

HL7 FHIR Connectathon

Da Vinci Risk Adjustment Kick Off

December 15, 2022



CONNECTATHON OVERVIEW



32nd HL7 FHIR Connectathon

- Saturday, January 14 9:00 AM – 5:00PM PT
- Sunday, January 15 9:00 AM – 5:00 PM PT
- Hilton Lake Las Vegas Resort & Spa, Henderson, Nevada



Connectathon participant checklist

- Register through HL7 Event Site (early bird ends 12/16)
<https://hl7.force.com/LightningMemberPortal/s/It-event?id=a1Y7V00000X9AvZUAV>
- Attend Tracks Kick Offs scheduled between 12/12/2022 and 12/21/2022:
<https://confluence.hl7.org/display/FHIR/2023+--+01+Connectathon+32>
- Complete the HL7 pre-connectathon survey
- New comer orientation [recording](#)
 - Intro to FHIR
 - How to read an IG
 - US Core
 - FHIR Testing and Tools

Event contact: Sandy Vance at 614.273.5916 or HL7Connectathon@hl7.org



COVID Policy

- Proof of vaccination is not required
- Masks are strongly encouraged but not required
- A negative COVID test is required for entry
 - All attendees are strongly encouraged to secure a negative COVID test within 72 hours prior to arriving to the WGM registration area.
 - Acceptable test results may be from either a PCR or antigen tests from a lab or at-home tests
 - Negative test results can be documented and displayed on paper or a photo (via cell phone)

- Find the full HL7 COVID Policy here: <http://www.hl7.org/events/covid.cfm>



RISK ADJUSTMENT TRACK OVERVIEW



Track Goals

- Test the new operations and the updated profiles to prepare for the STU 2 ballot
 - <https://build.fhir.org/ig/HL7/davinci-ra/>



Track Information

- Track Confluence Page: <https://confluence.hl7.org/display/FHIR/2023+-+01+Da+Vinci+Risk+Adjustment>
- Track will run on both days
 - Look for the table with a sign for Risk Adjustment
- Breakout sessions
 - Room info [here](#)
 - Reserved a room for Risk Adjustment on Saturday at 4pm
 - Da Vinci Accelerator Wrap Up on Sunday at 5pm



End to End Step 1: Coding Gap Generation

- Action: Payer calls [\\$ra.coding-gaps](#) operation to create a Risk Adjustment Coding Gap Bundle for a group of patients (use a group of one patient for this testing scenario to demonstrate group)
- Preconditions: Payer Server is pre-populated with Risk Adjustment Coding Gap MeasureReport and resources for supporting evidence
- Success Criteria: returns

New RA Coding Gap Bundle
Composition (status: preliminary)
Original DetectedIssue (status: final)
Original Evidence
RA MeasureReport



End to End Step 2: Coding Gap Remediation

- Action: Provider calls [\\$ra.remediate-coding-gaps](#) operation to create a new Risk Adjustment Coding Gap Bundle
- Preconditions:
 - Original Risk Adjustment Coding Gap Bundle is available on the Provider Server
 - Clinical Evaluation DetectedIssue and clinical evaluation evidence are available on the Provider Server
- Success Criteria: returns

New RA Coding Gap Bundle
Existing Composition (status: preliminary)
Existing Original DetectedIssue (status: final)
Existing Original Evidence
Existing RA MeasureReport

Add

Clinical Evaluation DetectedIssue (status: preliminary) - for gap closure request
Clinical Evaluation Evidence
Clinical Evaluation DetectedIssue (status: preliminary) - for gap invalidation request
Clinical Evaluation Evidence

- Bonus Point: run step 2 independently

– Precondition: have a bundle available to POST that can run step 2 independently



End to End Step 3: Coding Gap Approve

- Action: Risk Adjustment Coder calls [\\$ra.approve-coding-gaps](#) operation to create a new Risk Adjustment Coding Gap Bundle
- Preconditions: The updated Risk Adjustment Coding Gap Bundle is available on the Risk Adjustment Coder Server
- Success Criteria: returns

```
New Risk Adjustment Coding Gap Bundle
Existing Composition
  Existing Original DetectedIssue
  Existing Original Evidence
  Existing MeasureReport
```

```
Clinical Evaluation DetectedIssue (status: final)
Clinical Evaluation Evidence
Clinical Evaluation DetectedIssue (status: final)
Clinical Evaluation Evidence
Set DetectedIssue status to final
```

- Bonus Point: run step 3 independently

– Precondition: have a bundle available to POST that can run step 3 independently



End to End Step 4: Coding Gap Resolution

- Action: Payer calls [\\$ra.resolve-coding-gaps](#) operation to create a new Risk Adjustment Coding Gap Bundle with the updated RA MeasureReport
- Preconditions: The updated Risk Adjustment Coding Gap Bundle is available on the Payer Server
- Success Criteria: returns

*New Risk Adjustment Coding Gap Bundle
Existing Composition (status: final)
Updated RA MeasureReport*

*Include All
Detected Issues (Original and Clinical Evaluation)
Evidence (Original and Clinical Evaluation)*

*Set
Composition status to final*

- Bonus Point: run step 4 independently
 - Precondition: have a bundle available to POST that can run step 4 independently



Expected Participating Systems

- Risk Adjustment Reference Implementation (RI)
 - Payer End Point: <https://cloud.alphora.com/sandbox/r4/ra-payer/fhir/>
 - Provider End Point: <https://cloud.alphora.com/sandbox/r4/ra-provider/fhir/>
 - Risk Adjustment Coder End Point:
<https://cloud.alphora.com/sandbox/r4/ra-coder/fhir/>

- Novillus



Touchstone

- Touchstone: <https://touchstone.aegis.net/touchstone/>
- Touchstone tutorials, registration, and documentations
 - <https://confluence.hl7.org/display/DVP/Open+Testing+Tools+-+Build+and+Validate+with+Touchstone>
- Participating systems to add your test system in Touchstone
- Participants to create a user account in Touchstone



Links

- Zulip: <https://chat.fhir.org/#narrow/stream/311469-Da-Vinci-Risk-Adjustment/topic/Connectathons>
- ConMan 32: <http://conman.clinfhir.com/connectathon.html?event=con32>
- Risk Adjustment confluence page:
<https://confluence.hl7.org/display/DVP/Risk+Adjustment>
- Connectathon 32 confluence page:
<https://confluence.hl7.org/display/FHIR/2023+-+01+Connectathon+32>
- Da Vinci Implementation Support confluence page:
<https://confluence.hl7.org/display/DVP/Da+Vinci+Implementer+Support>



Contacts

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