

# Health & Care Information Model: nl.zorg.Polsfrequentie

Final

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## 1. nl.zorg.Polsfrequentie-v3.0

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	12-11-2012
DCM::DeprecatedDate	
DCM::DescriptionLanguage	nl
DCM::EndorsingAuthority.Address	
DCM::EndorsingAuthority.Name	PM
DCM::EndorsingAuthority.Telecom	
DCM::Id	2.16.840.1.113883.2.4.3.11.60.40.3.12.7
DCM::KeywordList	pols, polsfrequentie, polsslag, pulsus
DCM::LifecycleStatus	Final
DCM::ModelerList	Kerngroep Registratie aan de Bron
DCM::Name	nl.zorg.Polsfrequentie
DCM::PublicationDate	1-5-2016
DCM::PublicationStatus	Published
DCM::ReviewerList	Projectgroep Generieke Overdrachtsgegevens & Kerngroep Registratie aan de Bron
DCM::RevisionDate	1-4-2015
DCM::Superseeds	nl.nfu.Polsfrequentie-v1.2
DCM::Version	3.0

### 1.1 Revision History

Publicatieversie 1.0 (15-02-2013)

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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.

Publicatieversie 3.0 (01-05-2016)

Bevat: ZIB-453.

### 1.2 Concept

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

### 1.3 Mindmap

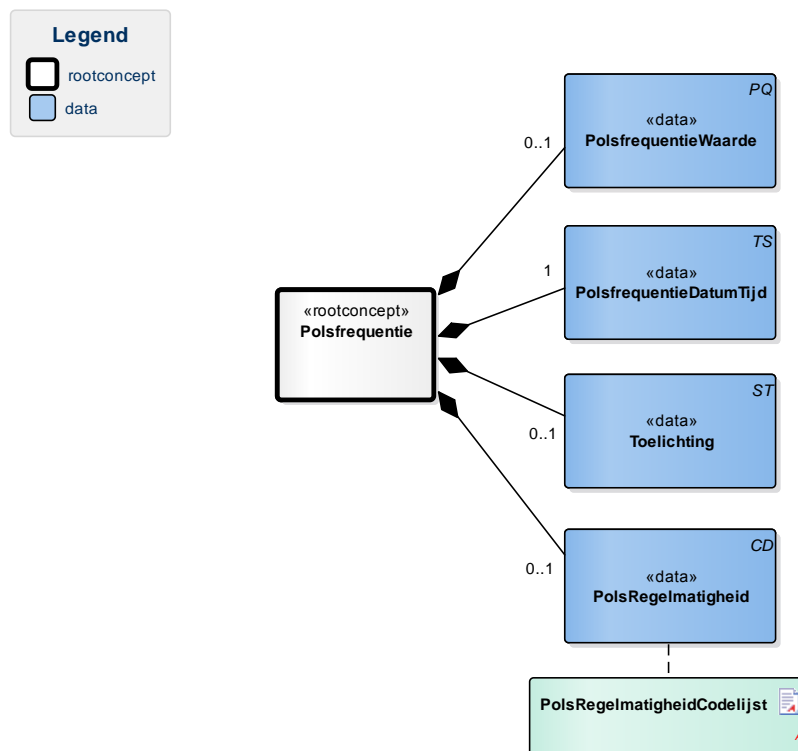
### 1.4 Purpose

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»	Polsfrequentie
<b>Definitie</b>	Root concept of the PulseRate information model. This root concept contains all data elements of the PulseRate information model.

<b>Datatype</b>	
<b>DCM::DefinitionCode</b>	NL-CM:12.7.1
<b>Opties</b>	

<b>«data»</b>	<b>PolsfrequentieWaarde</b>
<b>Definitie</b>	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.
<b>Datatype</b>	PQ
<b>DCM::DefinitionCode</b>	NL-CM:12.7.2
<b>DCM::DefinitionCode</b>	SNOMED CT: 78564009 Pulse rate (observable entity)
<b>DCM::ExampleValue</b>	76/min
<b>Opties</b>	

<b>«data»</b>	<b>PolsfrequentieDatumTijd</b>
<b>Definitie</b>	Date and time of the pulse rate or pulse regularity measurement.
<b>Datatype</b>	TS
<b>DCM::DefinitionCode</b>	NL-CM:12.7.3
<b>Opties</b>	

<b>«data»</b>	<b>Toelichting</b>
<b>Definitie</b>	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.
<b>Datatype</b>	ST
<b>DCM::DefinitionCode</b>	NL-CM:12.7.4
<b>Opties</b>	

<b>«data»</b>	<b>PolsRegelmatigheid</b>
<b>Definitie</b>	Regular or irregular rhythm.
<b>Datatype</b>	CD
<b>DCM::DefinitionCode</b>	NL-CM:12.7.5
<b>DCM::ValueSet</b>	PolsRegelmatigheidCodelijst OID: 2.16.840.1.113883.2.4.3.11.60.40.2.12.7.1
<b>Opties</b>	

<b>«document»</b>	<b>PolsRegelmatigheidCodelijst</b>			
<b>Definitie</b>				
<b>Datatype</b>				
<b>Opties</b>				
<b>PolsRegelmatigheidCodelijst</b>	<b>OID: 2.16.840.1.113883.2.4.3.11.60.40.2.12.7.1</b>			
<b>Concept Name</b>	<b>Concept Code</b>	<b>Coding Syst.</b>	<b>Coding System OID</b>	<b>Description</b>

		Name		
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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