Health & Care Information Model:

nl.zorg.TobaccoUse-v3.2

Status:Final
Release:2019
Release status: Prepublished

Managed by:

Content

1. nl.zorg.TobaccoUse-v3.2

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	5-7-2012
DCM::DeprecatedDate	
DCM::DescriptionLanguage	nl
DCM::EndorsingAuthority.Address	
DCM::EndorsingAuthority.Name	PM
DCM::EndorsingAuthority.Telecom	
DCM::Id	2.16.840.1.113883.2.4.3.11.60.40.3.7.2
DCM::KeywordList	social history, sociale anamnese, roken, tabak
DCM::LifecycleStatus	Final
DCM::ModelerList	Kerngroep Registratie aan de Bron
DCM::Name	nl.zorg.TabakGebruik
DCM::PublicationDate	06-07-2019
DCM::PublicationStatus	Prepublished
DCM::ReviewerList	Projectgroep Generieke Overdrachtsgegevens & Kerngroep Registratie aan de Bron
DCM::RevisionDate	31-12-2017
DCM::Superseeds	nl.zorg.TabakGebruik-v3.1
DCM::Version	3.2
HCIM::PublicationLanguage	EN

1.1 Revision History

Publicatieversie 1.0 (15-02-2013)

Publicatieversie 1.1 (01-07-2013)

Publicatieversie 1.2 (01-04-2015)
Bevat: ZIB-118, ZIB-142, ZIB-158, ZIB-167, ZIB-236, ZIB-237, ZIB-308, ZIB-346.

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

Publicatieversie 1.2.1 (22-05-2015)
Bevat: ZIB-379.

Publicatieversie 3.0 (01-05-2016)
Bevat: ZIB-453.

Publicatieversie 3.1 (04-09-2017)
Bevat: ZIB-474, ZIB-488, ZIB-505, ZIB-512, ZIB-562, ZIB-564.

Publicatieversie 3.2 (06-07-2019)
Bevat: ZIB-770, ZIB-716, ZIB-811.

1.2 Concept

Tobacco is a product that comes from the leaves of the tobacco plant, which is smoked as a drug. Smokable

forms of tobacco include rolling tobacco, cigarettes, cigars and pipe tobacco. This information model describes the information asked of the patient about their use of tobacco.
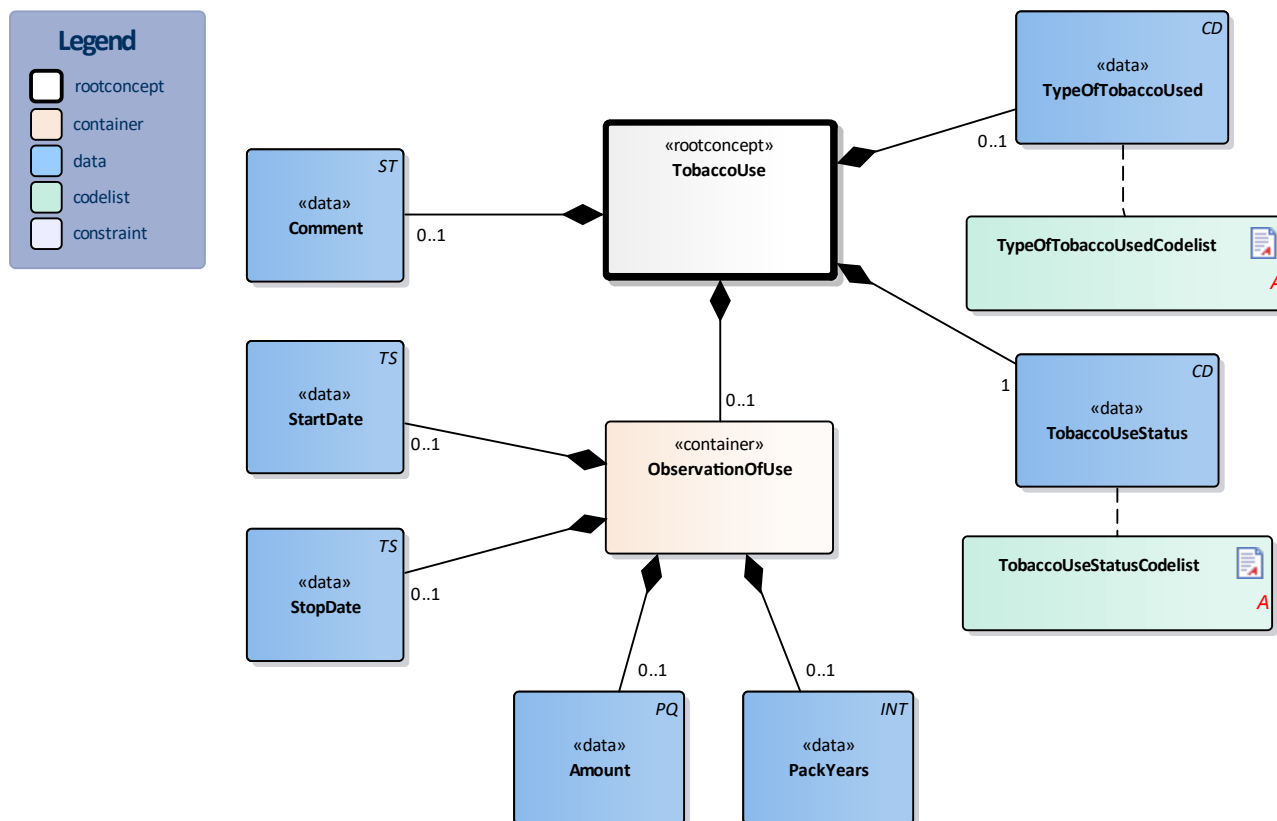
1.3 Mindmap

1.4 Purpose

During the social anamnesis, the patient is frequently asked about their use of tobacco or exposure to tobacco smoke at home or elsewhere. Information on tobacco use can be important for treatment and diagnostics.

1.5 Patient Population

1.6 Evidence Base

Exposure to tobacco is an important risk factor for things like neoplasms, degenerative diseases and vascular incidents. During the anamnesis, the patient is often asked about their current smoking pattern and number of pack years. The number of pack years is the unit that describes the total exposure to tobacco smoke, which is the number of smoked packs of cigarettes per day (one pack = 20 cigarettes) times the number of years of smoking. A different formula is often used for rolling tobacco and pipes, with one of the parameters being the number of grams per week.

1.7 Information Model

«rootconcept»	TobaccoUse
Definitie	Root concept of the TobaccoUse information model. This concept contains all data elements of the TobaccoUse information model.

Datatype	
DCM::ConceptId	NL-CM:7.2.1
Opties	

«data»	Comment	
Definitie	Relevant comments on the patient's use of tobacco.	
Datatype	ST	
DCM::ConceptId	NL-CM:7.2.3	
DCM::DefinitionCode	LOINC: 48767-8 Annotation comment	
DCM::ExampleValue	Patiënt probeert te stoppen, thuis wordt ook door partner gerookt.	
Opties		

«data»	TypeOfTobaccoUsed	
Definitie	Type of tobacco the patient uses.	
Datatype	CD	
DCM::ConceptId	NL-CM:7.2.9	
DCM::ExampleValue	Rookt sigaretten	
DCM::ValueSet	TypeOfTobaccoUsedCodelist	OID: 2.16.840.1.113883.2.4.3.11.60.40.2.7.2.3
Opties		

«data»	TobaccoUseStatus	
Definitie	The status of the patient's tobacco use.	
Datatype	CD	
DCM::ConceptId	NL-CM:7.2.10	
DCM::DefinitionCode	SNOMED CT: 365980008 Finding of tobacco use and exposure (finding)	
DCM::ExampleValue	Ex-roker	
DCM::ValueSet	TobaccoUseStatusCodelist	OID: 2.16.840.1.113883.2.4.3.11.60.40.2.7.2.2
Opties		

«container»	ObservationOfUse	
Definitie	This container contains all information on the extent to which the patient is or was exposed to tobacco.	
Datatype		
DCM::ConceptId	NL-CM:7.2.2	
Opties		

«data»	StartDate	
Definitie	The date on which the patient started smoking.	
Datatype	TS	
DCM::ConceptId	NL-CM:7.2.4	
DCM::ExampleValue	1975	
Opties		

«data»	StopDate	
Definitie	The date on which the patient quit smoking	
Datatype	TS	
DCM::ConceptId	NL-CM:7.2.5	

DCM::ExampleValue	28-02-2012	
Opties		

«data»	Amount	
Definitie	The number of cigarettes, cigars or grams of rolling tobacco consumed per day, week, month or year.	
Datatype	PQ	
DCM::ConceptId	NL-CM:7.2.6	
DCM::ExampleValue	15/d	
Opties		

«data»	PackYears	
Definitie	The unit indicating the smoker's total exposure to tobacco smoke. For cigarettes, this is calculated using the number of smoked packs of cigarettes per day (one pack = 20 cigarettes) times the number of years of smoking. For other forms of tobacco, this is usually converted to an equivalent cigarette consumption. Often, only the number of pack years is estimated.	
Datatype	INT	
DCM::ConceptId	NL-CM:7.2.7	
DCM::DefinitionCode	SNOMED CT: 401201003 Cigarette pack-years	
DCM::ExampleValue	10	
Opties		

«document»	TypeOfTobaccoUsedCodelist	
Definitie		
Datatype		
DCM::ValueSetBinding	Extensible	
DCM::ValueSetId	2.16.840.1.113883.2.4.3.11.60.40.2.7.2.3	
Opties		

SoortTabakGebruikCodelijst			OID: 2.16.840.1.113883.2.4.3.11.60.40.2.7.2.3	
Concept Name	**Concept Code**	**Coding Syst. Name**	**Coding System OID**	**Description**
Cigarette smoker (finding)	65568007	SNOMED CT	2.16.840.1.113883.6.96	Rookt sigaretten
Cigar smoker (finding)	59978006	SNOMED CT	2.16.840.1.113883.6.96	Rookt sigaren
Pipe smoker (finding)	82302008	SNOMED CT	2.16.840.1.113883.6.96	Rookt pijp
Rolls own cigarettes (finding)	160619003	SNOMED CT	2.16.840.1.113883.6.96	Rookt shag
Electronic cigarette user (finding)	722499006	SNOMED CT	2.16.840.1.113883.6.96	Rookt e-sigaret
Chews tobacco (finding)	81703003	SNOMED CT	2.16.840.1.113883.6.96	Gebruikt kauwtabak
Snuff user (finding)	228494002	SNOMED CT	2.16.840.1.113883.6.96	Gebruikt snuiftabak
Other	OTH	NullFlavor	2.16.840.1.113883.5.1008	Anders

«document»	TobaccoUseStatusCodelist	
Definitie		
Datatype		
DCM::ValueSetBinding	Extensible	
DCM::ValueSetId	2.16.840.1.113883.2.4.3.11. 60.40.2.7.2.2	
Opties		

TabakGebruikStatusCodelijst			OID: 2.16.840.1.113883.2.4.3.11.60.40.2.7.2.2	
Concept Name	**Concept Code**	**Coding Syst. Name**	**Coding System OID**	**Description**
Smokes tobacco daily (finding)	449868002	SNOMED CT	2.16.840.1.113883.6.96	Rookt dagelijks
Occasional cigarette smoker (finding)	230059006	SNOMED CT	2.16.840.1.113883.6.96	Rookt soms
Passive smoker (finding)	43381005	SNOMED CT	2.16.840.1.113883.6.96	Rookt passief
Ex-smoker (finding)	8517006	SNOMED CT	2.16.840.1.113883.6.96	Ex-roker
Current non smoker but past smoking history unknown (finding)	405746006	SNOMED CT	2.16.840.1.113883.6.96	Niet-roker, maar rookgedrag in verleden onbekend
Never smoked tobacco (finding)	266919005	SNOMED CT	2.16.840.1.113883.6.96	Nooit gerookt
Other	OTH	NullFlavor	2.16.840.1.113883.5.1008	Anders

	Legend
Definitie	
Datatype	
Opties	

1.8   Example Instances

SoortTabak Gebruik	Tabak GebruikStatus	Start Datum	StopDatum	Pack Years	Hoeveelheid	Toelichting
Rookt shag	Rookt dagelijks	1985		20	350 g per week	Probeert te stoppen. Thuis wordt ook door partner gerookt

1.9   Instructions

The pack year is a measure for smokers' exposure to tobacco smoke. The *calculation* is not included in the model. It is entered in the EPD and/or during the anamnesis and is only entered if known. This should not be calculated based on the other values in this clinical information model.

1.10 Interpretation

1.11 Care Process

1.12 Example of the Instrument

1.13 Constraints

1.14 Issues

1.15 References

1.16 Functional Model

1.17 Traceability to other Standards

1.18 Disclaimer

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