



carequality

Carequality Monthly Information Call

April 26, 2018

Agenda

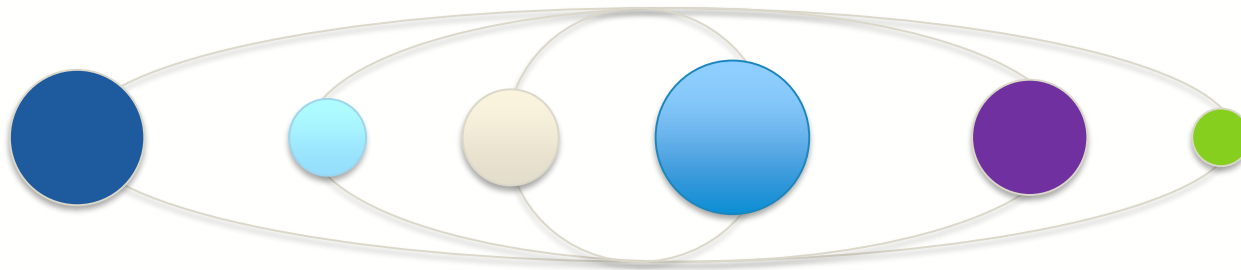
- Carequality Intro
- Production Operations Update
- Ongoing Project Updates:
 - Document Content
 - Push Notifications Use Case Proposal
 - FHIR Use Case Proposal
- Your Questions



Carequality Overview

The Situation

Communities of data sharing partners have formed, brought together by specific needs.



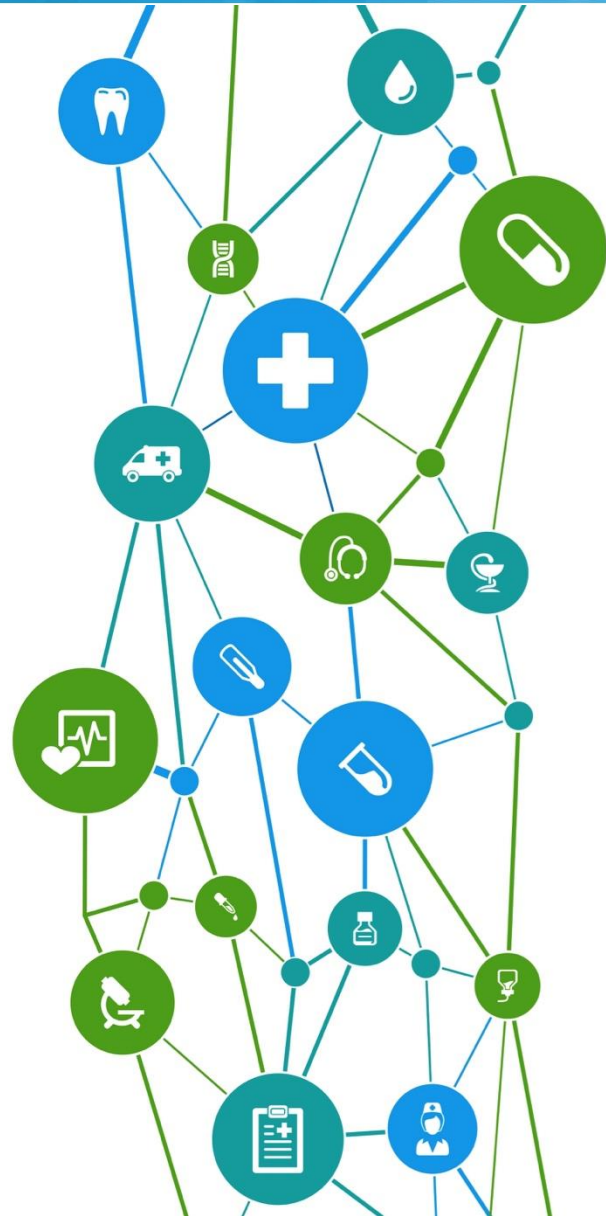
Some are geographically based, but many other types of data sharing communities also exist.

The Solution

Carequality creates a standardized, national-level interoperability framework to link all data sharing networks



Carequality is creating a web of interconnected communities



The Power of Connecting Communities

*How do you get nationwide connectivity?
Clinic by clinic, hospital by hospital?*

Data sharing networks have already connected many participants. The connections grow exponentially by connecting these user communities to one another, as groups.

- ➔ If you connect six clinics, you might reach a few dozen physicians.
- ➔ If you connect six networks, you can reach thousands of physicians.

Carequality Framework

- The Carequality Framework includes a number of elements:
 - Carequality Connected Agreement
 - Carequality Connection Terms
 - Dispute Resolution Process
 - Technical Trust Policy
 - Query-Based Document Exchange Implementation Guide
- Documents are available for reference on the Carequality Wikispaces and our public website:

<http://carequality.wikispaces.com/Carequality+Framework>

<http://sequoiaproject.org/carequality/resources/>

Carequality Members



Production Operations Update

Current Carequality Connected Agreement Signees

HIEs and HINs



Technology Vendors



Service Providers



PHRs



Other



In Production:



eClinicalWorks



GE Healthcare



NEXTGEN[®]
HEALTHCARE



Estimated 2.5 million clinical documents exchanged per month

Estimated 18 million clinical documents exchanged since July 2016

Project Updates

Document Content: Background

- Workgroup originally founded as a Carequality initiative to advance the state and utility of clinical document content across Carequality Implementers
- Expanded to include members from CommonWell and renamed Joint Document Content Working Group
- Focus on incremental progress, reasonable for technical platforms to develop in one major software release cycle
 - Anticipated multi-stage effort to “raise the bar” over time

Document Content: Identified Priorities

First set of priorities:

- Require Encounter specific document support
 - Outpatient/Ambulatory Summary (Progress Note Document) and define sections
 - Inpatient/Hospital Summary (Discharge Summary Document) and define sections
- Determine top 10 Note types - develop examples for each to include in encounter specific document
- Develop guidance on Note placement for generator and consumer
- Require Patient Summary Define patient-level (not encounter specific) sections to always include
- Future – Define default time ranges for each section?

Document Content: Current Status

- The Working Group has finalized guidance for Exchanging Clinical Notes in Encounter Summary CDA Documents
 - Inpatient/Hospital Summary (Discharge Summary Document)
 - Outpatient/Ambulatory Summary (Progress Note Document)
- A draft document with these recommendations as well as Clinical Note Best Practices, Document Versioning recommendations, is currently out for comment among the workgroup members

Push Notifications Use Case Proposal

Note: “Use Case” in the Carequality terminology refers to a type of content married to a technical architecture for exchanging it. Many individual use cases, in the typical usage of the phrase, can be accommodated by a single Carequality Use Case.

Background

- Tiger Team has been developing proposal document for a generic notification framework implemented under Carequality governance
- Use Case Proposal covers background, related work in the industry, stakeholder value propositions and candidate implementers, and functional requirements including role definitions and scope

Current Status

- Tiger Team’s work is complete, proposal document being updated for Advisory Council and Steering Committee review

FHIR Use Case Proposal

Background

- Use Case proposal covers similar topics to that for Push Notifications, but in context of FHIR-based data element access
- Working hypothesis is that there is value in applying Carequality's governance framework and "implement once, connect universally" paradigm to the FHIR exchange ecosystem

Current Status

- Tiger team met for the first time yesterday, with very lively discussion and lots of interest
- Initial draft of proposal document to be distributed to group end of week

Your Questions

Thank You!