

FHIR eReferral workstream

Tuesday, February 20, 2018 11:18 AM

Attendees: Tue, John Wills, Dustin, Jeff kavanagh, Novari Health, Caryn Harris, Blaine Jenkins, Tim Berezny, yaron Derman, Terry Waldron

Tim walked through the eReferral canvass - he will be posted broadly in the next day or two

3 methods of transmission (e.g. transaction #2 send eReferral to eReferral Server):

1. API operations method - traditional approach of POST a service request
2. SMART on FHIR - sending system does not send anything to eReferral server - it only has an endpoint and authorization to make requests from the eReferral Server. The Server asks for the 'Patient' resource in context right now and then returns a form (or something else) to the user to complete within the Requestor System. Key characteristics is that the Server is asking for the Patient resource and then working with that
3. Widget based method - sending system 'opens up a widget' in the eReferral Server and then POSTs the resources to it. It's the opposite of #2 in that the Server is granting permission for the Requestor System to POST info into it. (these are described on the canvass below the interaction diagram)

Question is which method will EMR vendors prefer? What about eReferral vendors?

- SMART on FHIR makes it possible to introduce a lot of special logic that the EMRs will not need build in locally
- Issue is that will require users to get used to N individual User Interfaces (UI)
- In order to have the data completed in the Requestor System in method #2 and #3, there would need to be some type of POST back from the eReferral Server
- Assumption is that the eReferral Server needs to be 'up' at all times to receive the POST
- SMART on FHIR at its core is 3 things: an agreement to use Oauth, OPENID and 'portlets'
- Once you are 'SMART on FHIR' (SoF) compliant, you have access to every SoF app in the universe (for the resources that you support). All the big EHR vendors support SoF. Although it is mostly used for data retrieval, it can just as well be used for writing back but is much less supported.
- Would be helpful for eHealth Ontario to create the Service Catalogue in the Innovation Lab so that vendor
- Ontario 'guiding principles' for panLHIN eReferrals include that the user should be only deal with a single UI and that the 'home/regional eReferral system' have a record of all referrals (so the POST back in bullet #3 above will be necessary)