

2019-09 DaVinci PDEX Drug Formulary

Pharmacy WG / DaVinci

Justification and Objectives

This project defines a FHIR interface to a health insurer's drug formulary information for patients/consumers. A drug formulary is a list of brand-name and generic prescription drugs a health insurer agrees to pay for, at least partially, as part of health insurance coverage. Drug formularies are developed based on the efficacy, safety and cost of drugs. The primary [use cases](#) for this FHIR interface enable consumers/patients to understand the costs and alternatives for drugs that have been prescribed, and to compare their drug costs across different insurance plans. A [drug formulary IG](#) is in Standard for Trial Use (STU) ballot (July).

The objectives of the hackathon are:

- Test and gather feedback on the design and implementation feasibility of the drug formulary model and its FHIR Implementation Guide.
- Identify areas of improvement and expansion of the drug formulary model to future use cases.
- Foster mindshare and innovation ideas on potential applications using the drug formulary

This track will use the [R4](#) version of FHIR.

Clinical input requested (if any)

None.

Related tracks

DaVinci PDEX.

Proposed Track Lead

Dave Hill (dwhill@mitre.org). Track leads must be registered users on <http://chat.fhir.org>

Expected participants

Potential producers (health plans) and consumers (3rd party application developers) of formulary data.

Please add your name/organization here

Track Orientation

A webinar will be hosted on TBD to share further participation information about this track.

System Roles

Medical App for Patient

Scenarios

See the [use cases](#) section of the IG.

Scenario : [Medication Copays under Insurance Plan](#)

Action: Query Formulary content for list of medications

Precondition: Determine list of medication for the patient

Success Criteria: Display medication list with copay information to patient.

Bonus point: None

Scenario : [Shopping for Health Plans](#)

Action: Query formulary content of multiple drug formularies for a list of medications

Precondition: Determine list of medication for the patient

Success Criteria: Compare costs for medication list for multiple insurance plans

Bonus point: None

TestScript(s)

TBD

Security and Privacy Considerations

No security or privacy considerations. Data is not patient-related.

