. Box 19121  
2500 CC Den Haag  
Oude Middenweg 55  
2491 AC Den Haag

070-3173450  
[info@nictiz.nl](mailto:info@nictiz.nl)  
[www.nictiz.nl](http://www.nictiz.nl)

