

# Health & Care Information Model: nl.nfu.HealthProfessional-v1.2.1

Status:Final

Release:2015

Release status: Published

Managed by:

Better health  
through better IT

Nictiz 

# Content

<b>1. nl.nfu.HealthProfessional-v1.2.1</b>	<b>3</b>
1.1 Revision History	3
1.2 Concept	3
1.3 Mindmap	3
1.4 Purpose	4
1.5 Patient Population	4
1.6 Evidence Base	4
1.7 Information Model	4
1.8 Example Instances	7
1.9 Instructions	7
1.10 Interpretation	8
1.11 Care Process	8
1.12 Examples of the Instrument	8
1.13 Constraints	8
1.14 Issues	8
1.15 References	8
1.16 Functional Model	8
1.17 Traceability to other Standards	8
1.18 Disclaimer	8
1.19 Terms of Use	9
1.20 Copyrights	9

# 1. nl.nfu.HealthProfessional-v1.2.1

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	13-8-2012
DCM::DeprecatedDate	
DCM::DescriptionLanguage	nl
DCM::EndorsingAuthority.Address	
DCM::EndorsingAuthority.Name	NFU
DCM::EndorsingAuthority.Telecom	
DCM::Id	2.16.840.1.113883.2.4.3.11.60.40.3.17.1
DCM::KeywordList	zorgverlener, zorgaanbieder
DCM::LifecycleStatus	Final
DCM::ModelerList	Kerngroep Registratie aan de Bron
DCM::Name	nl.nfu.Zorgverlener
DCM::PublicationDate	1-4-2015
DCM::PublicationStatus	Published
DCM::ReviewerList	Projectgroep Generieke Overdrachtsgegevens & Kerngroep Registratie aan de Bron
DCM::RevisionDate	16-7-2015
DCM::Superseeds	
DCM::Version	1.2.1
HCIM::PublicationLanguage	EN

## 1.1 Revision History

Publicatieversie 1.0 (15-02-2013)

-

Publicatieversie 1.1 (01-07-2013)

Bevat: ZIB-42, ZIB-34.

Publicatieversie 1.2 (01-04-2015)

Bevat: ZIB-70, ZIB-104, ZIB-105, ZIB-287, ZIB-288, ZIB-289, ZIB-290, ZIB-291, ZIB-308, ZIB-343, ZIB-344, ZIB-353.

Incl. algemene wijzigingsverzoeken:

ZIB-94, ZIB-154, ZIB-200, ZIB-201, ZIB-309, ZIB-324, ZIB-326.

Publicatieversie 1.2.1 (16-07-2015)

Bevat: ZIB-413.

## 1.2 Concept

A healthcare provider is a person authorized to act in individual healthcare.

## 1.3 Mindmap

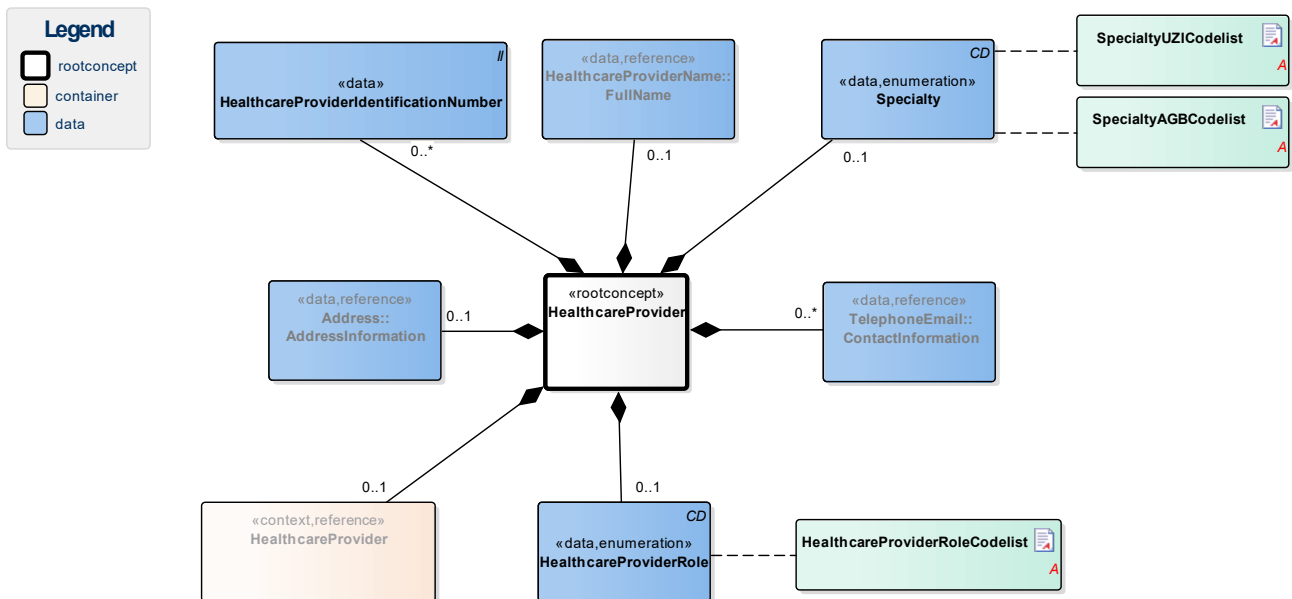
## 1.4 Purpose

The purpose of this building block is documenting the identity of people providing healthcare. For healthcare providers, information must be sufficiently complete for reference and auditing: if known, the name is mandatory. If an identification number is given such as a UZI or AGB number, the name and number have to match.

## 1.5 Patient Population

## 1.6 Evidence Base

## 1.7 Information Model



«rootconcept»	HealthcareProvider
<b>Definitie</b>	Root concept of the HealthcareProvider building block. This root concept contains all data elements of the HealthcareProvider building block.
<b>Datatype</b>	
<b>DCM::ConceptId</b>	NL-CM:17.1.1
<b>Opties</b>	

«data»	HealthcareProviderIdentificationNumber
<b>Definitie</b>	<p>The healthcare provider identification number is a number that uniquely identifies the healthcare provider.</p> <p>The following numbers are used in the Netherlands:</p> <ol style="list-style-type: none"> <li>1. UZI Healthcare provider. Identification of healthcare providers (people) in the Dutch healthcare industry.</li> <li>2. VEKTIS AGB-Z. Identifies healthcare providers and healthcare organizations</li> <li>3. BIG-ID. The ID of the healthcare provider listed in the BIG Register.</li> </ol>

	This information is not readily available for foreign healthcare providers.	
<b>Datatype</b>	II	
<b>DCM::AssigningAuthority</b>	UZI nummer natuurlijke personen	OID: 2.16.528.1.1007.3.1
<b>DCM::AssigningAuthority</b>	BIG register inschrijvingsnummer	OID: 2.16.528.1.1007.5.1
<b>DCM::AssigningAuthority</b>	Vektis AGB-zorgverlener tabel	OID: 2.16.840.1.113883.2.4.6.1
<b>DCM::ConceptId</b>	NL-CM:17.1.2	
<b>DCM::ExampleValue</b>	21870932	
<b>Opties</b>		

<b>«data»</b>	<b>HealthcareProviderName::FullName</b>	
<b>Definitie</b>	Healthcare provider's full name. If a healthcare provider identification number is entered, it will be the name as listed in UZI, AGB or by the healthcare center.	
<b>Datatype</b>		
<b>DCM::ConceptId</b>	NL-CM:17.1.3	
<b>DCM::ReferencedConceptId</b>	NL-CM:0.1.6	This is a reference to concept Naamgegevens in information model Patient.
<b>Opties</b>		

<b>«data»</b>	<b>Specialty</b>	
<b>Definitie</b>	Healthcare provider's medical specialty. This refers to the recognized medical specialties as stated in the BIG Act.	
<b>Datatype</b>	CD	
<b>DCM::ConceptId</b>	NL-CM:17.1.4	
<b>DCM::DefinitionCode</b>	SNOMED CT: 394658006 clinical speciality	
<b>DCM::ExampleValue</b>	Cardioloog	
<b>DCM::ValueSet</b>	SpecialtyUZICodelist	OID: 2.16.840.1.113883.2.4.3.11.60.40.2.17.1.6
<b>DCM::ValueSet</b>	SpecialtyAGBCodelist	OID: 2.16.840.1.113883.2.4.3.11.60.40.2.17.1.7
<b>Opties</b>		

<b>«data»</b>	<b>Address::AddressInformation</b>	
<b>Definitie</b>	Healthcare provider's address information. Refers to the model for address information in the Patient building block.	
<b>Datatype</b>		
<b>DCM::ConceptId</b>	NL-CM:17.1.7	
<b>DCM::ReferencedConceptId</b>	NL-CM:0.1.4	This is a reference to concept Adresgegevens in information model Patient
<b>Opties</b>		

<b>«data»</b>	<b>TelephoneEmail::ContactInformation</b>	
<b>Definitie</b>	Healthcare provider's telephone number(s) or e-mail address(es).	
<b>Datatype</b>		
<b>DCM::ConceptId</b>	NL-CM:17.1.8	

<b>DCM::ReferencedConceptId</b>	NL-CM:0.1.5	This is a reference to concept Contactgegevens in information model Patient.
<b>Opties</b>		

<b>«context»</b>	<b>HealthcareProvider</b>	
<b>Definitie</b>	The organization the healthcare provider works for.	
<b>Datatype</b>		
<b>DCM::ConceptId</b>	NL-CM:17.1.6	
<b>DCM::ReferencedConceptId</b>	NL-CM:17.2.1	This is a reference to concept Zorgaanbieder in information model Zorgaanbieder
<b>Opties</b>		

<b>«data»</b>	<b>HealthcareProviderRole</b>	
<b>Definitie</b>	The role the healthcare provider fulfils in the healthcare process. For healthcare providers, this could be for example main practitioner, referrer or general practitioner.	
<b>Datatype</b>	CD	
<b>DCM::ConceptId</b>	NL-CM:17.1.5	
<b>DCM::ExampleValue</b>	Hoofdbehandelaar	
<b>DCM::ValueSet</b>	HealthcareProviderRoleCode list	OID: 2.16.840.1.113883.2.4.3.11.60.40.2.17.1.5
<b>Opties</b>		

<b>«document»</b>	<b>SpecialtyAGBCodelist</b>	
<b>Definitie</b>		
<b>Datatype</b>		
<b>DCM::ValueSetId</b>	2.16.840.1.113883.2.4.3.11.60.40.2.17.1.7	
<b>Opties</b>		

<b>SpecialismeAGBCodelijst</b>		<b>OID: 2.16.840.1.113883.2.4.3.11.60.40.2.17.1.7</b>
<b>Codes</b>	<b>Coding Syst. Name</b>	<b>Coding System OID</b>
Alle waarden	COD016-VEKT (Vektis AGB-medische specialismen)	2.16.840.1.113883.2.4.6.7

<b>«document»</b>	<b>SpecialtyUZICodelist</b>	
<b>Definitie</b>		
<b>Datatype</b>		
<b>DCM::ValueSetId</b>	2.16.840.1.113883.2.4.3.11.60.40.2.17.1.6	
<b>Opties</b>		

<b>SpecialismeUZICodelijst</b>		<b>OID: 2.16.840.1.113883.2.4.3.11.60.40.2.17.1.6</b>
<b>Codes</b>	<b>Coding Syst. Name</b>	<b>Coding System OID</b>
Alle waarden	RoleCodeNL (Zorgverlenertype (personen))	2.16.840.1.113883.2.4.15.111

<b>«document»</b>	<b>HealthcareProviderRoleCodelist</b>	
<b>Definitie</b>		
<b>Datatype</b>		

DCM::ValueSetId	2.16.840.1.113883.2.4.3.11.60.40.2.17.1.5			
Opties				
ZorgverlenerRolCodelijst	OID: 2.16.840.1.113883.2.4.3.11.60.40.2.17.1.5			
Concept Name	Concept Code	Coding Syst. Name	Coding System OID	Description
Responsible Party	RESP	ParticipationType	2.16.840.1.113883.5.90	Hoofdbehandelaar
Referrer	REF	ParticipationType	2.16.840.1.113883.5.90	Verwijzer
Performer	PRG	ParticipationType	2.16.840.1.113883.5.90	Uitvoerder
Consultant	CON	ParticipationType	2.16.840.1.113883.5.90	Consulent
Attender	ATND	ParticipationType	2.16.840.1.113883.5.90	Behandelaar
Other	OTH	NullFlavour	2.16.840.1.113883.5.1008	Anders

## 1.8 Example Instances

Zorgverlener	
ZorgverlenerIdentificatieNummer	21870932
ZorgverlenerRol	Hoofdbehandelaar
Specialisme	Neuroloog
ZorgverlenerNaam	
Initialen	J.H.R.
Geslachtsnaam	Peters
Adres	
Straat	Simon Smitweg
Huisnummer	1
Woonplaats	Leiderdorp
Gemeente	
Postcode	2353 GA
AdresSoort	Werkadres
Land	Nederland
TelefoonEmail	
Telefoonnummer	+3715828282
NummerSoort	Zakelijk telefoonnummer
EmailAdres	<a href="mailto:j.peters@hospital.nl">j.peters@hospital.nl</a>
EmailSoort	Zakelijk e-mailadres

## 1.9 Instructions

The HealthcareProvider building block contains at least the patient's most important healthcare providers, such as the current main practitioner as well as any other practitioners.

## 1.10 Interpretation

## 1.11 Care Process

## 1.12 Examples of the Instrument

## 1.13 Constraints

## 1.14 Issues

## 1.15 References

1. Implementatiehandleiding HL7v3 Basiscomponenten, Stichting HL7 Nederland [Online] Beschikbaar op: [http://www.hl7.nl/images/downloads/Implementatiehandleiding%20HL7v3%20Basiscomponenten%20%202.3NL\\_secure.pdf](http://www.hl7.nl/images/downloads/Implementatiehandleiding%20HL7v3%20Basiscomponenten%20%202.3NL_secure.pdf) [Geraadpleegd: 23 februari 2015].

## 1.16 Functional Model

## 1.17 Traceability to other Standards

## 1.18 Disclaimer

The program 'Registratie aan de Bron' [Registration at the Source] is a collaboration between the NFU (Nederlandse Federatie van Universitair Medische Centra, [Netherlands Federation of University Medical Centers]) and Nictiz, hereinafter referred to as the partners. Other parties outside the university medical centers and Nictiz also made important contributions to and worked within 'Registration at the Source'. The parties pay the utmost attention to the reliability and topicality of the data in these Healthcare Information Building Blocks (Clinical Building Block). Omissions and inaccuracies may however occur. The 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 provided by the parties to you or by you to the parties via a website or via e-mail, or any other digital means.

The 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 this Healthcare Information Building Block. The parties will not accept any liability for the content of information in this Healthcare Information Building Block to which or from which a hyperlink is referred.

In the event of contradictions in said Healthcare Information Building Block 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 this Healthcare Information Building Block is also distributed in writing, the written version will be leading in cases 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 information in this Healthcare Information Building Block without limitations. The copyright provisions in the paragraph in question apply to copying, distributing and passing on information from this Healthcare Information Building Block.

## 1.20 Copyrights

The user may copy, distribute and pass on the information in this Healthcare Information Building Block 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 (also see <http://creativecommons.org/licenses/by-nc-sa/3.0/nl/>)