

# Health & Care Information Model:

nl.zorg.Pregnancy-v4.1

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# Content

<b>1. nl.zorg.Pregnancy-v4.1</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 .....	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 .....	7
1.20 Copyrights .....	8

# 1. nl.zorg.Pregnancy-v4.1

DCM::CoderList	Werkgroep RadB Verpleegkundige Gegevens
DCM::ContactInformation.Address	*
DCM::ContactInformation.Name	*
DCM::ContactInformation.Telecom	*
DCM::ContentAuthorList	Werkgroep RadB Verpleegkundige Gegevens
DCM::CreationDate	7-7-2014
DCM::DeprecatedDate	
DCM::DescriptionLanguage	nl
DCM::EndorsingAuthority.Address	
DCM::EndorsingAuthority.Name	PM
DCM::EndorsingAuthority.Telecom	
DCM::Id	2.16.840.1.113883.2.4.3.11.60.40.3.7.14
DCM::KeywordList	Zwangerschap, zwanger, graviditeit, pariteit
DCM::LifecycleStatus	Final
DCM::ModelerList	Werkgroep RadB Verpleegkundige Gegevens
DCM::Name	nl.zorg.Zwangerschap
DCM::PublicationDate	25-04-2025
DCM::PublicationStatus	Published
DCM::ReviewerList	Projectgroep RadB Verpleegkundige Gegevens & Kerngroep Registratie aan de Bron
DCM::RevisionDate	30-09-2021
DCM::Supersedes	nl.zorg.Zwangerschap-v4.0
DCM::Version	4.1
HCIM::PublicationLanguage	EN

## 1.1 Revision History

Publicatieversie 1.0 (01-07-2015)

Publicatieversie 3.0 (01-05-2016)

Bevat: ZIB-453.

Publicatieversie 3.1 (04-09-2017)

Bevat: ZIB-436, ZIB-543.

Publicatieversie 3.1.1 (31-01-2020)

Bevat: ZIB-907.

Publicatieversie 4.0 (01-09-2020)

Bevat: ZIB-890.

Publicatieversie 4.1 (01-12-2021)

Bevat: ZIB-1201.

## 1.2 Concept

Pregnancy or gravidity is the condition in which a woman carries a fertilized egg, which grows into an embryo and then a fetus. A pregnancy of between 37 and 42 weeks is considered normal. "Term pregnancy" is 37 to 42 weeks. The term gravidity is also used for the number of times a woman has been pregnant. This and parity - the number of times a woman has given birth - provides insight into the patient's obstetric history.

## 1.3 Mindmap

## 1.4 Purpose

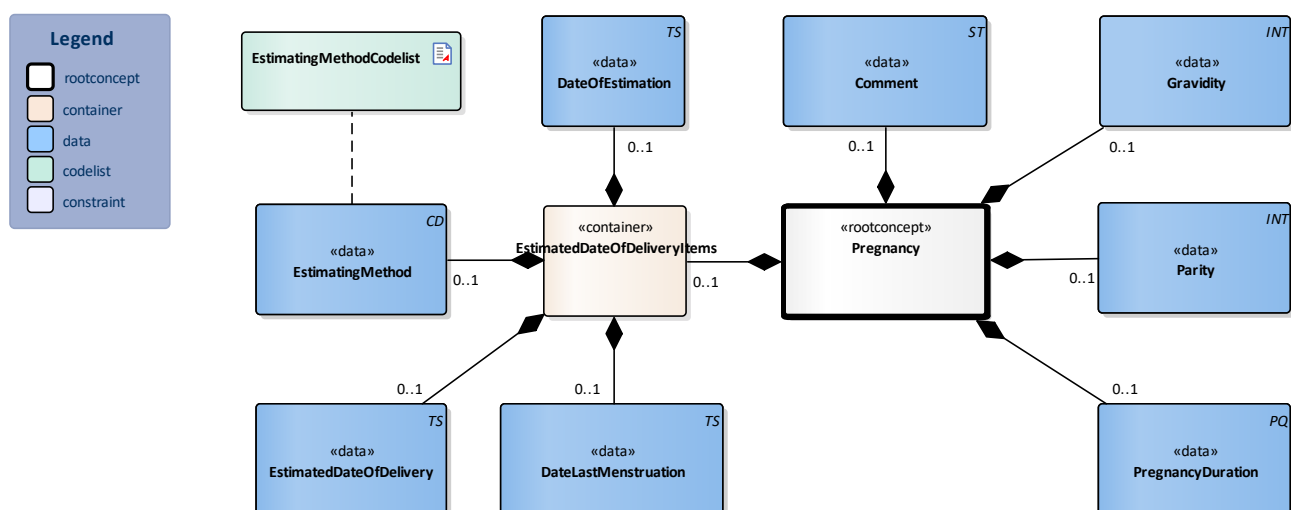
If the patient is pregnant, it is important to mention this, as it requires specific attention in their care. Pregnancy can influence treatment decisions, the treatment itself and the patient’s care.

## 1.5 Patient Population

## 1.6 Evidence Base

The standard Perinatology information set was consulted in drawing up this information model.

## 1.7 Information Model



«rootconcept»	Pregnancy
<b>Definitie</b>	Root concept of the Pregnancy information model. This root concept contains all data elements of the Pregnancy information model.
<b>Datatype</b>	
<b>DCM::ConceptId</b>	NL-CM:7.14.1
<b>DCM::DefinitionCode</b>	SNOMED CT: 118185001 Finding related to pregnancy
<b>Opties</b>	

«data»	PregnancyDuration
<b>Definitie</b>	Duration of the pregnancy on the day on which the patient was asked. The duration can be given in days (d) or weeks (wk).
<b>Datatype</b>	PQ
<b>DCM::ConceptId</b>	NL-CM:7.14.4
<b>DCM::DefinitionCode</b>	SNOMED CT: 57036006 Fetal gestational age
<b>DCM::ExampleValue</b>	24 wk
<b>Opties</b>	

«data»	Parity
<b>Definitie</b>	Number of previous pregnancies ending in partum (>= 16w 0d / 112 days).
<b>Datatype</b>	INT
<b>DCM::ConceptId</b>	NL-CM:7.14.6

<b>DCM::DefinitionCode</b>	SNOMED CT: 364325004 Parity	
<b>Opties</b>		

<b>«data»</b>	<b>Gravidity</b>	
<b>Definitie</b>	The number of times the woman has gotten pregnant (including this one).	
<b>Datatype</b>	INT	
<b>DCM::ConceptId</b>	NL-CM:7.14.5	
<b>DCM::DefinitionCode</b>	SNOMED CT: 161732006 Gravida	
<b>Opties</b>		

<b>«data»</b>	<b>Comment</b>	
<b>Definitie</b>	Comment on the pregnancy.	
<b>Datatype</b>	ST	
<b>DCM::ConceptId</b>	NL-CM:7.14.7	
<b>DCM::DefinitionCode</b>	LOINC: 48767-8 Annotation comment	
<b>Opties</b>		

<b>«container»</b>	<b>EstimatedDateOfDeliveryItems</b>	
<b>Definitie</b>	Container of the EstimatedDateOfDeliveryItems concept.This container contains all data elements of the EstimatedDateOfDeliveryItems concept.	
<b>Datatype</b>		
<b>DCM::ConceptId</b>	NL-CM:7.14.9	
<b>Opties</b>		

<b>«data»</b>	<b>EstimatedDateOfDelivery</b>	
<b>Definitie</b>	The date on which the pregnancy is expected to be 40w 0d (280 days). Different due dates are used at various points in the pregnancy.	
<b>Datatype</b>	TS	
<b>DCM::ConceptId</b>	NL-CM:7.14.3	
<b>DCM::DefinitionCode</b>	SNOMED CT: 161714006 Estimated date of delivery	
<b>Opties</b>		

<b>«data»</b>	<b>EstimatingMethod</b>	
<b>Definitie</b>	Method by which the delivery date is estimated.	
<b>Datatype</b>	CD	
<b>DCM::ConceptId</b>	NL-CM:7.14.10	
<b>DCM::ValueSet</b>	EstimatingMethodCodelist	OID: 2.16.840.1.113883.2.4.3.11.60.40.2.7.14.1
<b>Opties</b>		

<b>«data»</b>	<b>DateOfEstimation</b>	
<b>Definitie</b>	Date on which the delivery date is estimated.	
<b>Datatype</b>	TS	
<b>DCM::ConceptId</b>	NL-CM:7.14.11	
<b>Opties</b>		

<b>«data»</b>	<b>DateLastMenstruation</b>	
<b>Definitie</b>	The date on which the last menstruation started.	
<b>Datatype</b>	TS	
<b>DCM::ConceptId</b>	NL-CM:7.14.8	

<b>DCM::DefinitionCode</b>	SNOMED CT: 21840007 Date of last menstrual period
<b>Opties</b>	

<b>«document»</b>	<b>EstimatingMethodCodelist</b>	
<b>Definitie</b>		
<b>Datatype</b>		
<b>DCM::ValueSetBinding</b>	Extensible	
<b>DCM::ValueSetId</b>	2.16.840.1.113883.2.4.3.11.6 0.40.2.7.14.1	
<b>DCM::ValueSetInclude OTH</b>	True	
<b>DCM::ValueSetStatus</b>	Active	
<b>HCIM::ValueSetLanguage</b>	--	
<b>Opties</b>		

<b>BepalingsMethodeCodelijst</b>			<b>OID: 2.16.840.1.113883.2.4.3.11.60.40.2.7.14.1</b>	
Concept Name	Concept Code	Coding Syst. Name	Coding System OID	Description
Date of delivery estimation based on diagnostic ultrasonography	31541000146106	SNOMED CT	2.16.840.1.113883.6.96	Echoscopie
Date of delivery estimation based on last period	31521000146100	SNOMED CT	2.16.840.1.113883.6.96	Laatste menstruatie
Date of delivery estimation based on ovulation	31531000146103	SNOMED CT	2.16.840.1.113883.6.96	Ovulatie

	<b>Legend</b>
<b>Definitie</b>	
<b>Datatype</b>	
<b>Opties</b>	

## 1.8 Example Instances

<b>Zwangerschap</b>	
Zwangerschapsduur	24 weken
Graviditeit	2
Pariteit	1
Toelichting	Mevrouw is vaak misselijk in de ochtend.
<b>ATermeDatumItems</b>	
ATermeDatum	08-01-2015
BepalingsMethode	Echoscopie
BepalingsDatum	15-07-2014
DatumLaatsteMenstruatie	--

## 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. Dataset Perinatologie. [Online] Beschikbaar op: <http://www.nictiz.nl/page/Standaarden/Informatiestandaarden/Zwangerschap-en-geboorte> [Geraadpleegd: 13 februari 2015].

## 1.16 Functional Model

## 1.17 Traceability to other Standards

## 1.18 Disclaimer

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