

# Formulary Drug API FHIR

## Documentation

This documentation provides details on the endpoints and capabilities of the **Formulary Drug API** based on HL7® FHIR® standards and the **Da Vinci PDex US Drug Formulary Implementation Guide**.

### Implementation Guide

[HL7® FHIR® DaVinci PDex US Drug Formulary Implementation Guide](#)

### Base URL

<https://avmp.interop.avmed.com/avmp/api/plannet/>

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## Resources

### 1. List

The List resource is used to represent the **Formulary** itself. It includes a set of drugs (entries) available under a specific insurance plan.

#### ◆ Interactions

- **Read:** GET [base]/List/[id]
- **Search:** GET [base]/List?{parameters...}

#### ◆ Search Parameters

Search Parameter	Type	Example
_id	Token	GET [base]/List?_id=[id]
status	Token	GET [base]/List?status=[status]
identifier	Token	GET [base]/List?identifier=[identifier]
item	Reference	GET [base]/List?item=[item]

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## 2. MedicationKnowledge

The MedicationKnowledge resource represents details about a drug, including cost, dosage form, classification, and related formulary information.

### ◆ Interactions

- **Read:** GET [base]/MedicationKnowledge/[id]
- **Search:** GET [base]/MedicationKnowledge?{parameters...}

### ◆ Search Parameters

Search Parameter	Type	Example
_id	Token	GET [base]/MedicationKnowledge?_id=[id]
code	Token	GET [base]/MedicationKnowledge?code=[code]
DrugPlan	Token	GET [base]/MedicationKnowledge?DrugPlan= [DrugPlan]
DrugTier	Token	GET [base]/MedicationKnowledge?DrugTier=[DrugTier]
DrugName	Token	GET [base]/MedicationKnowledge?DrugName=[DrugName]

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## HTTP Status Code

HTTP Status Code	Status	Description
200	OK	Resource read or updated successfully
400	Bad Request	Invalid request format (bad JSON, invalid query parameter)
403	Forbidden	Authenticated but not allowed to access that resource
404	Not Found	Resource doesn't exist (wrong Practitioner/Organization ID)
500	Internal Server Error	Something went wrong on server side
503	Service Unavailable	API temporarily down or overloaded