Da Vinci Alerts Notification FHIR IG Proposal
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Proposal for IG Name
Da Vinci Alerts/Notification

Owning work group name
Clinical Decision Support

Committee Approval Date:
CDS approved on:

Publishing Lead

Contributing or Reviewing Work Groups
Financial Management
Attachments
O&O

FHIR Development Project Insight ID
1516

Scope of coverage
The scope is to define a HL7 FHIR R4 based exchange standard to communicate alerts and notifications from the initiating source to the members of a care team and other interested parties. Initially this will be focused on admission to or discharge from a care setting (ED, Hospital, office visit, SNF, etc.). In the future, it may also include other events such as changes in treatment (e.g. medications) or patient status (new diagnosis).

Content location
http://build.fhir.org/ig/HL7/davinci-alerts/branches/master/index.html

Proposed IG realm and code
US/DaVinci-Alerts

Maintenance Plan
Da Vinci project intends to provide ongoing support of this implementation guide

Short Description
The goal of this IG is to support the real-time exchange of alerts and notifications that impact patient care and value based or risk based services.

Long Description
The project will focus on the use of FHIR R4 resources to exchange patient information relevant to a specific event (e.g. admission, discharge, change in treatment, new diagnosis) to another provider or the health plan to communicate the details of where care was delivered and help to ensure timely follow-up as needed. Health care stakeholders are increasingly responsible for knowing what care their patients have received and what care they need, regardless of where the patient sought care. This information can be used to build an encounter record in the receiving system with appropriate provenance and make it available to CDS and other local services. This IG will define both subscription and push based transactions to support both solicited and unsolicited exchange of alerts. Workflow will be defined to establish consistently adoptable and reproducible methods to exchange the alerts. This project will reference, where possible the ‘standards’ defined by the Health Record exchange (HRex) Library/Framework Implementation Guide which in turn will utilize prior work from US Core for FHIR R4 where appropriate.
This project consider the impact of the Argonaut work on Subscription for R5 and, where possible, take the approach into account as part of the considerations for the artifacts exchange in the R4 Alerts effort.

**Involved parties**

This implementation guide is being developed by U.S. payer, provider and vendor organizations as part of the Da Vinci project.

**Expected implementations**

Da Vinci members in response to the details in the CMS final rule

**Content sources**

Requirements are drawn from payer organizations as part of the Da Vinci initiative.

**Example Scenarios**

There are a large number of alerts and notifications that may be supported by the exchange standard defined in the IG. These include, but are not limited to, notification of:

1) Admissions  
2) Discharges  
3) New Treatments  
4) Discontinuation of treatments  
5) Referrals

**IG Relationships**

This project will reference, where possible the "standards" defined by the Health Record exchange (HReX) Framework Implementation Guide which in turn will utilize prior work from US Core and R4.

**Timelines**

Submit for STU Ballot for 2019 Sep Ballot cycle

**When IG Proposal Is Complete**

When you have completed your proposal, please send an email to FMGcontact@HL7.org

**FMG Notes**