

FHIR Connectathon 28

Risk Adjustment Track Kickoff

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Agenda

- Connectathon Overview
- Risk Adjustment Track Overview and Scenario
- Test Plan and Touchstone Test Scripts
- Connectathon Manager
- Next Steps



CONNECTATHON OVERVIEW



Connectathon Schedule

- The September 2021 Connectathon will be held September 13th - 15th in US Eastern Time
- Event schedule:
 - Sept 13, 2021(Mon) 4:00 PM ET Connectathon Kick Off
 - Sept 14, 2021(Tues) 9:00 AM – 5:00 PM ET Connectathon
 - Sept 15, 2021(Wed) 9:00 AM – 5:00 PM ET Connectathon
 - Sept 15, 2021(Wed) 5:00 PM ET Connectathon Wrap Up
- Detailed agenda is available through Whova

Whova | Whova Guides | Organizing your own event?

HL7's FHIR Connectathon
Sep 1 - 15, 2021 | Displaying in the event's time: 10:56 PM (EDT) | Switch to local time

Home
Agenda
Sessions
Speakers

Filter by tracks

Search session name, location, or speaker name...

Tracks

Da Vinci Risk Adjustment

My Agenda

Wed
Sep 15



Connectathon Links

- HL7 requires all newcomers attend a three-hour Newcomer Orientation: <https://vimeo.com/542197402/8fb80fea04>
- Risk Adjustment Track Page: <https://confluence.hl7.org/display/FHIR/2021-09+Da+Vinci+Risk+Adjustment>
- Zulip Chat: <https://chat.fhir.org/#narrow/stream/179283-Da-Vinci/topic/Risk.20Adjustment>
- Event contact: Sandy Vance at 614.273.5916 or HL7Connectathon@hl7.org

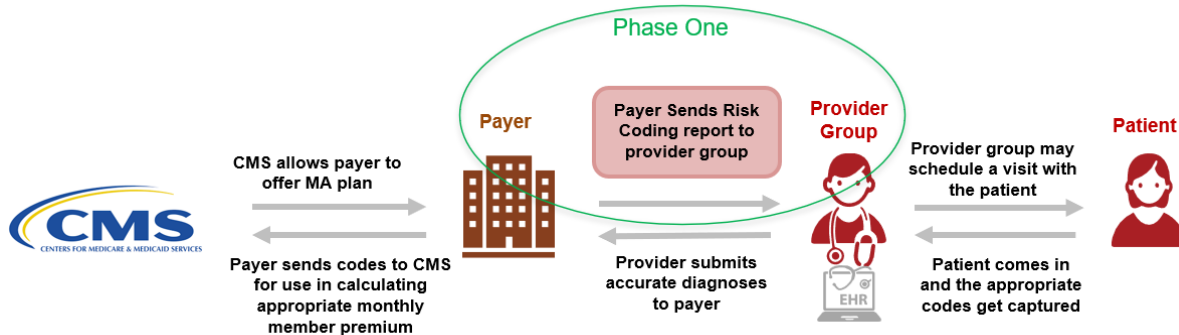


TRACK OVERVIEW AND SCENARIO



Implementation Guide

- Da Vinci Risk Adjustment Implementation Guide: <https://build.fhir.org/ig/HL7/davinci-ra/>
- The IG is targeted for the January 2022 Ballot Cycle (STU1 Ballot)



Risk Adjustment Use Case Information

- Past recordings/slide deck to help understand the Da Vinci Risk Adjustment Use Case
 - July 2021 CMS Connectathon Risk Adjustment Information Session [recording](#) (recordings begins at 1:22)
 - March 2021 Risk Adjustment Use Case Kickoff [recording](#)
- Da Vinci Risk Adjustment Use Case Confluence page:
 - <https://confluence.hl7.org/display/DVP/Risk+Adjustment>



System Roles

- Client – A system submitting a request for risk adjustment coding gap report(s)
- Server – A system receiving a request for coding gaps and returning risk adjustment coding gap report(s) for requested member(s)



Test Scenario

- Test \$report operation
 - **Action:** A Client calls the \$report operation to the Server to get risk adjustment coding gap report(s). The Server gets coding gap report(s) based on the input parameters passed in the \$report operation. The Server returns coding gap report (MeasureReport) to the Client.
 - **Precondition:** Server has a number of pre-generated risk adjustment coding gaps reports that support \$report operation input parameters
 - **Success Criteria:** The Client receives requested risk adjustment coding gap report and the returned MeasureReport resource contains data as expected
 - **Bonus Point:** Get risk adjustment coding gap reports and supporting data for a group of patients



Participating Systems

- Risk Adjustment Reference Implementation
 - Server End Point: <https://ra-sandbox.alphora.com/cqf-ruler-r4/fhir/>
- Centene Corporation
 - Server End Point



TEST PLAN AND TOUCHSTONE TEST SCRIPTS



Test Plan

- Test Plan
 - <https://confluence.hl7.org/display/DVP/%24report+Test+Plan+Template>



Test Scripts

- Touchstone: <https://touchstone.aegis.net/touchstone/>

The screenshot shows the Touchstone web application interface. The top navigation bar includes the Touchstone logo, a search icon, and links for Docs, Sign In, and Register. The main content area is titled "Test Definitions - /FHIRsandbox/DaVinci/FHIR4-0-1-RA". Below the title, there is a search bar and filters for "All", "Test Scripts" (selected), "Fixtures", and "Rules". A "Search" button and a "Clear" button are also present. The table below lists 8 test definitions, each with a checkbox, a name, a version number, a description, content type, number of tests, and a validator.

<input type="checkbox"/>	Test Script	Version	Description	Content	Tests	Validator
<input type="checkbox"/>	/FHIRsandbox/DaVinci/FHIR4-0-1-RA/01-RAReport/01-RiskAdj-ReportPatient/dv-risk-adjustment-report-patient-json	1	Da Vinci Risk Adjustment \$report simple tests where the server requests the report using the \$report operation. The server will then return a bundle that contains 1 to many Risk Adjustment Coding Gap Reports. If none exist, an OperationOutcome is expected, however, this test assumes a Coding Gap Report is returned.	XML	1	FHIR 4.0.1 Da Vinci
<input type="checkbox"/>	/FHIRsandbox/DaVinci/FHIR4-0-1-RA/01-RAReport/01-RiskAdj-ReportPatient/dv-risk-adjustment-report-patient-xml	2	Da Vinci Risk Adjustment \$report simple tests where the server requests the report using the \$report operation. The server will then return a bundle that contains 1 to many Risk Adjustment Coding Gap Reports. If none exist, an OperationOutcome is expected, however, this test assumes a Coding Gap Report is returned.	XML	1	FHIR 4.0.1 Da Vinci
<input type="checkbox"/>	/FHIRsandbox/DaVinci/FHIR4-0-1-RA/01-RAReport/02-RiskAdj-ReportGroup/dv-risk-adjustment-report-group-json	1	Da Vinci Risk Adjustment \$report simple tests where the server requests the report using the \$report operation. The server will then return a bundle that contains 1 to many Risk Adjustment Coding Gap Reports. If none exist, an OperationOutcome is expected, however, this test assumes a Coding Gap Report is returned.	XML	1	FHIR 4.0.1 Da Vinci
<input type="checkbox"/>	/FHIRsandbox/DaVinci/FHIR4-0-1-RA/01-RAReport/02-RiskAdj-ReportGroup/dv-risk-adjustment-report-group-xml	1	Da Vinci Risk Adjustment \$report simple tests where the server requests the report using the \$report operation. The server will then return a bundle that contains 1 to many Risk Adjustment Coding Gap Reports. If none exist, an OperationOutcome is expected, however, this test assumes a Coding Gap Report is returned.	XML	1	FHIR 4.0.1 Da Vinci
<input type="checkbox"/>	/FHIRsandbox/DaVinci/FHIR4-0-1-RA/01-RAReport/03-RiskAdj-ReportAdHoc/01-RiskAdjPatientAdHoc/dv-risk-adj-report-patient-adhoc-json	1	Da Vinci Risk Adjustment \$report simple tests where the server requests the report using the \$report operation. The server will then return a bundle that contains 1 to many Risk Adjustment Coding Gap Reports. If none exist, an OperationOutcome is expected, however, this test assumes a Coding Gap Report is returned.	XML	1	FHIR 4.0.1 Da Vinci



Touchstone Information

- See Build and Validate with Touchstone on Da Vinci Implementation Support confluence page for tutorials, registration, and documentations
 - <https://confluence.hl7.org/display/DVP/Da+Vinci+Implementer+Support>
- Participating systems to add your test system in Touchstone



CONNECTATHON MANAGER



Connectathon Manager

- Test results will be documented in the Connectathon Manager (ConMan):

<http://conman.clinfhir.com/connectathon.html?event=con28>

- Participating servers and clients:

- If you plan to bring a server, be sure to register your server in ConMan and visit the ConMan tutorial for more information:

<https://confluence.hl7.org/download/attachments/104568828/2021-04-08%2017.06%20Meet%20Now.mp4?version=1&modificationDate=1618252745761&api=v2>



Connectathon Manager

Connectathon Manager: HL7 September 2021

Yan Heras



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Home Page Track details & testing **43** Implementation Guides **46** People **73** Clients **14** Servers **64** Test Results **4** Participation report Event Activity

Enter string to filter Track

- Bulk Data
- CARIN Consumer-Facing Real-Time Pharmacy Benefit Check (RTPBC) Track
- CARIN IG For Blue ButtonB. Track
- CARIN IG For Digital Insurance Card Track
- CDS Hooks
- Clinical Reasoning
- Consent Management Decision Enforcement Services and Computable Consent
- Da Vinci Clinical Document Exchange (CDex)
- Da Vinci DEQM and Gaps in Care
- Da Vinci Member Attribution Track
- Da Vinci Payer Data Exchange (STU2)
- Da Vinci Payer Data Exchange Track for CMS Patient Access API
- Da Vinci Provider Access and Burden Reduction
- Da Vinci Risk Adjustment**
- Data Segmentation for Privacy (USPAP) and Security Labeling
- eCR/MedMorph Track
- Evidence Based Medicine (COVID-19 Knowledge Accelerator)

Description Servers **1** Report Testing & feedback **0 / 0 / 0 / 0**

Description This is the first Connectathon for the Da Vinci Risk Adjustment Track. **Leads** Yan Heras
The Da Vinci Risk Adjustment Track tests the new Da Vinci Risk Adjustment Implementation Guide that is under development. The IG is targeted for the January 2022 ballot cycle.

Track type **Track Type:**

Confluence track page <https://confluence.hl7.org/display/FHIR/2021-09+Da+Vinci+Risk+Adjustment> (Opens in a new tab)

Chat link <https://chat.fhir.org/#narrow/stream/179283-Da-Vinci/topic/Risk.20Adjustment> (Opens in a new tab)

General links

Name	Description	View
Da Vinci Risk Adjustment Confluence Page	This is the confluence page for the Da Vinci Risk Adjustment use case.	Raw
Da Vinci Risk Adjustment Implementation Guide	Link to the CI Build	Raw

Links of general interest to this track. Open in a separate tab

Scenarios

General	🔗
return-patient01	🔗
patient-in	🔗
group-in	🔗
return-group01	🔗

Description

A Client calls the \$report operation to the Server to get a risk adjustment coding gap report for a member (patient01). The Server gets a coding gap report based on the input parameters passed in the \$report operation. The Server returns coding gap report (MeasureReport) for the member (patient01) to the Client, the returned MeasureReport contains expected data for the member (patient01).

[Add a new Scenario](#)

All roles in track

Client roles

Role name	Description
Client	Generic client

Server roles

Role name	Description
Server	Generic server

Record Testing Results

Connectathon Manager: HL7 September 2021 Yan Heras

Home Page | Track details & testing **43** | Implementation Guides **46** | People **73** | Clients **14** | Servers **64** | Test Results **4** | Participation report | Event Activity

Enter string to filter Track

Description Servers **1** Report **Testing & feedback 0/0/0/0**

General	Asserter	Server
return-patient01	Add new result	
patient-in		
group-in		
return-group01		

Da Vinci Risk Adjustment

Result of test: Test \$report operation Cancel

Asserter

Server

Client

Pass Fail Partial Note

Enter any notes

You must select an asserter and a result to save.



QUESTIONS/NEXT STEPS



Next Steps

- Join the HL7 Connectathon Kickoff on Monday, September 13th at 4:00 pm ET through Whova
- Develop more test data for the Reference Implementation

