

# Health & Care Information Model: nl.zorg.FreedomRestrictingMeasures-v3.1

Final

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# Content

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# 1. nl.zorg.FreedomRestrictingMeasures-v3.1

DCM::CoderList	Werkgroep RadB Verpleegkundige Gegevens
DCM::ContactInformation.Address	*
DCM::ContactInformation.Name	*
DCM::ContactInformation.Telecom	*
DCM::ContentAuthorList	Werkgroep RadB Verpleegkundige Gegevens
DCM::CreationDate	5-5-2014
DCM::DeprecatedDate	
DCM::DescriptionLanguage	nl
DCM::EndorsingAuthority.Address	
DCM::EndorsingAuthority.Name	PM
DCM::EndorsingAuthority.Telecom	
DCM::Id	2.16.840.1.113883.2.4.3.11.60.40.3.14.3
DCM::KeywordList	Vrijheidsbeperkendemaatregelen, wilsbekwaamheid, interventies
DCM::LifecycleStatus	Final
DCM::ModelerList	Werkgroep RadB Verpleegkundige Gegevens
DCM::Name	nl.zorg.VrijheidsbeperkendeMaatregelen
DCM::PublicationDate	04-09-2017
DCM::PublicationStatus	Prepublished
DCM::ReviewerList	Projectgroep RadB Verpleegkundige Gegevens & Kerngroep Registratie aan de Bron
DCM::RevisionDate	04-09-2017
DCM::Superseeds	nl.zorg.VrijheidsbeperkendeMaatregelen-v3.0
DCM::Version	3.1
HCIM::PublicationLanguage	EN

## 1.1 Revision History

Publicatieversie 1.0 (01-07-2015)

Publicatieversie 3.0 (01-05-2016)

Bevat: ZIB-453

Publicatieversie 3.1 (04-09-2017)

Bevat: ZIB-530, ZIB-549

## 1.2 Concept

Freedom restricting measures are (physical or verbal) measures used to deliberately restrict the freedom of the patient in question.

Many forms of freedom restricting measures fall under this definition, including but not limited to:

- involuntary treatment (*e.g.* forced medication)
- physical restraints (side rails fully up, )
- physical fixation (arm restraints in order to prevent removal of drip)
- electronic surveillance to monitor the whereabouts of the patient.

In hospitals, these often include the use of side rails, a cushion belt (around the waist) or a Posey bed. Often sedatives are administered in combination with the freedom restricting measures. For small children it often involves fixation of *e.g.* hands to prevent the extraction of a nasogastric tube.

The Vereniging Verpleegkundigen & Verzorgenden Nederland (V&VN) [Dutch Nurses and Carers Association] published a set of guidelines for nurses to implement these restraints in hospitals.

The 'Wet BOPZ' [Dutch Psychiatric Hospitals (Compulsory Admissions) Act] protects the rights of clients who are involuntarily admitted into mental healthcare, services for the disabled and in geriatric psychiatry. The act only applies to 'BOPZ'-marked facilities and also applies to some (closed) wards in nursing homes. Mental healthcare facilities use a national registration system to register the restraints called Argus registration. Permission of the patient or his/hers legal representative is required before starting freedom restricting measures.

The patient's high-risk behavior providing cause for the restraints is not described in this concept.

### 1.3 Mindmap

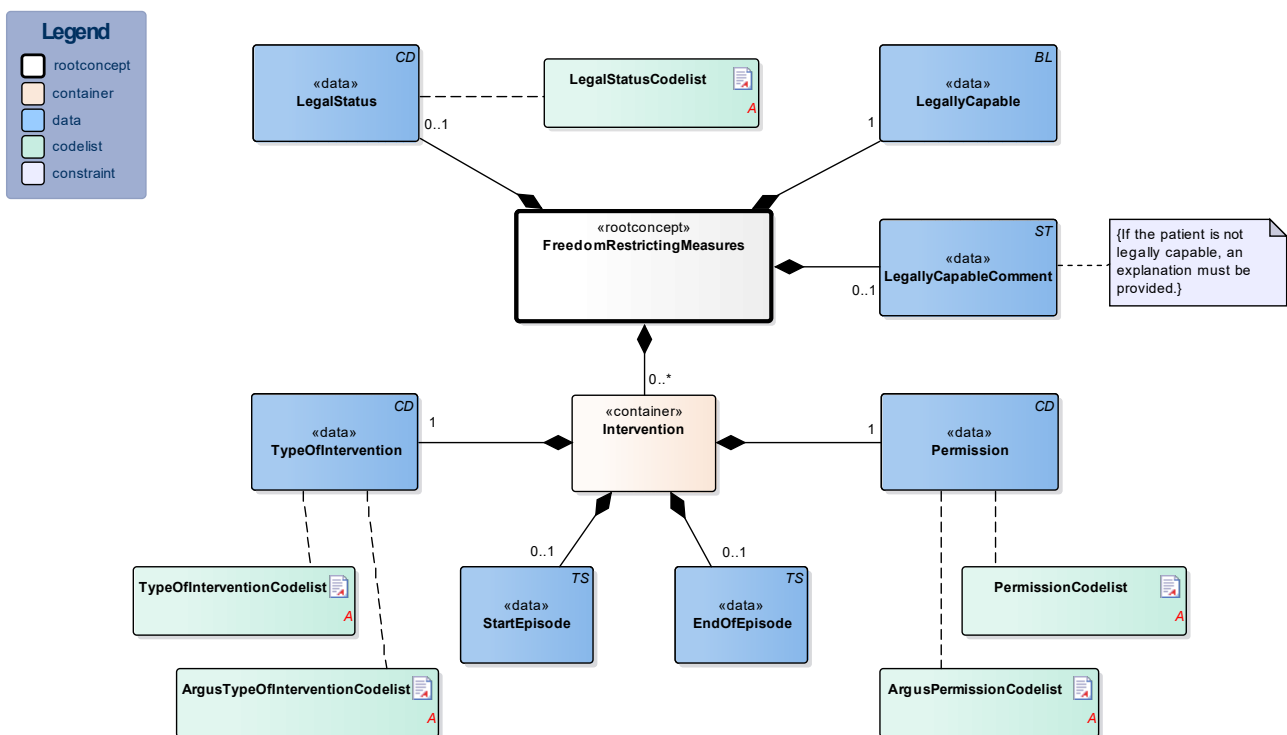
### 1.4 Purpose

Implementing medical restraints is risky and can result in damage to the patient if they are not carefully implemented. Nurses fulfil an important role in identifying risks, observing the effect of the restraints and any changes to the policy in terms of medical restraints. Recording all information on the measures is of major importance for insight into decision-making, implementing, monitoring and evaluating the measures. In the event of a transfer to the next facility, the proper preparations can be taken to safely continue the care and to limit the risks to the patient and their environment.

### 1.5 Patient Population

### 1.6 Evidence Base

### 1.7 Information Model



<b>Definitie</b>	Root concept of the FreedomRestrictingMeasures information model. This root concept contains all data elements of the FreedomRestrictingMeasures information model.	
<b>Datatype</b>		
<b>DCM::ConceptId</b>	NL-CM:14.3.1	
<b>Opties</b>		

<b>«data»</b>	<b>LegalStatus</b>	
<b>Definitie</b>	The legal situation that applies to the patient during the intervention. The code of the legal status is based on the Vektis/AZR code list COD232-VEKT Legal Status.	
<b>Datatype</b>	CD	
<b>DCM::ConceptId</b>	NL-CM:14.3.2	
<b>DCM::DefinitionCode</b>	SNOMED CT: 303186005 Legal status of patient	
<b>DCM::ExampleValue</b>	Voogdij	
<b>DCM::ValueSet</b>	LegalStatusCodelist	OID: 2.16.840.1.113883.2.4.3.11.60.40.2.14.3.2
<b>Opties</b>		

<b>«data»</b>	<b>LegallyCapable</b>	
<b>Definitie</b>	Indicator stating whether the patient is deemed capable of overseeing the consequences of a certain procedure, situation or decision.	
<b>Datatype</b>	BL	
<b>DCM::ConceptId</b>	NL-CM:14.3.3	
<b>DCM::ExampleValue</b>	Nee	
<b>Opties</b>		

<b>«data»</b>	<b>LegallyCapableComment</b>	
<b>Definitie</b>	Comment on the decisions which the patient is legally capable of making.	
<b>Datatype</b>	ST	
<b>DCM::ConceptId</b>	NL-CM:14.3.4	
<b>DCM::DefinitionCode</b>	LOINC: 48767-8 Annotation comment	
<b>DCM::ExampleValue</b>	Wilsonbekwaam t.a.v. beslissingen over geld.	
<b>Opties</b>		

<b>«container»</b>	<b>Intervention</b>	
<b>Definitie</b>	Container of the Restraint concept. This container contains all data elements of the Restraint concept.	
<b>Datatype</b>		
<b>DCM::ConceptId</b>	NL-CM:14.3.5	
<b>Opties</b>		

<b>«data»</b>	<b>TypeOfIntervention</b>	
<b>Definitie</b>	The type of restraint describes the medical restraints.	
<b>Datatype</b>	CD	
<b>DCM::ConceptId</b>	NL-CM:14.3.6	

<b>DCM::DefinitionCode</b>	SNOMED CT: 225317005 Restriction of movement	
<b>DCM::ExampleValue</b>	Bewegingsalarm	
<b>DCM::ValueSet</b>	TypeOfInterventionCodelist	OID: 2.16.840.1.113883.2.4.3.11.60.40.2.14.3.3
<b>DCM::ValueSet</b>	ArgusTypeOfInterventionCodelist	OID: 2.16.840.1.113883.2.4.3.11.60.40.2.14.3.4
<b>Opties</b>		

<b>«data»</b>	<b>Permission</b>	
<b>Definitie</b>	The permission given to the health professional(s) by the patient or legal representative to implement the medical restraint.	
<b>Datatype</b>	CD	
<b>DCM::ConceptId</b>	NL-CM:14.3.7	
<b>DCM::DefinitionCode</b>	SNOMED CT: 309370004 Consent status	
<b>DCM::ExampleValue</b>	Instemming wettelijke vertegenwoordiger	
<b>DCM::ValueSet</b>	PermissionCodelist	OID: 2.16.840.1.113883.2.4.3.11.60.40.2.14.3.1
<b>DCM::ValueSet</b>	ArgusPermissionCodelist	OID: 2.16.840.1.113883.2.4.3.11.60.40.2.14.3.5
<b>Opties</b>		

<b>«data»</b>	<b>StartEpisode</b>	
<b>Definitie</b>	The date and time at which the restraints started.	
<b>Datatype</b>	TS	
<b>DCM::ConceptId</b>	NL-CM:14.3.8	
<b>DCM::ExampleValue</b>	20-04--2014 13:00	
<b>Opties</b>		

<b>«data»</b>	<b>EndOfEpisode</b>	
<b>Definitie</b>	The date and time at which the restraints ended.	
<b>Datatype</b>	TS	
<b>DCM::ConceptId</b>	NL-CM:14.3.9	
<b>DCM::ExampleValue</b>	01-05-2014 8:00	
<b>Opties</b>		

<b>«document»</b>	<b>ArgusPermissionCodelist</b>	
<b>Definitie</b>		
<b>Datatype</b>		
<b>DCM::ValueSetId</b>	2.16.840.1.113883.2.4.3.11. 60.40.2.14.3.5	
<b>Opties</b>		

<b>ArgusInstemmingCodelijst</b>	<b>OID: 2.16.840.1.113883.2.4.3.11.60.40.2.14.3.5</b>			
<b>Concept Name</b>	<b>Concept Code</b>	<b>CodeSys. Name</b>	<b>CodeSystem OID</b>	<b>Description</b>
Op eigen verzoek	E1	ArgusCodes	2.16.840.1.113883.2.4.3.11.22.217	Op eigen verzoek
Geen verzet	E2	ArgusCodes	2.16.840.1.113883.2.4.3.11.22.217	Geen verzet
Verzet	E3	ArgusCodes	2.16.840.1.113883.2.4.3.11.22.217	Verzet

«document»	ArgusTypeOfInterventionCodelist	
Definitie		
Datatype		
DCM::ValueSetId	2.16.840.1.113883.2.4.3.11.60.40.2.14.3.4	
Opties		

ArgusInterventieCodelijst		OID: 2.16.840.1.113883.2.4.3.11.60.40.2.14.3.4		
Concept Name	Concept Code	CodeSys. Name	CodeSystem OID	Description
Separatie	A1	ArgusCodes	2.16.840.1.113883.2.4.3.11.22.217	Separatie
Afzondering	A2	ArgusCodes	2.16.840.1.113883.2.4.3.11.22.217	Afzondering
Fixatie	A3	ArgusCodes	2.16.840.1.113883.2.4.3.11.22.217	Fixatie
Gedwongen medicatie	A4	ArgusCodes	2.16.840.1.113883.2.4.3.11.22.217	Gedwongen medicatie
Gedwongen voeding en/of vocht	A5	ArgusCodes	2.16.840.1.113883.2.4.3.11.22.217	Gedwongen voeding en/of vocht
Andere interventies	A6	ArgusCodes	2.16.840.1.113883.2.4.3.11.22.217	Andere interventies

«document»	TypeOfInterventionCodelist	
Definitie		
Datatype		
DCM::ValueSetId	2.16.840.1.113883.2.4.3.11.60.40.2.14.3.3	
Opties		

SoortInterventieCodelijst		OID: 2.16.840.1.113883.2.4.3.11.60.40.2.14.3.3		
Concept Name	Concept Code	CodeSys. Name	CodeSystem OID	Description
Secluding patient	90278001	SNOMED CT	2.16.840.1.113883.6.96	Separatie
Segregating patient	29251000146109	SNOMED CT	2.16.840.1.113883.6.96	Afzondering
Physical restraint	386423001	SNOMED CT	2.16.840.1.113883.6.96	Fixatie
Forced medication	2921100014610	SNOMED CT	2.16.840.1.113883.6.96	Gedwongen medicatie
Forced feeding of patient	37041007	SNOMED CT	2.16.840.1.113883.6.96	Gedwongen voeding en/of vocht
Other	OTH	NullFlavor	2.16.840.1.113883.5.1008	Anders

«document»	LegalStatusCodelist	
Definitie		
Datatype		
DCM::ValueSetId	2.16.840.1.113883.2.4.3.11.60.40.2.14.3.2	
Opties		

JuridischeStatusCodelijst		OID: 2.16.840.1.113883.2.4.3.11.60.40.2.14.3.2		
Concept Name	Concept Code	CodeSys. Name	CodeSystem OID	Description
Rechterlijke machtiging (rm) voorlopig / voortgezette machtiging	1	Juridische Status	2.16.840.1.113883.2.4.3.11.22.232	Rechterlijke machtiging (rm) voorlopig / voortgezette machtiging

RM op eigen verzoek	2	Juridische Status	2.16.840.1.113883.2.4.3.11.22.232	RM op eigen verzoek
RM met voorwaardelijk ontslag	3	Juridische Status	2.16.840.1.113883.2.4.3.11.22.232	RM met voorwaardelijk ontslag
Onder toezichtstelling (ots)	4	Juridische Status	2.16.840.1.113883.2.4.3.11.22.232	Onder toezichtstelling (ots)
In bewaringstelling (ibs)	5	Juridische Status	2.16.840.1.113883.2.4.3.11.22.232	In bewaringstelling (ibs)
Voogdij	6	Juridische Status	2.16.840.1.113883.2.4.3.11.22.232	Voogdij
Bewindvoering	7	Juridische Status	2.16.840.1.113883.2.4.3.11.22.232	Bewindvoering
Mentorschap	8	Juridische Status	2.16.840.1.113883.2.4.3.11.22.232	Mentorschap
Onder curatele stelling	9	Juridische Status	2.16.840.1.113883.2.4.3.11.22.232	Onder curatele stelling
Zaakwaarneming	10	Juridische Status	2.16.840.1.113883.2.4.3.11.22.232	Zaakwaarneming
Strafrechterlijke justitiële contacten: tbs	11	Juridische Status	2.16.840.1.113883.2.4.3.11.22.232	Strafrechterlijke justitiële contacten: tbs
Strafrechterlijke justitiële contacten: overig	12	Juridische Status	2.16.840.1.113883.2.4.3.11.22.232	Strafrechterlijke justitiële contacten: overig

«document»		PermissionCodelist		
<b>Definitie</b>				
<b>Datatype</b>				
<b>DCM::ValueSetId</b>	2.16.840.1.113883.2.4.3.11.60.40.2.14.3.1			
<b>Opties</b>				
<b>ToestemmingCodelist</b>		<b>OID: 2.16.840.1.113883.2.4.3.11.60.40.2.14.3.1</b>		
Concept Name	Concept Code	CodeSys. Name	CodeSystem OID	Description
Geen instemming patiënt	1	InstemmingStatus	2.16.840.1.113883.2.4.3.11.60.40.4.6.1	Geen instemming patiënt
Instemming patiënt	2	InstemmingStatus	2.16.840.1.113883.2.4.3.11.60.40.4.6.1	Instemming patiënt
Geen instemming wettelijk vertegenwoordiger	3	InstemmingStatus	2.16.840.1.113883.2.4.3.11.60.40.4.6.1	Geen instemming wettelijk vertegenwoordiger
Instemming wettelijke vertegenwoordiger	4	InstemmingStatus	2.16.840.1.113883.2.4.3.11.60.40.4.6.1	Instemming wettelijke vertegenwoordiger

## 1.8 Example Instances



VrijheidsbeperkendeMaatregelen	
JuridischeStatus	
Wilsbekwaam	Nee
WilsbekwaamToelichting	Wilsonbekwaam t.a.v. geldzaken.
Interventie	
SoortInterventie	Links armspalk i.v.m. infuus.
Toestemming	Instemming wettelijke vertegenwoordiger
AanvangEpisode	01-05-2014
EindeEpisode	05-05-2014

## 1.9 Instructions

Mental healthcare uses a national registration system (Argus registration) when implementing medical restraints. In this context the codelists ArgusInterventieCodelijst and ArgusInstemmingCodelijs are applicable. In all other cases the codelists SoortInterventieCodelijst en ToestemmingCodelijst shall be used

## 1.10 Interpretation

## 1.11 Care Process

## 1.12 Example of the Instrument

## 1.13 Constraints

## 1.14 Issues

## 1.15 References

1. Handreiking Argus [Online] Beschikbaar op: <http://www.veilgezorgiederszorg.nl/speerpunt-dwang-en-drang/handreiking-argus-def.pdf> [Geraadpleegd: 13 februari 2015]
2. Argus [Online] Beschikbaar op: <http://www.veilgezorgiederszorg.nl/speerpunten/dwang-en-drang.html> [Geraadpleegd: 13 februari 2015]
3. Handreiking "Vrijheidsbeperking in het ziekenhuis? Nee, tenzij..." (V&VN, 2013) [Online] Beschikbaar op: [http://www.venvn.nl/Portals/1/Nieuws/2014%20Documenten/WEB\\_VenVN\\_Handl\\_VBI.pdf](http://www.venvn.nl/Portals/1/Nieuws/2014%20Documenten/WEB_VenVN_Handl_VBI.pdf) [Geraadpleegd: 13 februari 2015]

## 1.16 Functional Model

## 1.17 Traceability to other Standards

## 1.18 Disclaimer

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