Health & Care Information Model:

nl.nfu.PulseRate-v1.2

Status:Final
Release:2015
Release status: Published

Managed by:

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Content

1. nl.nfu.PulseRate-v1.2

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	12-11-2012
DCM::DeprecatedDate	
DCM::DescriptionLanguage	nl
DCM::EndorsingAuthority.Address	
DCM::EndorsingAuthority.Name	NFU
DCM::EndorsingAuthority.Telecom	
DCM::Id	2.16.840.1.113883.2.4.3.11.60.40.3.12.7
DCM::KeywordList	pols, polsfrequentie, polsslag, pulsus
DCM::LifecycleStatus	Final
DCM::ModelerList	Kerngroep Registratie aan de Bron
DCM::Name	nl.nfu.Polsfrequentie
DCM::PublicationDate	1-4-2015
DCM::PublicationStatus	Published
DCM::ReviewerList	Projectgroep Generieke Overdrachtsgegevens & Kerngroep Registratie aan de Bron
DCM::RevisionDate	1-4-2015
DCM::Superseeds	
DCM::Version	1.2
HCIM::PublicationLanguage	EN

1.1 Revision History

Publicatieversie 1.0 (15-02-2013)
-

Publicatieversie 1.1 (01-07-2013)
Bevat: ZIB-45.

Publicatieversie 1.2 (01-04-2015)
Bevat: ZIB-79, ZIB-266, ZIB-308.

Incl. algemene wijzigingsverzoeken:
ZIB-94, ZIB-154, ZIB-200, ZIB-201, ZIB-309, ZIB-324, ZIB-326.

1.2 Concept

The pulse rate is the number of palpations per minute measured at an artery.
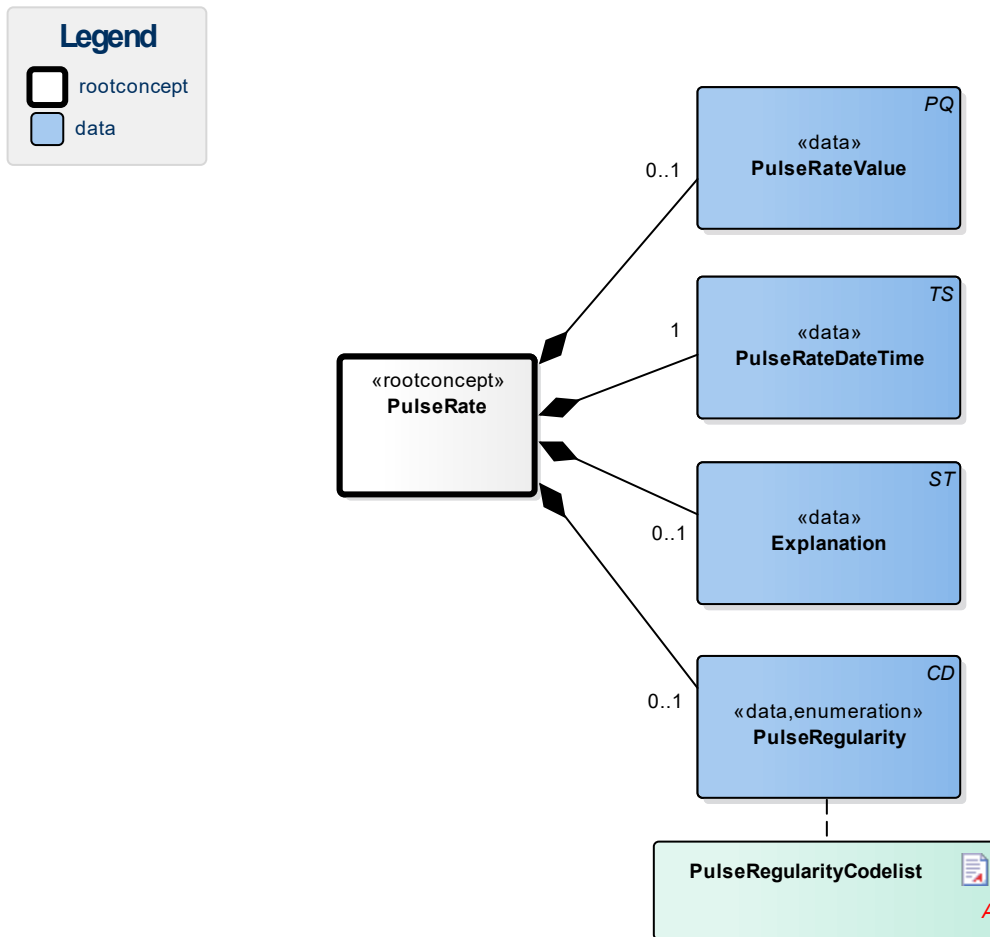
1.3 Mindmap

1.4 Purpose

Obtaining information on the circulation and heart function by measuring the number of beats per minute and the regularity in artery palpation.

1.5   Patient Population

1.6   Evidence Base

1.7   Information Model

«rootconcept»	PulseRate	
Definitie	Root concept of the PulseRate building block. This root concept contains all data elements of the PulseRate building block.	
Datatype		
DCM::ConceptId	NL-CM:12.7.1	
Opties		

«data»	PulseRateValue	
Definitie	The element contains the value of the pulse rate measured. The pulse rate is expressed in the number of tangible pulsations of an artery per minute, usually the a. radialis, a. carotis or a. femoralis.	
Datatype	PQ	
DCM::ConceptId	NL-CM:12.7.2	

DCM::DefinitionCode	SNOMED CT: 78564009 Pulse rate (observable entity)	
DCM::ExampleValue	76/min	
Opties		

«data»	PulseRateDateTime	
Definitie	Date and time of the pulse rate or pulse regularity measurement.	
Datatype	TS	
DCM::ConceptId	NL-CM:12.7.3	
Opties		

«data»	Explanation	
Definitie	Explanation of any problems or factors that may influence the measurement. Further explanation of pulse properties can be provided here as well: aequale/inaequale, pulsus alternans, pulsus paradoxus, pulse volume, etc.	
Datatype	ST	
DCM::ConceptId	NL-CM:12.7.4	
Opties		

«data»	PulseRegularity	
Definitie	Regular or irregular rhythm.	
Datatype	CD	
DCM::ConceptId	NL-CM:12.7.5	
DCM::ValueSet	PulseRegularityCodelist	OID: 2.16.840.1.113883.2.4.3.11.60.40.2.12.7.1
Opties		

«document»	PulseRegularityCodelist	
Definitie		
Datatype		
DCM::ValueSetId	2.16.840.1.113883.2.4.3.11.60.40.2.12.7.1	
Opties		

PolsRegelmatigheidCodelijst			OID: 2.16.840.1.113883.2.4.3.11.60.40.2.12.7.1		
Concept Name	Concept Code	Coding Syst. Name	Coding System OID	Description
Pulse regular	271636001	SNOMED-CT	2.16.840.1.113883.6.96	Polsslag regelmatig
Pulse irregular	61086009	SNOMED-CT	2.16.840.1.113883.6.96	Polsslag onregelmatig

1.8 Example Instances

PolsFrequentie DatumTijd	PolsfrequentieWaarde	PolsRegelmatigheid	Toelichting
08-02-2013 6:43	50/min	Polsslag onregelmatig	Sportvrouw

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.heart_rate-pulse.v1[Online] Beschikbaar op: http://www.openehr.org/knowledge/ [Geraadpleegd: 23 februari 2015].

1.16 Functional Model

1.17 Traceability to other Standards

1.18 Disclaimer

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