

# Health & Care Information Model: nl.nfu.MenstrualCycle-v1.0

Status:Final

Release:2015

Release status: Published

Managed by:

Better health  
through better IT

Nictiz 

# Content

<b>1. nl.nfu.MenstrualCycle-v1.0</b>	<b>3</b>
1.1 Revision History	3
1.2 Concept	3
1.3 Mindmap	3
1.4 Purpose	3
1.5 Patient Population	3
1.6 Evidence Base	4
1.7 Information Model	4
1.8 Example Instances	5
1.9 Instructions	6
1.10 Interpretation	6
1.11 Care Process	6
1.12 Example of the Instrument	6
1.13 Constraints	6
1.14 Issues	6
1.15 References	6
1.16 Functional Model	6
1.17 Traceability to other Standards	6
1.18 Disclaimer	6
1.19 Terms of Use	7
1.20 Copyrights	7

# 1. nl.nfu.MenstrualCycle-v1.0

DCM::CoderList	Werkgroep RadB Verpleegkundige Gegevens
DCM::ContactInformation.Address	*
DCM::ContactInformation.Name	*
DCM::ContactInformation.Telecom	*
DCM::ContentAuthorList	Werkgroep RadB Verpleegkundige Gegevens
DCM::CreationDate	1-4-2014
DCM::DeprecatedDate	
DCM::DescriptionLanguage	nl
DCM::EndorsingAuthority.Address	
DCM::EndorsingAuthority.Name	NFU & V&VN
DCM::EndorsingAuthority.Telecom	
DCM::Id	2.16.840.1.113883.2.4.3.11.60.40.3.4.23
DCM::KeywordList	Menstruatiacyclus
DCM::LifecycleStatus	Final
DCM::ModelerList	Werkgroep RadB Verpleegkundige Gegevens
DCM::Name	nl.nfu.Menstruatiacyclus
DCM::PublicationDate	8-9-2015
DCM::PublicationStatus	Published
DCM::ReviewerList	Projectgroep RadB Verpleegkundige Gegevens & Kerngroep Registratie aan de Bron
DCM::RevisionDate	8-9-2015
DCM::Superseeds	
DCM::Version	1.0
HCIM::PublicationLanguage	EN

## 1.1 Revision History

Publicatieversie 1.0 (01-07-2015)

## 1.2 Concept

The menstrual cycle is a periodical change in sexually mature women's bodies between puberty and menopause. The cycle has to do with egg cell maturation and getting the body ready for potential pregnancy.

Various causes can lead to deviations or disruptions in the cycle.

The concept mainly focuses on the disorders and does not describe whether the patient is capable of independently taking care of their menstrual hygiene. This is described in the ToiletUse building block.

## 1.3 Mindmap

## 1.4 Purpose

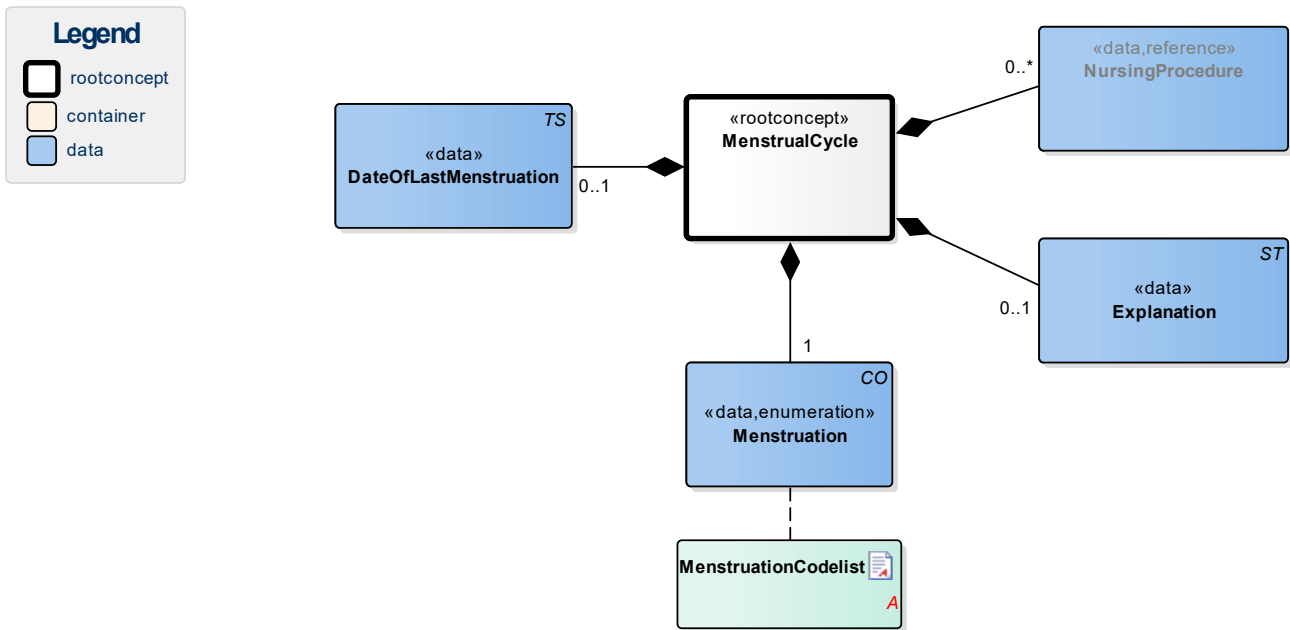
Information on menstrual cycle disorders is recorded to inform other healthcare providers. This does not involve the diagnosis but the impact the disorders and symptoms can have on patient care. The information can be used to update the healthcare plan.

## 1.5 Patient Population

## 1.6 Evidence Base

The definitions of the concepts were (partially) taken from the ICF definitions.

## 1.7 Information Model



«rootconcept»	MenstrualCycle
Definitie	Root concept of the MenstrualCycle building block. This root concept contains all data elements of the MenstrualCycle building block.
Datatype	
DCM::ConceptId	NL-CM:4.23.1
Opties	

«data»	DateOfLastMenstruation
Definitie	The date on which the last menstruation started.
Datatype	TS
DCM::ConceptId	NL-CM:4.23.3
Opties	

«data»	Menstruation
Definitie	Functions linked to the menstrual cycle. Often includes menstrual cycle, interval between menstruations, and extent of menstrual bleeding; menarche, menopause; disorders such as those in primary and secondary amenorrhea, menorrhagia, polymenorrhea and retrograde menstruation and premenstrual syndrome. The severity of the disorder can be indicated in this concept. Further information on the nature of the disorder can be provided in the explanation.
Datatype	CO
DCM::ConceptId	NL-CM:4.23.2
DCM::DefinitionCode	ICF: b650 Menstruatiefunctie

<b>DCM::ExampleValue</b>	Lichte stoornis	
<b>DCM::ValueSet</b>	MenstruationCodelist	OID: 2.16.840.1.113883.2.4.3.11.60.40.2.4.23.1
<b>Opties</b>		

<b>«data»</b>	<b>NursingProcedure</b>	
<b>Definitie</b>	Description of the nursing procedures needed to treat menstrual cycle disorders.	
<b>Datatype</b>		
<b>DCM::ConceptId</b>	NL-CM:4.23.5	
<b>DCM::ReferencedConceptId</b>	NL-CM:14.2.9	This is a reference to concept VerpleegkundigeActie in information model VerpleegkundigeInterventie.
<b>Opties</b>		

<b>«data»</b>	<b>Explanation</b>	
<b>Definitie</b>	Explanation of the menstruation disorder.	
<b>Datatype</b>	ST	
<b>DCM::ConceptId</b>	NL-CM:4.23.4	
<b>DCM::DefinitionCode</b>	LOINC: 48767-8 Annotation comment	
<b>Opties</b>		

<b>«document»</b>	<b>MenstruationCodelist</b>	
<b>Definitie</b>		
<b>Datatype</b>		
<b>DCM::ValueSetId</b>	2.16.840.1.113883.2.4.3.11.60.40.2.4.23.1	
<b>Opties</b>		

<b>MenstruatieCodelijst</b>		<b>OID: 2.16.840.1.113883.2.4.3.11.60.40.2.4.23.1</b>		
<b>Concept Name</b>	<b>Concept Code</b>	<b>CodeSys. Name</b>	<b>CodeSystem OID</b>	<b>Description</b>
Geen stoornis	b650.0	ICF	2.16.840.1.113883.6.254	Stoornis 0-4%
Lichte stoornis	b650.1	ICF	2.16.840.1.113883.6.254	Stoornis 5-24%
Matige stoornis	b650.2	ICF	2.16.840.1.113883.6.254	Stoornis 25-49%
Ernstige stoornis	b650.3	ICF	2.16.840.1.113883.6.254	Stoornis 50-95%
Volledige stoornis	b650.4	ICF	2.16.840.1.113883.6.254	Stoornis 96-100%

## 1.8 Example Instances

<b>Menstruatiecyclus</b>	
Menstruatie	Lichte stoornis (5-24%)
<b>VerpleegkundigeActie</b>	
Activiteit	-
<b>Toelichting</b>	
	Menstruatiecyclus is onregelmatig.

## **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. International Classification of Functioning Disability and Health (ICF) [Online] Beschikbaar op: <http://www.rivm.nl/who-fic/icf.htm> [Geraadpleegd: 13 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/>)