Communicationrequest Fhir Resource Proposal
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CommunicationRequest

Owning committee name
Clinical Quality Information Work Group

Contributing or Reviewing Work Groups
- Clinical Decision Support Workgroup
- Patient Care

FHIR Resource Development Project Insight ID
1125

Scope of coverage
This resource is a record of a request for a communication to be performed. A communication is a conveyance of information from one entity, a sender, to another entity, a receiver. The sender and receivers may be patients, practitioners, related persons, organizations, and devices.

RIM scope
Lloyd to provide

Resource appropriateness
Communications are foundational to the coordination and delivery of care. The Communication resource captures communications between the various stakeholders involved in the provision of care. This may include provider-to-provider exchanges as well as patient-to-provider exchanges. Communications are not limited to human senders and recipients.

At this time, communication requests are the most common type of proposals made by Clinical Decision Support Systems. These generally take the form of notification messages or alerts but may also include patient education communication requests (e.g., a rule executing an infobutton query based on its metadata and patient-specific information)

Expected implementations
- Unified Communication System (SOA)

Content sources

Example Scenarios
Uses of communication request include
- A computer-based decision-support system requesting a reminder or alert be delivered to a responsible provider
- A physician requesting notification from the nurse if a patient's temperature exceeds a value
- A monitoring system or a provider requesting a staff member or department to notify a public health agency of a patient presenting with a communicable disease reportable to the public health agency
- A computer-based decision-support system proposes to send educational material to a patient

Resource Relationships
A communication request is a request to convey information from one entity, a sender, to another entity, a receiver. The sender and receivers may be patients, practitioners, related persons, organizations, and devices.

For additional information, please refer to the proposed resource: http://hl7-fhir.github.io/communicationrequest.html

Timelines
May 2015 DSTU
gForge Users

cnanjo