EISL Lab Chase Service (LCS)
Da Vinci May Community Roundtable

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EISL Lab Chase Service (LCS) Demo Agenda

- Why Lab Chase Service?
- What is Lab Chase Service?
- UnitedHealthcare and Da Vinci Project
- Demo Video
- Architecture and Data Flow
- Administration and Operations
Why Lab Chase Service?

1. Accelerate clinical quality gap closure (HEDIS/Stars)
   - Initial focus HbA1c (diabetes)

2. Grow partnerships with lab vendors
   - In production: Quest Diagnostics, LabCorp, BioReference

3. Automate lab data acquisition
   - Long term goal to eliminate manual data collection

2020 Goals: Expand in both additional lab vendors and lab measures
What is Lab Chase Service?

The Problem
- Incomplete member charts
- Care quality measures deficient
- Impacts member experience negatively

The Solution
- Identify missing lab results tied to claims
- Query lab FHIR servers for results
- Minimum lag time
- Built on HL7 Da Vinci CDex use case
UnitedHealthcare and Da Vinci Project

- Founding member
- Steering committee member
- In-kind contributions to use cases
- Connectathon participant
- Triple Aim
  - Cut costs
  - Improve care quality
  - Improve provider experience
Da Vinci CDex Overview

- Implementation guide on FHIR R4
- Built on HRex foundation
- Exchange clinical information between payers / providers
- Assemble longitudinal patient record from members full care team
- Clinical payloads include
  - Attachments (C-CDA, PDF, etc)
  - FHIR Resources (Observation, etc)
Please complete the information below to retrieve lab results.

*required fields

**Lab**
- [LabCorp]
- [Guest]

**Member First Name**

**Member Last Name**

**Date of Birth**


**Alternate ID or Subscriber ID**

Alternate ID is preferred for maximum results

**Date of Service From**


**Date of Service To**


Select a LOINC code from the list below or manually enter one. Only one code per search.

Enter a LOINC Code
Lab Chase Service™ Workflow
Step 1: Identify Claims without Lab Results
Request Lab Result

Step 2

FHIR Search Request Message Example

POST /ehr/DiagnosticReport/_search
Host: fhir.bestlabvendor.com
Authorization: Bearer

client_id=6a52e4d2d5&date=02019-01-04&d04&subject-birthdate=1977-08-03&subject-name-family=Brady&subject-name-given=Tha
Step 2b  Lab Vendor Response

- **FHIR Search Return Message Example**

```json
{
  "resourceType": "Bundle",
  "id": "768586-477-9373-756-6026938b410",
  "meta": {
    "lastUpdated": "2019-09-18T15:16:27+00:00"
  },
  "type": "searchset",
  "total": 1,
  "link": [
    {
      "relation": "self",
      "url": "https://fhir-bestlabvendor.com/reir/Diagnosis"
    }
  ],
  "entry": [
  ]
}
```
Step 3  Data Conversion

Return Lab ORU Example

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Step 4: Claim Record Completion
• Procedure codes to monitor in claims
• Observation codes to query
• Approval workflow for new lab tests
Lab Chase Service Operational Dashboard

- Simple admin console
  - Track pending requests
  - Automatic retries
  - Operational reporting
Questions?

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