Australian Government

Australian Digital Health Agency

Pharmacist Shared Medicines List (PSML) Implementation Guidance for Downloading and Viewing PSML Using the B2B Gateway

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Purpose

The pharmacist shared medicines list (PSML) is a new clinical document type for the My Health Record system and will be released by the end of June 2019. Currently, only pharmacists with conformant software are permitted to upload a PSML document to the My Health Record system.

Software vendors may choose to implement the PSML capability for pharmacists to upload PSML documents to the My Health Record system. Healthcare organisations and consumers will be able to view PSML documents in the My Health Record system.

Software vendors and healthcare organisations who provide My Health Record viewing functionality in their local clinical information systems will need to make minor configuration changes to their software to download the new PSML document type from the My Health Record system after they are available for the patient.

Intended audience

The intended audience includes the following organisations:

- Healthcare providers
- Developer and vendors of digital health systems

Overview

Medicines are the most common treatment used in health care, and 50% of older Australians (aged 65 years and older) can potentially be taking five or more medicines daily, with around 10% using 10 or more medicines daily. Management of multiple medicines can be challenging, especially for older Australians and/or people with chronic diseases or mental illness. It is common for a consumer to access multiple health services which can result in care being provided simultaneously, periodically, or transferred back and forth between providers. When a consumer's care is transferred there is an increased risk of information being lost, miscommunicated or misinterpreted. More than 50% of medication errors occur at transitions of care, and one third of these errors have the potential to cause harm or contribute to suboptimal care.

The pharmacist shared medicines list (PSML) is designed for consumers who live with chronic diseases(s) and/or who take multiple medications to improve information sharing between health professionals,

ensure continuity of medicine management for consumers that transfer between care settings, and to provide timely access to pharmacist shared medicines lists.

This document will provide better quality medicines information available in My Health Record, and to support its meaningful clinical use, by providing pathways for the upload of pharmacist shared medicines lists to the My Health Record system.

Configuration for the My Health Record viewing

If your software allows users to select which documents they would like returned on their My Health Record document list screen, the document type selection will need to be updated to include the new pharmacist shared medicine list. Our recommendation is to include the pharmacist shared medicines list as a default.

If the pharmacist shared medicines list is selected this needs to be passed from your software to the registryStoredQuery (findDocuments) web service.

If you are using the My Health Record Integration Toolkit .net sample code you may contact the Australian Digital Health Agency for the latest version or apply the following patch.

Open ClassCodes.cs and add the following:

```
/// <summary>
/// Pharmacist Shared Medicines List
/// </summary>
[CodedValueAttribute(CodingSystem = "LOINC", CodingSystemOID = "2.16.840.1.113883.6.1",
ConceptCode = "56445-0",
ConceptName = "Pharmacist Shared Medicines List", AlternateName = "Pharmacist Shared
Medicines List")]
PharmacistSharedMedicinesList,
```

After you have applied the patch above or obtained the most recent .net sample code you need to ensure the new ClassCode is being passed as a parameter to the AdHocQueryBuilder by doing the following:

```
AdhocQueryBuilder adhocQueryBuilder = new AdhocQueryBuilder("patient IHI", new[]
{ DocumentStatus.Approved });
adhocQueryBuilder.ClassCode = new List<ClassCodes>()
{ ClassCodes.PharmacistSharedMedicinesList };
```

If you are not using the sample code described above you will need to include the pharmacist shared medicines list as a parameter to the Registered Stored Query (findDocuments).

Table 3 in the *PCEHR Document Exchange Service Using the IHE XDS.b Platform Technical Service Specification v1.5.1* outlines the existing document types that your software likely already supports. You will need to include the pharmacist shared medicines list with the following details:

Coding System	LOINC
TypeCode and ClassCode	56445-0
OID System	2.16.840.1.113883.6.1
ClassCodeDisplayName and TypeCodeDisplayName	Pharmacist Shared Medicines List

If you would like to discuss how to configure your software to download and view PSML documents from the My Health Record system please contact our support team at help@digitalhealth.gov.au or 1300 901 001.

References

- *PCEHR Document Exchange Service – Logical Service Specification v1.3.1,* https://developer.digitalhealth.gov.au/specifications/national-infrastructure/ep-1892-2014/nehta-1970-2014

- *PCEHR Document Exchange Service Using the IHE XDS.b Platform – Technical Service Specification v1.5.1,* https://developer.digitalhealth.gov.au/specifications/national-infrastructure/ep-1892-2014/nehta-1971-2014

- *Pharmacist Shared Medicines List – My Health Record Conformance Profile v1.0,* https://collaborate.digitalhealth.gov.au/pages/viewpage.action?spaceKey=PCML&title=Downloads+for+trial+use