

# Health & Care Information Model:

nl.zorg.TreatmentDirective2-v2.0

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# Content

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# 1. nl.zorg.TreatmentDirective2-v2.0

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	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	10-06-2022
DCM::PublicationStatus	Prepublished
DCM::ReviewerList	Projectgroep Generieke Overdrachtsgegevens & Kerngroep Registratie aan de Bron
DCM::RevisionDate	09-05-2022
DCM::Supersedes	nl.zorg.BehandelAanwijzing2-v1.0
DCM::Version	2.0
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.

## 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.

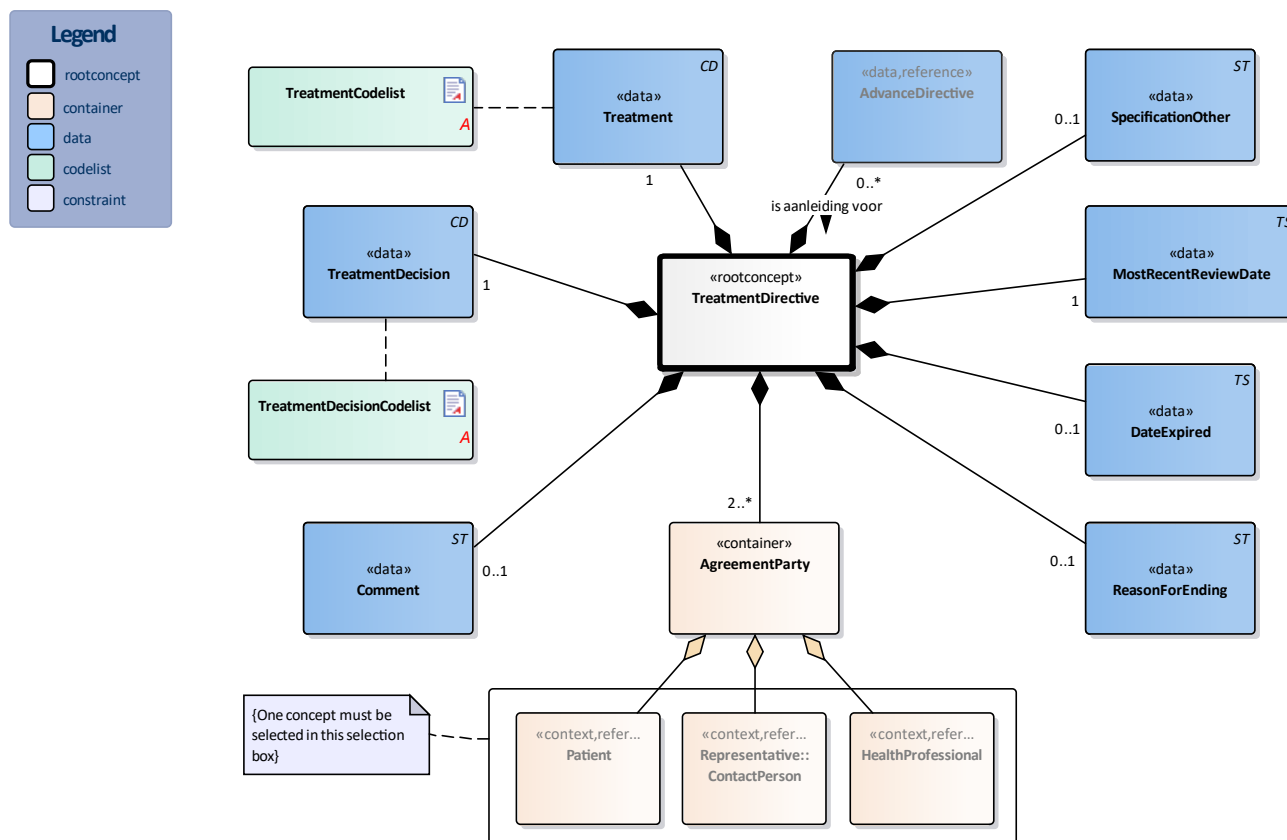
## 1.5 Patient Population

## 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



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

<b>«data»</b>	<b>TreatmentDecision</b>	
<b>Definitie</b>	The joint decision taken with regard to the desirability of performing the	

	indicated treatment. If the agreement is 'Other', 'Specification Other' shall contain the instructions for whether or not to carry out the treatment.	
<b>Datatype</b>	CD	
<b>DCM::ConceptId</b>	NL-CM:2.2.2	
<b>DCM::ExampleValue</b>	Onder voorwaarden	
<b>DCM::ValueSet</b>	TreatmentDecisionCodelist	OID: 2.16.840.1.113883.2.4.3.11.60.40.2.2.2.2
<b>Opties</b>		

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

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

<b>«data»</b>	<b>MostRecentReviewDate</b>	
<b>Definitie</b>	The date on which the treatment directive has been agreed with the patient and / or his 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.	
<b>Datatype</b>	TS	
<b>DCM::ConceptId</b>	NL-CM:2.2.5	
<b>DCM::ExampleValue</b>	30-08-2012	
<b>Opties</b>		

<b>«data»</b>	<b>DateExpired</b>	
<b>Definitie</b>	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.	
<b>Datatype</b>	TS	
<b>DCM::ConceptId</b>	NL-CM:2.2.6	
<b>DCM::ExampleValue</b>	31-06-2013	
<b>Opties</b>		

<b>«data»</b>	<b>ReasonForEnding</b>	
<b>Definitie</b>	Reason why the agreement on a treatment directive no longer applies.	
<b>Datatype</b>	ST	

<b>DCM::ConceptId</b>	NL-CM:2.2.7	
<b>Opties</b>		

<b>«data»</b>	<b>AdvanceDirective</b>	
<b>Definitie</b>	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.	
<b>Datatype</b>		
<b>DCM::ConceptId</b>	NL-CM:2.2.8	
<b>DCM::DefinitionCode</b>	SNOMED CT: 713603004 advance care planning	
<b>DCM::ReferencedConceptId</b>	NL-CM:7.15.1	This is a reference to the rootconcept of information model AdvanceDirective.
<b>Opties</b>		

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

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

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

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

<b>«data»</b>	<b>Comment</b>	
<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>	<b>TreatmentCodelist</b>	
<b>Definitie</b>		
<b>Datatype</b>		
<b>DCM::ValueSetBinding</b>	Required	
<b>DCM::ValueSetId</b>	2.16.840.1.113883.2.4.3.11.60.40.2.2.2.1	
<b>HCIM::ValueSetLanguage</b>	--	
<b>Opties</b>		

<b>BehandelingCodelijst</b>	<b>OID: 2.16.840.1.113883.2.4.3.11.60.40.2.2.2.1</b>
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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	61420007	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
Other	OTH	NullFlavor	2.16.840.1.113883.5.1008	Overige behandelingen

<b>«document»</b>	<b>TreatmentDecisionCodelist</b>	
<b>Definitie</b>		
<b>Datatype</b>		
<b>DCM::ValueSetBinding</b>	Required	
<b>DCM::ValueSetId</b>	2.16.840.1.113883.2.4.3.11.60.40.2.2.2.2	
<b>HCIM::ValueSetLanguage</b>	NL	
<b>Opties</b>		

<b>BehandelBesluitCodelijst</b>	<b>OID: 2.16.840.1.113883.2.4.3.11.60.40.2.2.2.2</b>
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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
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Legend	
Definitie	
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

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