

Health & Care Information Model: nl.zorg.MedicationContraIndication- v2.0.1

Status: Final

Release status: Prepublished

Content

1. nl.zorg.MedicationContraIndication-v2.0.1	3
1.1 Revision History.....	3
1.2 Concept	3
1.3 Mindmap	3
1.4 Purpose.....	3
1.5 Patient Population	3
1.6 Evidence Base	4
1.7 Information Model	4
1.8 Example Instances.....	6
1.9 Instructions.....	6
1.10 Interpretation.....	7
1.11 Care Process	7
1.12 Example of the Instrument	7
1.13 Constraints.....	7
1.14 Issues	7
1.15 References	7
1.16 Functional Model	7
1.17 Traceability to other Standards.....	7
1.18 Disclaimer	7
1.19 Terms of Use	8
1.20 Copyrights	8

1. nl.zorg.MedicationContraIndication-v2.0.1

DCM::CoderList	*
DCM::ContactInformation.Address	*
DCM::ContactInformation.Name	*
DCM::ContactInformation.Telecom	*
DCM::ContentAuthorList	*
DCM::CreationDate	15-06-2020
DCM::DeprecatedDate	
DCM::DescriptionLanguage	nl
DCM::EndorsingAuthority.Address	
DCM::EndorsingAuthority.Name	*
DCM::EndorsingAuthority.Telecom	
DCM::Id	2.16.840.1.113883.2.4.3.11.60.40.3.9.14
DCM::KeywordList	
DCM::LifecycleStatus	Final
DCM::ModelerList	*
DCM::Name	nl.zorg.MedicatieContraIndicatie
DCM::PublicationDate	15-10-2023
DCM::PublicationStatus	Prepublished
DCM::ReviewerList	
DCM::RevisionDate	04-09-2023
DCM::Supersedes	nl.zorg.MedicatieContraIndicatie-v2.0
DCM::Version	2.0.1
HCIM::PublicationLanguage	EN

1.1 Revision History

Publicatieversie 1.0 (01-09-2020)

Publicatieversie 1.1 (01-12-2021)

Bevat: ZIB-1253, ZIB-1254, ZIB-1268, ZIB-1283, ZIB-1401.

Publicatieversie 2.0 (10-06-2022)

Bevat: ZIB-1608, ZIB-1765.

Publicatieversie 2.0.1 (15-10-2023)

Bevat: ZIB-1863, ZIB-1960, ZIB-2009, ZIB-2010.

1.2 Concept

A contraindication (CI) for medication safety is a condition or characteristic of a patient in which certain medicines may not be used, or only used under certain conditions.

1.3 Mindmap

1.4 Purpose

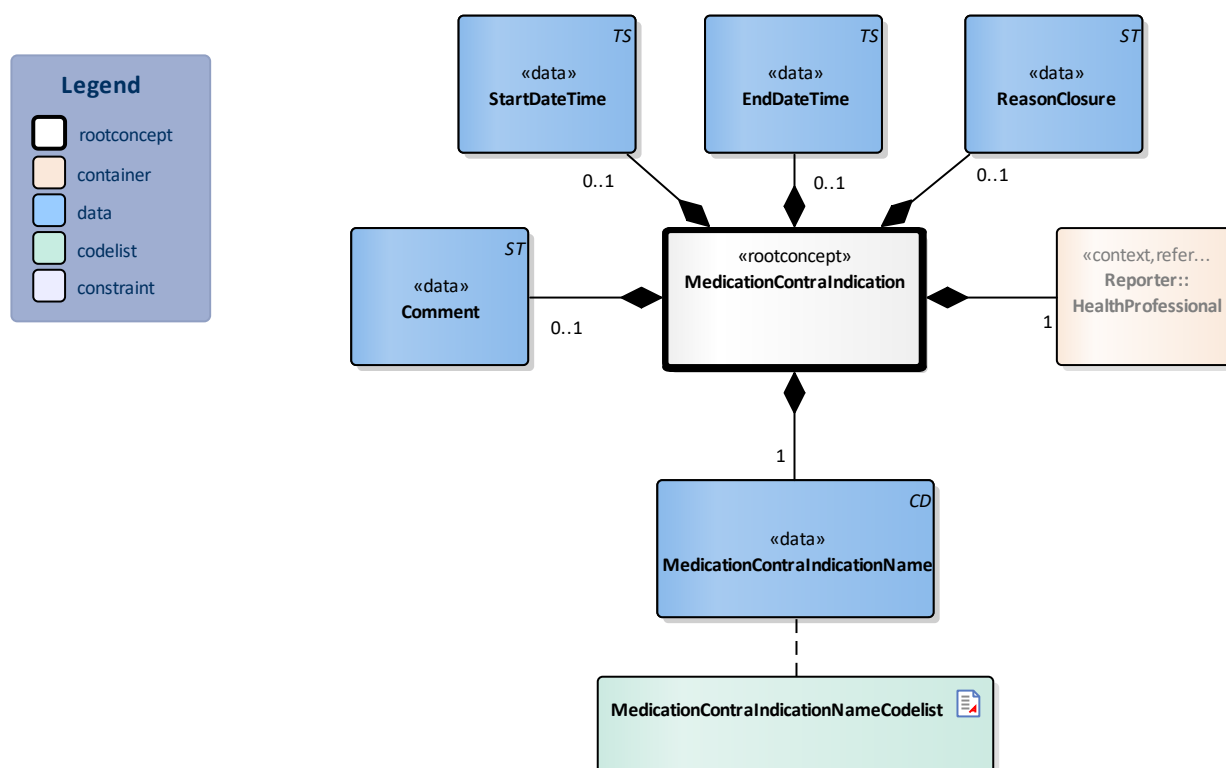
Contraindications should be taken into account with drug treatment. These are important for medication safety monitoring.

1.5 Patient Population

1.6 Evidence Base

A number of contraindications for medication safety are disorders that are also recorded as a problem (HCIM Problem) and/or as a warning (HCIM Alert) and not only as a medication contraindication . In the Netherlands it is important to also capture these via the G standard (thesaurus 40) as a contraindication. Contra indications are used for medication safety. Through its use in these applications, important warnings/signals are given to healthcare providers.

1.7 Information Model



«rootconcept»	MedicationContraIndication	
Definitie	Root concept of the MedicationContraIndication information model. This root concept contains all data elements of the MedicationContraIndication information model.	
Datatype		
DCM::ConceptId	NL-CM:9.14.1	
DCM::DefinitionCode	SNOMED CT: 140401000146105 contra-indicatie met betrekking op medicatiebewaking	
Opties		

«data»	StartDateTime	
Definitie	The date and possibly time when the contraindication for medication was identified.	
Datatype	TS	
DCM::ConceptId	NL-CM:9.14.2	
DCM::DefinitionCode	SNOMED CT: 140821000146104 datum waarop contra-indicatie is vastgesteld	
DCM::ExampleValue	01-10-2019	

Opties	
---------------	--

«data»	EndDateTime	
Definitie	The date and, if applicable, time when the contraindication for medication monitoring is considered no longer applicable.	
Datatype	TS	
DCM::ConceptId	NL-CM:9.14.3	
DCM::DefinitionCode	SNOMED CT: 140831000146102 datum waarop contra-indicatie afgesloten is	
DCM::ExampleValue	09-2020	
Opties		

«data»	ReasonClosure	
Definitie	Reason for closing the medication contraindication.	
Datatype	ST	
DCM::ConceptId	NL-CM:9.14.4	
DCM::DefinitionCode	SNOMED CT: 157151000146104 Reason for expiration of medical contraindication	
DCM::ExampleValue	Nierfunctie momenteel goed.	
Opties		

«context»	Reporter::HealthProfessional	
Definitie	The health professional who takes responsibility for registering the contraindication.	
Datatype		
DCM::ConceptId	NL-CM:9.14.5	
DCM::ReferencedConceptId	NL-CM:17.1.1	This is a reference to the rootconcept of information model HealthProfessional.
Opties		

«data»	MedicationContraIndicationName	
Definitie	The name and code of the contraindication from the Dutch National Contraindication list (G-standard Thesaurus 40).	
Datatype	CD	
DCM::ConceptId	NL-CM:9.14.6	
DCM::DefinitionCode	SNOMED CT: 129850005 At risk for negative response to medication	
DCM::ValueSet	MedicationContraIndication NameCodelist	OID: 2.16.840.1.113883.2.4.3.11.60.40.2.9.14.1
Opties		

«data»	Comment	
Definitie	Comment on the contraindication important for interpretation which cannot be captured in any of the other data items. For example, a comment on a contraindication with an end date in the future.	
Datatype	ST	
DCM::ConceptId	NL-CM:9.14.7	

DCM::DefinitionCode	LOINC: 48767-8 Annotation comment [Interpretation] Narrative	
DCM::ExampleValue	Einddatum is in toekomst ivm geplande operatie	
Opties		

«document»	MedicationContraIndicationNameCodelist	
Definitie		
Datatype		
DCM::ValueSetBinding	Required	
DCM::ValueSetId	2.16.840.1.113883.2.4.3.11.60.40.2.9.14.1	
HCIM::ValueSetLanguage	--	
Opties		

MedicatieContraIndicatieNaamCodelijst		OID: 2.16.840.1.113883.2.4.3.11.60.40.2.9.14.1
Codes	Coding Syst. Name	Coding System OID
alle waarden	G-standaard Contra Indicaties (Thesaurus 40)	2.16.840.1.113883.2.4.4.1.902.40

	Legend
Definitie	
Datatype	
Opties	

1.8 Example Instances

MedicatieContraIndicatie							
Contra Indicatie	BeginDatum	EindDatum	Reden van Afsluiten	Toelichting	Zorgverlener::Melder		
					Naam	Specialisme	Zorgaanbieder
(1320) Zwangerschap	08-06-2020	08-03-2021			D. Bakker	Huisarts	Huisartsenpraktijk Bakker
(0210) Sportbeoefening	01-08-2015			Handboogschieten	K. Vriendwijk	Huisarts	Huisartsenpraktijk 't Zonnetje
(113) Morbide obesitas	31-12-2016	21-09-2019	Heeft gewicht verloren		T. de Groot	Huisarts	Zorginstelling De beste zorg
(1355) Bariatrische chirurgie	10-04-2019				L. de Jong	Chirurg	Ziekenhuis Kwaliteit en Veiligheid

1.9 Instructions

In the G-standard Thesaurus 40, Z-Index uses 2 terms.

1. The contraindication nature: the list of items referred to from MedicationContraIndicationName and
2. the contraindication: the combination of recorded contraindication nature + the medicine (the contraindication codes from file 655).

This last combination between contraindication nature and medication is made via this MedicationContraIndication HCIM and one or more of the other medication HCIMs. For example in a medication process use-case ePrescription and/or dispense of medication.

1.10 Interpretation

1.11 Care Process

1.12 Example of the Instrument

1.13 Constraints

1.14 Issues

1.15 References

1. Medicatiebewaking [online] beschikbaar op <https://www.z-index.nl/documentatie> [Geraadpleegd: 19 juni 2020]

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.