



Use Case Policy: Respond to Carequality Queries

Overview

Carequality provides a national common interoperability framework to enable exchange between and among health data sharing networks leveraging healthcare standards. Carequality provides a directory of implementers so other implementers may know the addresses and roles of other participants. As a Carequality implementer, CRISP is a node available for query on the Carequality network.

As an initial use case with national networks, CRISP returns information from the Alerts Registry and related repositories. The information is packaged into a standards-based CCDA for ingestion into the recipient EHR. The CRISP Alerts Registry contains discrete data elements received from CRISP Participants including care alerts, prior visits, overdose notifications, care management information, and public health alerts.

In the next phase as an implementer, CRISP will return information from the alerts registry and other repositories, including API-based information. CRISP will return information received from CRISP participants and from those entities whose data is shared with CRISP under data use agreements and which have agreed to allowing their data to be shared via Carequality. Information will be shared only for Carequality queries which indicate treatment as the purpose for query.

Permitted Purpose Category

For Treatment, as permitted or required by Applicable Law and consistent with the mission of the HIE to advance the health and wellness of patients (Permitted Purpose #1). CRISP has executed the Carequality Connected Agreement.

Use Case Description

Carequality implementers serving the role of "initiator" will initiate a query to desired endpoints. The initiator will leverage the Carequality directory to identify the addresses of the responders they would like to query. CRISP will be available as a responder in this directory.

- The initial query to CRISP will contain demographic information. If CRISP matches the patient, the CRISP master identifier will be returned. Otherwise, CRISP will inform the participant the patient was not found.
- If the patient was found, a second query to CRISP requests a list of documents for the patient. CRISP will query the Alerts Registry, related repositories, and will consolidate an on-demand document if information exists, in preparation for data exchange. Note that CRISP will respond to Carequality queries with an on-demand document using data from participants' and data sources that are stored in the alerts registry or other repositories. CRISP will not respond to queries with a CCDA, HL7 or other native document shared by a participant. The response back to the second query will be that a document exists. If no document exists, CRISP will return an empty envelope.
- The initiator can choose to request the document with a third query. CRISP will return the document to the requestor.



All queries to CRISP will be through the CRISP API Gateway. CRISP will maintain an audit record of all queries and responses to understand the origin of the query, timestamp of query, patient of query, and what information was returned.

Opt-Out Applicability

Any patient that opts out of CRISP will not have information stored in the CRISP Alerts Registry or related repositories. Information for opted-out patients will not be returned to Carequality queries.

Eligible Participants

CRISP will respond to queries from other Carequality implementers (and executors of the Carequality Connect Agreement) serving the role of "Initiator".

Approval

This Use Case Policy has been approved by the Clinical Advisory Board.

Chairperson _____ Dated 9/17/19