Integrating the Healthcare Enterprise

IHE Pharmacy
Technical Framework Supplement

Community Medication List
(PML)

Rev. 1.3 – Trial Implementation

Date: October 11, 2017

Author: IHE Pharmacy Technical Committee

Email: pharmacy@ihe.net

Please verify you have the most recent version of this document. See here for Trial Implementation and Final Text versions and here for Public Comment versions.

Copyright © 2017: IHE International, Inc.

Foreword

This is a supplement to the forthcoming IHE Pharmacy Technical Framework. Each supplement undergoes a process of public comment and trial implementation before being incorporated into the volumes of the Technical Frameworks.

This supplement is published on October 11, 2017 for trial implementation and may be available for testing at subsequent IHE Connectathons. The supplement may be amended based on the results of testing. Following successful testing it will be incorporated into the forthcoming Pharmacy Technical Framework. Comments are invited and may be submitted at http://www.ihe.net/Pharmacy_Public_Comments.

This supplement describes changes to the existing technical framework documents.

"Boxed" instructions like the sample below indicate to the Volume Editor how to integrate the relevant section(s) into the relevant Technical Framework volume.

Amend Section X.X by the following:

Where the amendment adds text, make the added text **bold underline**. Where the amendment removes text, make the removed text **~~bold strikethrough~~**. When entire new sections are added, introduce with editor's instructions to "add new text" or similar, which for readability are not bolded or underlined.

General information about IHE can be found at http://www.ihe.net.

Information about the IHE Pharmacy domain can be found at http://ihe.net/IHE_Domains.

Information about the organization of IHE Technical Frameworks and Supplements and the process used to create them can be found at http://ihe.net/IHE_Process and http://ihe.net/Profiles.

The current version of the IHE Pharmacy Technical Framework can be found at http://ihe.net/Technical_Frameworks.

 Copyright © 2017: IHE International, Inc.

CONTENTS

Introduction to this Supplement 5
Open Issues and Questions 5
Closed Issues 5
General Introduction 6
Appendix A – Actor Summary Definitions 6
Appendix B – Transaction Summary Definitions 6
Glossary 6
Volume 1 – Profiles 7
Copyright Licenses 7
2.5 Dependencies of the Pharmacy Integration Profiles 7
2.7 History of Annual Changes 7
X Community Medication List Content Profile 8
X.1 PML Actors, Transactions, and Content Modules 8
X.1.1 Actor Descriptions and Actor Profile Requirements 9
X.2 PML Actor Options 9
X.3 PML Required Actor Groupings 9
X.4 PML Overview 10
X.4.1 Concepts 10
X.4.2 Use Cases 10
X.4.2.1 Use Case #1: Request Medication List 10
X.4.2.1.1 Request Medication List Use Case Description 10
X.4.2.1.2 Request Medication List Process Flow 11
X.5 PML Security Considerations 11
X.6 PML Cross Profile Considerations 11
Appendices 12
Volume 3 – Content Modules 13
5 Namespaces and Vocabularies 14
6 Content Modules 15
6.3.1 CDA Document Content Modules 15
6.3.1.D Community Medication List (PML) Document Content Module 15
6.3.1.D.1 Format Code 17
6.3.1.D.2 Parent Template 17
6.3.1.D.3 Referenced Standards 17
6.3.1.D.4 Data Element Requirement Mappings to CDA 17
6.3.1.D.5 Community Medication List (PML) Document Content Module Specification 18
6.3.1.D.6 PML Conformance and Example 19
6.3.2 CDA Header Content Modules 20
6.3.2.H1 Patient Information Header Content Module 20
6.3.2.H2 Healthcare Provider Information Header Content Module 20

 Copyright © 2017: IHE International, Inc.

6.3.2.H2.1 Healthcare Provider Information - Person or Device Specification Document 21
6.3.2.H3 Healthcare Provider Information - Person Header Content Module 21
6.3.2.H4 Healthcare Provider Information - Device Header Content Module 22
6.3.2.H5 Healthcare Provider Information - Organization Header Content Module 22
6.3.3 CDA Section Content Modules 23
6.3.3.10.S1 Medication List - Section Content Module 23
6.3.3.10.S1.1 Parent Templates 24
6.3.3.10.S1.2 Medication List Section ID 24
6.3.3.10.S1.3 Section title 25
6.3.3.10.S1.4 Text 25
6.3.3.10.S1.5 Medication List Author 25
6.3.3.10.S1.6 Medication List Condition 26
6.3.4 CDA Entry Content Modules 26
6.4 Section not applicable 26
6.5 PML Value Sets 26
Appendices 27
Volume 3 Namespace Additions 27

 Copyright © 2017: IHE International, Inc.

Introduction to this Supplement

The Community Medication List Profile (PML) describes the content and format of a Medication List document generated during a process in which a health care professional (physician, pharmacist, nurse, etc.) requests this information (e.g., to support its prescribing).

Documents created according to this profile are intended to be used in the context of the "Community Medication Prescription and Dispense" Integration Profile (CMPD).

This supplement also references other documents[1]. The reader should have already read and understood these documents:

1. PHARM Common parts document
2. PHARM Community Medication Prescription and Dispense Integration Profile (CMPD)
3. PCC Technical Framework Volume 1
4. PCC Technical Framework Volume 2
5. IT Infrastructure Technical Framework Volume 1
6. IT Infrastructure Technical Framework Volume 2
7. IT Infrastructure Technical Framework Volume 3
8. HL7®[2] and other standards documents referenced in this document

Open Issues and Questions

- Header template "Patient information": Shall a vocabulary be set (e.g., HL7 Gender list) to be required?

Closed Issues

[1] The first seven documents can be located on the IHE Website at http://www.ihe.net/Technical_Frameworks. The remaining documents can be obtained from their respective publishers.

[2] HL7 is the registered trademark of Health Level Seven International.

 Copyright © 2017: IHE International, Inc.

General Introduction

Update the following Appendices to the General Introduction as indicated below. Note that these are not appendices to Volume 1.

Appendix A – Actor Summary Definitions

Add the following actors to the IHE Technical Frameworks General Introduction list of Actors:

No new actors.

Appendix B – Transaction Summary Definitions

Add the following transactions to the IHE Technical Frameworks General Introduction list of Transactions:

No new transactions.

Glossary

Add the following glossary terms to the IHE Technical Frameworks General Introduction Glossary:

Glossary Term	Definition
Community Medication List	A Community Medication List is a collection of Medication Treatment Plan-, Prescription-, Dispense- and Medication Administration Items (and their related Pharmaceutical Advice Items) representing the Medication information of the patient at a certain point of time and according to business rules specified.

 Copyright © 2017: IHE International, Inc.

Volume 1 – Profiles

Copyright Licenses

Health Level Seven, Inc. has granted permission to the IHE to reproduce tables from the HL7 standard. The HL7 tables in this document are copyrighted by Health Level Seven, Inc. All rights reserved. Material drawn from these documents is credited where used.

Add the following to Section 2.5

2.5 Dependencies of the Pharmacy Integration Profiles

Community Medication Treatment Plan (MTP)	PCC	Content definition	This profile includes Section and Entry Content Modules of the Patient Care Coordination (PCC) domain.

Add the following to Section 2.7

2.7 History of Annual Changes

In the 2016-2017 cycle of the IHE Pharmacy initiative, the following major changes were introduced to this supplement (please see the list of this year's change proposals for the complete set of changes at ftp://ftp.ihe.net/Pharmacy/Technical_Framework/CP%20Overview):

- Profile has been renamed from "Pharmacy Medication List" to "Community Medication List"
- Title and text elements have been added on section level
- Medication Administration Items, introduced by the new Community Medication Administration (CMA) profile can now be part of a Medication List
- Pharm-Namespace "ihe:pharm:medication" changed to "ihe:pharm" (see Medicine Entry Content Module located in PRE profile)

Important note: Due to the nature of some of the changes, this profile version is no longer downward compatible to the former versions.

X Community Medication List Content Profile

The Community Medication List Profile (PML) describes the content and format of a Medication List document generated during a process in which a health care professional (physician, pharmacist, nurse, etc.) requests this information (e.g., to support its prescribing).

Documents created according to this profile are intended to be used in the context of the "Community Medication Prescription and Dispense" Integration Profile (CMPD). The Community Medication Prescription and Dispense workflow includes the stage of requesting the Medication List of a patient by a health care professional (physician, pharmacist, nurse, etc.).

A Community Medication List document is the documentation of the performed determination of the Medication list. It contains a set of Medication Treatment Plan-, Prescription-, Dispense- and Medication Administration Items (and their related Pharmaceutical Advice Items) representing the Medication information of the patient at a certain point of time and according to business rules specified out of scope of this profile.

For a detailed overview on the whole Pharmacy domain business processes, please refer to the "Common parts" document, which is accompanying this profile.

X.1 PML Actors, Transactions, and Content Modules

This section defines the actors, transactions, and/or content modules in this profile.

Figure X.1-1 shows the actors directly involved in the PML Profile and the direction that the content is exchanged.

A product implementation using this profile must group actors from this profile with actors from a workflow or transport profile to be functional. The grouping of the content module described in this profile to specific actors is described in more detail in the "Required Actor Groupings" section below.

Figure X.1-1: PML Actor Diagram

Table X.1-1 lists the content module(s) defined in the PML Profile. To claim support with this profile, an actor shall support all required content modules (labeled "R") and may support optional content modules (labeled "O").

 Copyright © 2017: IHE International, Inc.

Table X.1-1: PML Profile - Actors and Content Modules

Actors	Content Modules	Optionality	Reference
Content Creator	Community Medication List 1.3.6.1.4.1.19376.1.9.1.1.5	R	PHARM TF-3: 6.3.1.D
Content Consumer	Community Medication List 1.3.6.1.4.1.19376.1.9.1.1.5	R	PHARM TF-3: 6.3.1.D

X.1.1 Actor Descriptions and Actor Profile Requirements

Most requirements are documented in Transactions (Volume 2) and Content Modules (Volume 3). This section documents any additional requirements on profile's actors.

X.2 PML Actor Options

Options that may be selected for each actor in this profile, if any, are listed in the Table X.2-1. Dependencies between options when applicable are specified in notes.

Table X.2-1: PML - Actors and Options

Actor	Option Name	Reference
Content Consumer	View Option (see Note 1)	PCC TF-2: 3.1.1
	Document Import Option (see Note 1)	PCC TF-2: 3.1.2
	Section Import Option (see Note 1)	PCC TF-2: 3.1.3
	Discrete Data Import Option (see Note 1)	PCC TF-2: 3.1.4
Content Creator	No options defined	

Note 1: The actor shall support at least one of these options.

X.3 PML Required Actor Groupings

An actor from this profile (Column 1) shall implement all of the required transactions and/or content modules in this profile ***in addition to*** all of the transactions required for the grouped actor (Column 2).

If this is a content profile, and actors from this profile are grouped with actors from a workflow or transport profile, the Content Bindings reference column references any specifications for mapping data from the content module into data elements from the workflow or transport transactions.

In some cases, required groupings are defined as at least one of an enumerated set of possible actors; this is designated by merging column one into a single cell spanning multiple potential grouped actors. Notes are used to highlight this situation.

 Copyright © 2017: IHE International, Inc.

Section X.5 describes some optional groupings that may be of interest for security considerations and Section X.6 describes some optional groupings in other related profiles, if applicable.

Table X.3-1: PML - Required Actor Groupings

PML Actor	Actor to be grouped with	Reference	Content Bindings Reference
Content Consumer	PHARM Medication Treatment Plan Planner	PHARM TF-1: 4.1.1.2	PHARM TF-3: 6.3.1.D
	PHARM Prescription Placer	PHARM TF-1: 4.1.1.3	PHARM TF-3: 6.3.1.D
	PHARM Pharmaceutical Adviser	PHARM TF-1: 4.1.1.4	PHARM TF-3: 6.3.1.D
	PHARM Medication Dispenser	PHARM TF-1: 4.1.1.5	PHARM TF-3: 6.3.1.D
	PHARM Medication Administration Performer	PHARM TF-1: 4.1.1.6	PHARM TF-3: 6.3.1.D
Content Creator	PHARM Community Pharmacy Manager	PHARM TF-1: 4.1.1.1	PHARM TF-3: 6.3.1.D

X.4 PML Overview

X.4.1 Concepts

Not applicable

X.4.2 Use Cases

X.4.2.1 Use Case #1: Request Medication List

Physician requests the information about prescribed and dispensed medication to a patient.

X.4.2.1.1 Request Medication List Use Case Description

A patient enters a physician's office for treatment of an illness requiring the usage of medication. The physician decides to prescribe a new medication but wants to check the patient's medication status first in order to do medication reconciliation and review.

The physician requests the Medication List and receives the document containing all dispenses and medication administrations for a period of time and all prescriptions which are still ready to be dispensed. He also gets all planned medications in order to have an exhaustive view of the medication treatment plan of the patient.

Refer to the Community Medication Prescription and Dispense Integration Profile (CMPD) for detailed use case information.

 Copyright © 2017: IHE International, Inc.

X.4.2.1.2 Request Medication List Process Flow

Pre-conditions:

A Healthcare provider has identified the patient and is ready to retrieve the Medication List.

Main Flow:

1. Patient visits facility (Registering patient)
2. Obtain patient's Health ID
3. Retrieve and Reconcile clinical data
4. Physical examination
5. **Retrieve Medication List and perform Medication Reconciliation and Review**
6. Prescribe medication

Post-conditions:

The Healthcare provider has got the Medication List to perform a medication reconciliation and review.

X.5 PML Security Considerations

The security considerations for a content module are dependent upon the security provisions defined by the grouped actor(s).

X.6 PML Cross Profile Considerations

Not applicable

 Copyright © 2017: IHE International, Inc.

Appendices

Appendices A.1 to A.4 are applicable to this profile as described in the “Community Prescription (PRE)” supplement.

 Copyright © 2017: IHE International, Inc.

Volume 3 – Content Modules

 Copyright © 2017: IHE International, Inc.

5 Namespaces and Vocabularies

Add to Section 5 Namespaces and Vocabularies

codeSystem	codeSystemName	Description
1.3.6.1.4.1.19376.1.9	IHE Pharmacy Object Identifiers	This is the root OID for all IHE Pharmacy objects

See also the Namespaces and Vocabularies of the IHE PCC Technical Framework PCC-TF2/Namespaces and Vocabularies.

Add to Section 5.1.1 IHE Format Codes

Profile	Format Code	Media Type	Template ID
Community Medication List (PML)	urn:ihe: pharm:pml:2013	text/xml	1.3.6.1.4.1.19376.1.9.1.1.5

Add to Section 5.1.2 IHE ActCode Vocabulary

NA

Add to Section 5.1.3 IHE RoleCode Vocabulary

NA

 Copyright © 2017: IHE International, Inc.

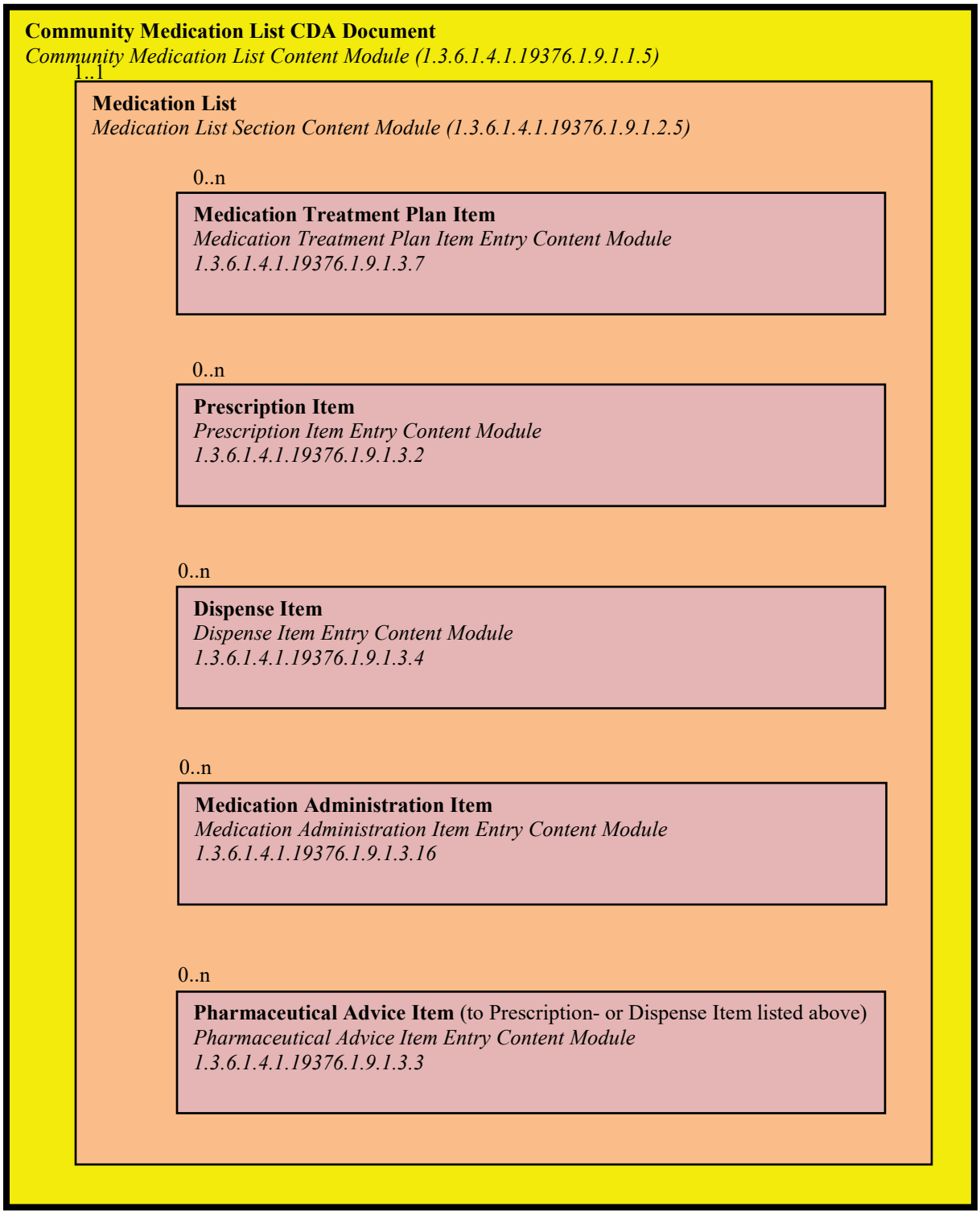
6 Content Modules

290 ## 6.3.1 CDA Document Content Modules

Add to Section 6.3.1.D Document Content Modules

6.3.1.D Community Medication List (PML) Document Content Module

295



 Copyright © 2017: IHE International, Inc.

6.3.1.D.1 Format Code

The XDSDocumentEntry format code for this content is **urn:ihe:pharm:pml:2013**

6.3.1.D.2 Parent Template

This document is a specialization of the IHE PCC Medical Document template (OID = 1.3.6.1.4.1.19376.1.5.3.1.1.1).

Note: The Medical Document includes requirements for various header elements; name, addr and telecom elements for identified persons and organizations; and basic participations record target, author, and legal authenticator.

6.3.1.D.3 Referenced Standards

All standards which are reference in this document are listed below with their common abbreviation, full title, and link to the standard.

Table 6.3.1.D.3-1: Community Medication List - Referenced Standards

Abbreviation	Title	URL
HL7V3 NE2009	HL7 V3 2009 Normative Edition	HL7 V3 2009 Normative Edition
CDAR2	HL7 CDA Release 2.0	HL7 CDA Release 2.0
IHE PCC	IHE PCC Medical Documents Specification (1.3.6.1.4.1.19376.1.5.3.1.1.1)	Medical Documents Specification (1.3.6.1.4.1.19376.1.5.3.1.1.1)
XMLXSL	Associating Style Sheets with XML documents	Associating Style Sheets with XML documents

6.3.1.D.4 Data Element Requirement Mappings to CDA

This section identifies the mapping of data between referenced standards into the CDA implementation guide.

Table 6.3.1.D.4-1: Community Medication List - Data Element Requirement Mappings to CDA

Clinical Data Element	PML
Patient Information	recordTarget/patientRole
Patient Administrative Identifiers	recordTarget/patientRole/id
Patient Name	recordTarget/patientRole/patient/name
Patient Gender	recordTarget/patientRole/patient/administrativeGenderCode
Patient Birth Date	recordTarget/patientRole/patient/birthTime
Patient Address	recordTarget/patientRole/addr
Patient Telecom	recordTarget/patientRole/telecom
HCP Person Information	author
HCP ID(s)	author/assignedAuthor/id
HCP Profession	author/functionCode

 Copyright © 2017: IHE International, Inc.

Clinical Data Element	PML
HCP Name	author/assignedAuthor/assignedPerson/name
HCP Telecom	author/assignedAuthor/telecom
HCP Specialty	author/assignedAuthor/code
HCP Organization	author/assignedAuthor/representedOrganization
HCP Organization Name	author/assignedAuthor/representedOrganization/name
HCP Organization Address	author/assignedAuthor/representedOrganization/addr
HCP Organization Telecom	author/assignedAuthor/representedOrganization/telecom
Service Event[3]	documentationOf/serviceEvent
Date of Service Event	documentationOf/serviceEvent/effectiveTime
Service Event Code	documentationOf/serviceEvent/code
Authorization	authorization/consent
Patient contacts	guardian
Medication List	HISTORY OF MEDICATION USE

315

6.3.1.D.5 Community Medication List (PML) Document Content Module Specification

This section specifies the header, section, and entry content modules which comprise the Community Medication List (PML) Document Content Module, using the Template ID as the
320 key identifier.

Sections that are used according to the definitions in other specifications are identified with the relevant specification document. Additional constraints on vocabulary value sets, not specifically constrained within the section template, are also identified.

[3] Service Event is optional and may only be used if the dispense has been taken without a prescription. In this case it may contain service event information of the medical event in which context the dispense act has been taken.

 Copyright © 2017: IHE International, Inc.

Table 6.3.1.D.5-1: Community Medication List (PML) Document Content Module Specification

Template Name		Community Medication List			
Template ID		1.3.6.1.4.1.19376.1.9.1.1.5			
Parent Template		1.3.6.1.4.1.19376.1.5.3.1.1.1 [PCC]			
General Description		A document containing a set of Medication Treatment Plan-, Prescription-, Dispense-, Medication Administration- and Pharmaceutical Advice Items altogether forming a medication list of a patient.			
Document Code		SHALL be 56445-0, LOINC, "Medication summary"			
Opt and Card	**Condition**	**Header Element or Section Name**	**Template ID**	**Specification Document**	**Vocabulary Constraint**
Header Elements					
M [1..1]		Patient Information	1.3.6.1.4.1.19376.1.9.1.4.1	PHARM TF-3: 6.3.2.H	
M [1..1]		Healthcare Provider Information	1.3.6.1.4.1.19376.1.9.1.4.2	PHARM TF-3: 6.3.2.H	
Sections					
M [1..1]		Medication List	1.3.6.1.4.1.19376.1.9.1.2.5	PHARM TF-3: 6.3.3.10.S	

6.3.1.D.6 PML Conformance and Example

CDA Release 2.0 documents that conform to the requirements of this document content module shall indicate their conformance by the inclusion of the 1.3.6.1.4.1.19376.1.9.1.1.5 XML elements in the header of the document.

A CDA Document may conform to more than one template. This content module inherits from the PCC TF Medical Document, 1.3.6.1.4.1.19376.1.5.3.1.1.1, content modules and so must conform to the requirements of those templates as well this document specification, Community Medication List template, 1.3.6.1.4.1.19376.1.9.1.1.5.

A complete example of the Community Medication List (PML) Document Content Module is available on the IHE ftp server at: ftp://ftp.ihe.net/Pharmacy/Technical_Framework/Demo-Documents/PML .

Note that this is an example and is meant to be informative and not normative. This example shows the elements for all of the specified templates.

Add to Section 6.3.2 Header Content Modules

 Copyright © 2017: IHE International, Inc.

6.3.2 CDA Header Content Modules

6.3.2.H1 Patient Information Header Content Module

345 **Table 6.3.2.H1-1: Community Medication List (PML) Header**

Template Name		Patient Information			
Template ID		1.3.6.1.4.1.19376.1.9.1.4.1			
Parent Template		N/A			
Header Element		recordTarget			
General Description		This header content module contains required and optional patient information.			
Opt and Card	**Participation/ Act Relationship**	**Description**	**Template**	**Specification Document**	**Vocabulary Con-straint**
M [1..1]	RCT	Name			
M [1..1]	RCT	Personal Identification			
M [1..1]	RCT	Gender			
M [1..1]	RCT	Date of Birth			
R [0..1]	RCT	Address			
R [0..1]	RCT	Contact Information			
O[0..1]	RCT	Marital Status			
O[0..1]	RCT	Race			
O[0..1]	RCT	Ethnicity			
O[0..1]	RCT	Religious Affiliation			

6.3.2.H2 Healthcare Provider Information Header Content Module

 Copyright © 2017: IHE International, Inc.

Table 6.3.2.H2-1: Community Medication List (PML) Header

Template Name		Healthcare Provider Information			
Template ID		1.3.6.1.4.1.19376.1.9.1.4.2			
Parent Template		N/A			
Header Element		author			
General Description		This header content module contains required and optional healthcare provider information (person, device and organization).			
Opt and Card	**Participation/ Act Relationship**	**Description**	**Template**	**Specification Document**	**Vocabulary Con-straint**
C [0..1]	AUT	Healthcare Provider Information - Person or Device	1.3.6.1.4.1.19376.1.9.1.4.2.1 or 1.3.6.1.4.1.19376.1.9.1.4.2.2	PHARM TF-3: 6.3.2.H.1	
M [1..1]	AUT	Healthcare Provider Information - Organization	1.3.6.1.4.1.19376.1.9.1.4.2.3		

350

6.3.2.H2.1 Healthcare Provider Information - Person or Device Specification Document

The Healthcare Provider Information Person or Device data element SHALL contain either an `assignedPerson` element according to the Healthcare Provider Information - Person Header
355 Content Module (1.3.6.1.4.1.19376.1.9.1.4.2.1) or an `assignedAuthoringDevice` element according to the Healthcare Provider Information - Device Header Content Module (1.3.6.1.4.1.19376.1.9.1.4.2.2).

6.3.2.H3 Healthcare Provider Information - Person Header Content Module

Table 6.3.2.H3-1: Community Medication List (PML) Header

Template Name		Healthcare Provider Information - Person			
Template ID		1.3.6.1.4.1.19376.1.9.1.4.2.1			
Parent Template		N/A			
Header Element		author			
General Description		This header content module contains required and optional healthcare provider person information.			
Opt and Card	**Participation/ Act Relationship**	**Description**	**Template**	**Specification Document**	**Vocabulary Con-straint**
M [1..1]	AUT	HCP Person Name			
M [1..1]	AUT	HCP Person Personal Identification			

 Copyright © 2017: IHE International, Inc.

R [0..1]	AUT	HCP Person Profession			
R [0..1]	AUT	HCP Person Specialty			
O [0..1]	AUT	HCP Person Contact Information			

360

6.3.2.H4 Healthcare Provider Information - Device Header Content Module

Table 6.3.2.H4-1: Community Medication List (PML) Header

Template Name		Healthcare Provider Information - Device			
Template ID		1.3.6.1.4.1.19376.1.9.1.4.2.2			
Parent Template		N/A			
Header Element		author			
General Description		This header content module contains required and optional healthcare provider device information.			
Opt and Card	**Participation/ Act Relationship**	**Description**	**Template**	**Specification Document**	**Vocabulary Con-straint**
M [1..1]	AUT	HCP Device Manufacturer Model Name			
O [0..1]	AUT	HCP Device Software Name			

6.3.2.H5 Healthcare Provider Information - Organization Header Content Module

365 **Table 6.3.2.H5-1: Community Medication List (PML) Header**

Template Name		Healthcare Provider Information - Organization			
Template ID		1.3.6.1.4.1.19376.1.9.1.4.2.3			
Parent Template		N/A			
Header Element		author			
General Description		This header content module contains required and optional healthcare provider organization information.			
Opt and Card	**Participation/ Act Relationship**	**Description**	**Template**	**Specification Document**	**Vocabulary Con-straint**
M [1..1]	AUT	HCP Organization Name			
M [1..1]	AUT	HCP Organization Identifier			
M [1..1]	AUT	HCP Organization Address			
M [1..1]	AUT	HCP Organization Contact Information			

 Copyright © 2017: IHE International, Inc.

6.3.3 CDA Section Content Modules

Add to Section 6.3.3.10 Section Content Modules

6.3.3.10.S1 Medication List - Section Content Module

370 **Table 6.3.3.10.S1-1: Medication List Section**

Template Name		Medication List			
Template ID		1.3.6.1.4.1.19376.1.9.1.2.5			
Parent Template		-			
General Description		The Medication List section shall contain a description of the Medication Treatment Plan-, Prescription-, Dispense- and Medication Administration Items assembled to a medication list. It shall include zero to many Medication Treatment Plan items and/or Prescription items and/or Dispense items and/or Medication Administration Items altogether with related Pharmaceutical Advice Items. For specification of the Medication Treatment Plan-, Prescription-, Dispense-, Medication Administration- and Pharmaceutical Advice Item Entry Content Modules see Community Medication Treatment Plan (MTP), Community Prescription (PRE), Community Dispense (DIS), Community Medication Administration (CMA) and Community Pharmaceutical Advice (PADV) profiles.			
Section Code		10160-0, LOINC, History of medication use			
Author		-			
Informant		-			
Subject		-			
Opt and Card	**Condition**	**Data Element or Section Name**	**Template ID**	**Specification Document**	**Vocabulary Constraint**
Entries					
O [0..*]		Medication Treatment Plan Item Entry Content Module	1.3.6.1.4.1.19376.1.9.1.3.7	PHARM MTP supplement	
O [0..*]		Prescription Item Entry Content Module	1.3.6.1.4.1.19376.1.9.1.3.2	PHARM PRE supplement	
O [0..*]		Dispense Item Entry Content Module	1.3.6.1.4.1.19376.1.9.1.3.4	PHARM DIS supplement	
O [0..*]		Medication Administration Item Entry Content Module	1.3.6.1.4.1.19376.1.9.1.3.16	PHARM CMA supplement	
O [0..*]	PHARM TF-3: 6.3.3.10.S.1	Pharmaceutical Advice Item Entry Content Module	1.3.6.1.4.1.19376.1.9.1.3.3	PHARM PADV supplement	

 Copyright © 2017: IHE International, Inc.

```
<component>
  <section>
    <templateId root='1.3.6.1.4.1.19376.1.9.1.2.5'/>
    <id root=' ' extension=' '/>
    <code code='10160-0' displayName='History of medication use'
      codeSystem='2.16.840.1.113883.6.1' codeSystemName='LOINC'/>
    <title>Medication List</title>
    <text>
      Text as described above
    </text>
    <author>
      :
    </author>
    <!-- 0..n Medication Treatment Plan Items -->
    <entry>
        <substanceAdministration classCode='SBADM' moodCode='INT'>
            <templateId root='1.3.6.1.4.1.19376.1.9.1.3.7'/>
            :
        </substanceAdministration>
    </entry>
         :
    <!-- 0..n Prescription Items -->
    <entry>
        <substanceAdministration classCode='SBADM' moodCode='INT'>
            <templateId root='1.3.6.1.4.1.19376.1.9.1.3.2'/>
            :
        </substanceAdministration>
    </entry>
         :
    <!-- 0..n Dispense Items -->
    <entry>
        <supply>
            <templateId root='1.3.6.1.4.1.19376.1.9.1.3.4'/>
             :
        </supply>
    </entry>
         :
    <!-- 0..n Medication Administration Items -->
    <entry>
        <substanceAdministration classCode='SBADM' moodCode='EVN'>
            <templateId root='1.3.6.1.4.1.19376.1.9.1.3.16'/>
            :
        </substanceAdministration>
    </entry>
         :
    <!-- and 0..n related Pharmaceutical Advice Items -->
    <entry>
        <observation>
           <templateId root='1.3.6.1.4.1.19376.1.9.1.3.3'/>
            :
        </observation>
    </entry>
         :
  </section>
</component>
```

6.3.3.10.S1.1 Parent Templates

This section content module has no parent structure. The value for ‘section/code’ SHALL be “10160-0”, “History of medication use”.

6.3.3.10.S1.2 Medication List Section ID

<id root=' ' extension=' '/>

A Medication List identifier SHALL be represented in the section <id> Element. The data type of the ID is II.

6.3.3.10.S1.3 Section title

<title>…</title>

A Medication List Section title SHOULD be represented in the section <title> Element. According to CDA R2 rules for structured CDA body, "the absence of the Section.title component signifies an unlabeled section." (see HL7 Clinical Document Architecture, Release 2.0, 1.3.1 Recipient Responsibilities).

6.3.3.10.S1.4 Text

<text>…</text>

A <text> element SHOULD be represented in the section and contain the narrative version of the Medication Treatment Plan Item. This narrative block SHALL present the information to the human reader and represent the Medication Treatment Plan Item information, using the various structures available in the CDA: tables, lists, paragraphs, hyperlinks, etc.

6.3.3.10.S1.5 Medication List Author

<author>…</author>

In the case where the PML author or the timestamp of a medication list is different from the author and timestamp of the Community Medication List-document, the PML author and timestamp of the medication list shall be represented by the <author> element of the section.

Data element	HL7 V3 Data Type	CDA Body position (relative XPath expression)
PML Author Profession	CE	*author/functionCode*
Timestamp of inclusion	TS	*author/time*
PML Author ID	II	*author/assignedAuthor/id*
PML Author Specialty	CE	*author/assignedAuthor/code*
PML Author Name	PN	*author/assignedAuthor/assignedPerson/name*
PML Author Organization Identifier	II	*author/assignedAuthor/representedOrganization/id*
PML Author Organization Name	ON	*author/assignedAuthor/representedOrganization/name*
PML Author Organization Address	AD	*author/assignedAuthor/representedOrganization/addr*

 Copyright © 2017: IHE International, Inc.

6.3.3.10.S1.6 Medication List Condition

455 The Medication List Section MAY contain Pharmaceutical Advice Item Entries which related to Medication Treatment Plan-, Prescription-, Dispense- or Medication Administration Item Entries provided in the section.

6.3.4 CDA Entry Content Modules

Not applicable

460 ## 6.4 Section not applicable

This heading is not currently used in a CDA document.

6.5 PML Value Sets

Not applicable

 Copyright © 2017: IHE International, Inc.

Appendices

Not applicable

Volume 3 Namespace Additions

Add the following terms to the IHE Namespace:

- Community Medication List (PML) Document Content Module
  - 1.3.6.1.4.1.19376.1.9.1.1.5
- Patient Information Header Content Module
  - 1.3.6.1.4.1.19376.1.9.1.4.1
- Healthcare Provider Information Header Content Module
  - 1.3.6.1.4.1.19376.1.9.1.4.2
- Medication List - Section Content Module
  - 1.3.6.1.4.1.19376.1.9.1.2.5

 Copyright © 2017: IHE International, Inc.