Human and Social Services Work Group

Public WG Call

January 27, 2022 | 3-4pm ET

Thank you for joining us! We will begin shortly.
Disclaimer

• HL7 WGs are required to present the [HL7 Code of Conduct](https://www.hl7.org/standards/standardizations/code_of_conduct/) & the HL7 Antitrust Statement at the beginning of each meeting:

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• HSSWG calls are recorded per WG approval during December 16, 2021 conference call unless an objection is sustained.
Welcome!

Human and Social Services (HSS) Work Group Co-Chairs

- Chris Shawn
  Veterans Affairs
- Elizabeth Olson
  Atrium Health
- Elizabeth Oppenheim
  MITRE
- Grey Faulkenberry
  MayJuun
- Mohammad Jafari
  Privacy and Integration Consultant

Please **say hello in the chat** by sending everyone a short introduction for yourself (**name**, **affiliation**, and a sentence on your **interest** in this Work Group).
Agenda

- Welcome & Quorum (5 mins)
- Agenda Review (2-3 mins)
- Meeting Minutes Approval (2-3 mins)
- Announcements (5 mins)
  - Report out from WGM
  - May WGM Patient Care session
  - National Information Exchange Model (NIEM) news
- Human and Social Services (HSS) Work Group Overview (10 mins)
- Potential Projects + Discussion (30 mins)
- Next Meeting (5 mins)
Human and Social Services Work Group Overview

- HL7 Work Groups voted affirmatively to create the Human and Social Services Work Group in September 2021
- Intended to provide a space for human services sector stakeholders and HL7 experts to focus on non-clinically oriented social risks
- The Work Group will define requirements, design and validate HL7 Implementation Guides for interoperable human services data exchange
Areas of Focus

• Child Welfare
• Adult Protective Services
• Child Foster Care
• Child Support Enforcement
• Education & School Health
• Service Planning to Address Social Determinants of Health
Ongoing Coordination & Alignment with Other Work Groups / Initiatives

- Patient Care
- EHR
- Public Health
- Community Based Care and Privacy
- Gravity Project

And others as identified over time…
Potential projects

- FHIR Consent
- Case Management
- Referrals
- Assessments
- Child fatalities
Potential Project: FHIR Consent Profile for Social Services
FHIR Consent Profile for Social Services

- The focus of this project is to provide a profile of the FHIR consent resource to be used in Social Services and BH use-cases.
- This profile will go beyond mere digitization of the consent documents/forms and will emphasize capturing the rules of the consent in a computable manner within the FHIR Consent resource.
- This work will build upon and further the effort of the existing FHIR consent profiles and implementations, including:
  - ONC LEAP FHIR Consent project (https://sdhealthconnect.github.io/leap/)
- Plan is to take this project to the CBCP WG as co-sponsors.
FHIR Consent Profile for Social Services

• The project aims at identifying a suite of use cases where data flow and sharing of information between healthcare providers and other entities is crucial; the scope includes BH providers, chronic disease management, community health providers, wellness providers as well as housing, food, childcare, and employment assistance.

• Subsequently, the use of FHIR Consent in these use cases is examined in order to facilitate a consumer-centered approach to information sharing.

• The goal is to enable flexible control over sharing of information in a way that provides clients with the confidence and flexibility to consent to sharing of information, with the ultimate goal of increasing the quality of care across the board through more informed services and improved coordination of care.

• From the technological perspective, the goal is to develop a framework using which consent in these use-cases can be captured in a machine-readable way and with precise semantics so that subsequent enforcement of the consent can take place automatically.
Potential Project: Case Management and Referrals
FHIR 4.0 Compliant Case Management Solution and Referral Application

• The project aims at defining, identifying and capturing beneficiary data in a structured manner within the ODH core infrastructure to support the consistent entry and exchange of human services data for case management at the point of engagement and across interdisciplinary care teams. Data sharing through FHIR 4.0 standards used in case management allows for this collaboration to occur in a way not possible before.
  • Beneficiary demographic and care plan data exposed as a subset of FHIR Patient resource attributes, each provider is contributing to keeping the contact information for this population current, reducing the number of patients lost.
  • SMART on FHIR launching of applications allows for granular access control to sensitive data, sharing only the right information with the right provider.
  • Define foster care data definitions, that can be deployed in the ODH to provide a case management functionality to support the bi-directional exchange of clinical and human services data across healthcare and human services state, territory and other participating organizations.
  • Use cases may focus on the youth foster care domain, inclusive of foster family homes, foster homes of relatives, group homes, emergency shelters, certain residential facilities, child care institutions, and pre-adoptive homes, among other human social service categories.

FHIR 4.0 Referral Application

SMART on FHIR
Role and user base alignment

Care Manager Dashboard

Use of community resource inventories such as (211) (AuntBertha, UniteUs), locally managed (Open Referral)
FHIR 4.0 Compliant Case Management Solution and Referral Application

- Confirmation of services received, collection of outcome metric data
- Assess Patient and Need
- ODH
- Perform Services
- Schedule Services with Provider
- Consent for Participation
- Update ODH Service Request, Appointment and queue Intervention/Event
- Identify Need and Determine Appropriate Service Analysis
- Packaging of supporting information and qualification
- Send Referral Package to Selected Qualified Providers

Patient and their Situation (ID, Need, Services, Payer/Service Providers)
FHIR 4.0 Compliant Case Management Solution and Referral Application – Benefits

Identify, Define, and Represent a consistent value set of definitions

- Increased collaboration secondary to clearly define data, leading to improved individual and population health outcomes
- Data analysis and reporting allowing for more accurate and efficient individual and population health decisions
- Reduction in costs associated with manual interpretation efforts and lost opportunities
- Consistent representation of terms across the healthcare/social services communities
- Reduce wait time for data exchange
- More secure data exchange and protection, allowing for a more granular sharing of only the necessary data
- Collection of searchable, impactful data at the multiple points of care across domains
Next Steps

• Next public meeting will be held on February 10, 2022 from 3-4pm ET
• Agenda items for next meeting
• Please visit our confluence page for most up to date information!

https://confluence.hl7.org/display/HSS/Human+and+Social+Services+Home