## 2022 - 09 Gender Harmony

- **Short Description**
  Participants in this track will test improved FIHR extensions to communicate detailed clinical sex, gender identity, and other elements as defined in the Gender Harmony specification.

- **Long Description**
  A cross-paradigm implementation guide describing how FHIR, V2 and CDA can be used to represent Gender Identity, Sex For Clinical Use, Recorded Sex or Gender, Name to Use, and Pronouns using transformable and consistent data elements as described in the HL7 informative Gender Harmony specification. Examples and minimum value sets will be included. FHIR RS extensions have been defined to represent each of the above concepts. These data elements are now included in USCDI, and other realm specific data requirements.

- **Type**
  Test a FHIR - associated specification / implementation guide

- **Track Prerequisites**
  - **Gender Harmony**: Test a FHIR - associated specification / implementation guide for Gender Harmony
  - **Gender Harmony Prerequisite**: Bring a FHIR client or server with Patient resource records to update with Gender Harmony content. All others: Familiarity with PostMan and ConMan functionality

- **Track Lead(s)**
  - Davera Gabriel

- **Track Lead Email(s)**
  - dgabrie4@jh.edu

- **Specification Information**
  - [FHIR.GENDER.HARMONY](http://build.fhir.org/extension-individual-genderidentity.html)
  - [http://build.fhir.org/extension-individual-pronouns.html](http://build.fhir.org/extension-individual-pronouns.html)
  - [http://build.fhir.org/extension-individual-recordedsexorgender.html](http://build.fhir.org/extension-individual-recordedsexorgender.html)

- **Call for participants**
  Medical records systems of all kinds that need to appropriately exchange Sex and Gender representations. Interactions with administrative and financial management systems are of interest.
  Known participants include Epic and Fenway Health

- **Zulip stream**
  - [https://chat.fhir.org/#narrow/stream/330101-Gender-Harmony](https://chat.fhir.org/#narrow/stream/330101-Gender-Harmony)

- **Track Kickoff Call**
  - Recording can be found here
  - Slides can be found here
### Clinical Input Required?

No

### Related Tracks?

N/A

<table>
<thead>
<tr>
<th>Testing Scenario:</th>
<th>System roles: Gender Harmony</th>
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<tbody>
<tr>
<td></td>
<td>1. Health care provider system creating instances of patient records, lab requests, lab results</td>
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<td>2. Ancillary application or test app that will consume sex and gender information from the health care provider system</td>
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**Activities:**

1. Plan to map representations of existing patient data into R4 resources along with new Gender Harmony extensions in the R5 build
2. Exchange existing patient and lab data via the FHIR REST API using GHP extensions

### Scenario 1: Exchange patient-level sex and gender data

**FHIR Server**

Action: Use testing tool to retrieve a patient from the FHIR server

Precondition: A patient record is created on the server that includes data about the patient's gender identity, sex for clinical use, and any relevant recorded sex and gender values

Success Criteria: Tester verifies that the patient's sex for clinical use, gender identity, and any documented recorded sex or gender values are represented appropriately in the patient response.

**FHIR Client**

Action: FHIR client retrieves a patient from the FHIR server. A testing tool is used as a proxy in order to validate that the transaction is processed correctly.

Precondition: A patient record is created on the server that includes data about the patient's gender identity, sex for clinical use, and any relevant recorded sex and gender values

Success Criteria: Tester verifies that the patient's sex for clinical use, gender identity, and any documented recorded sex or gender values are represented appropriately in the patient response.

### Scenario 2: Exchange lab order level sex for clinical use

**FHIR Server**

Action: Use testing tool to retrieve a lab order from the FHIR server

Precondition: A lab order is created on the server that includes data about the sex for clinical use that is appropriate for the lab order.

Success Criteria: Tester verifies that the order-level sex for clinical use is represented appropriately in the lab order response.

**FHIR Client**

Action: FHIR client retrieves a lab order from the FHIR server. A testing tool is used as a proxy in order to validate that the transaction is processed correctly.

Precondition: A lab order record is created on the server that includes data about the order-level sex for clinical use

Success Criteria: Tester verifies that the order level sex for clinical use is represented appropriately in the lab order response.

### Security and Privacy Considerations:

No security or privacy included in this initial Connectathon