

The top half of the slide features a blue-to-green gradient background with abstract network and data patterns. The word "carequality" is written in white, with "care" in a bold sans-serif font and "quality" in a regular sans-serif font. To the right of the text is a stylized graphic of three overlapping, slightly offset, light blue lines that form a triangular shape, resembling a network or data flow. The word "data" is faintly visible in the background in a circular pattern.

**care**quality

## Carequality Monthly Information Call

*April 30, 2020*

# Agenda

- April in Review
- Carequality and COVID-19 Response
- Project Updates
  - FHIR Workgroups
  - Document Content
  - Push Notifications
  - Query-Based Document Exchange Enhancements
- Production Operations Update
- Your Questions



# April in Review

## April in Review

- COVID-19 efforts continue
- New CCA signees
- Carequality's RCE role is prominent

# Carequality and COVID-19 Response



# Electronic Case Reporting Use Case

- We are working to expedite a Carequality Use Case for Electronic Case Reporting to public health agencies
  - This project centers around creation of a new Implementation Guide, as do the FHIR and Push Notifications projects
  - Since the content is much narrower in focus, however, we are able to complete the IG much more quickly
- We are working to finalize some last key terms, but there is still time to provide feedback! The draft IG is available on our website:
  - <https://carequality.org/wp-content/uploads/2020/04/Electronic-Case-Reporting-Implementation-Guide-v0.7.2-April-231.pdf>
- In parallel, we have made updates to the Carequality Directory to support eCR and have moved those changes into our non-prod Directory environments
- The Carequality Board has approved a long-term pricing approach for eCR, but has also waived any Implementer fees for 2020

## Queries by Public Health Agencies

- We continue to seek ways for public health agencies to leverage Carequality in the battle against COVID-19
- There are two (primary) barriers to their participation:
  - Many/most Carequality Implementers are not able to support queries for the “Public Health” permitted purpose, without development that will take time to complete and deploy
  - There is a lack of clarity on what constitutes the “minimum necessary” data set for public health re: COVID-19, especially relative to the broad set of information released in a “Treatment” context
- The Carequality Steering Committee is considering adopting a Carequality Policy intended to address both barriers
- The Policy alone cannot fully address questions around minimum necessary, and relies on public health agencies issuing guidance

# Project Updates



# FHIR Workgroups

Bill Mehegan

4/30/2020

# FHIR Workgroups - Timelines and Deliverables

- Original Timelines pre-Covid19 world
  - Deliverable I: Develop Initial Policy and Technical Questions List; Completed November of 2018
  - Deliverable II: Produce Implementation Guides for each workgroup (then combine into one Final Product); late Q2 2020
  - Deliverable III: FHIR Demos to Advisory Council and Steering Committee; early Q3 of 2020
  - Deliverable IV: Final Implementation Guide ratified as an official Carequality Element; late Q3/early Q4 of 2020
- New Timelines post-Covid19 world
  - Final Implementation Guide to be completed ASAP; targeting June
  - Additional resources have been deployed towards hastening these efforts
  - Cross pollination between Tech/Policy groups as we come down the home stretch
  - Will be combining the two WG IGs into one IG next month

# FHIR Technical Workgroup Update

- A link to our Draft Implementation Guide
  - <https://docs.google.com/document/d/1iOour1orfMpYS30L2AU2wajZRXI7p6YWIk5F61TcZ1M/edit?ts=5d920fe0>
  - Resolved most of the lingering conversations/decisions during the last couple of weeks
- Continuing to work through establishing a Dynamic Registration & Authentication Workflow
  - Client Credentials Workflows
  - Authorization Code Flows
- We will test the above scenarios at our next Connectathon
  - Virtual HL7 Connectathon May 13-15  
<https://confluence.hl7.org/display/FHIR/2020-05+Cross+Organization+Application+Access>

# Policy Workgroup Update

- The Draft of the Policy Implementation Guide is available here:
  - <https://docs.google.com/document/d/1e-6sjXnze0kIndJ-ZRYQw0sY6LYa8KxIhPc1Ao71OpQ/edit>
- Our weekly meetings currently consist of working sessions whereby we are actively reviewing comments/feedback submitted by the group, and making any necessary updates to the document
- Resolved most of the lingering conversations/threads
- Expect to be done with this piece (or ~99% complete, there may be an outstanding item or 2) in the next week or two

# Query-Based Document Exchange Enhancements

Chris Dickerson

4/30/2020



## QBDE v2.0 Updates Review

- The group has been reassembled to consider feedback from the Implementer community
  - Adjustments were made to the document testing requirements to account for the difference between the IG v2.0 ratification date and the Testing Program ratification date
  - New stats reporting automation additions were adjusted to allow for a 15 day extension if requested
  - Query Origins and System Vs Organization Representation
  - Implementer to Implementer Response Time
  - Additional Topics include:
    - Payment and Health Care Operations
    - Consumer Application Vetting for Patient Request
  - Group was expanded to include members of the Bi-weekly Implementer call

# Push Notifications

Chris Dickerson

4/30/2020

# Push Notifications Workgroups

- Project overview:
  - The Policy Workgroup is close to completion of the policy section of the Push Notifications IG
    - The group will now meet on an ad hoc basis based on policy questions generated by the Technical Workgroup
    - After the conclusion of the Technical section, the group will evaluate the IG as a whole
  - The Technical Workgroup continues its collaborative work
    - Received a policy update on notifications in the context of the Final Rule
    - Finalized nominal flow charts including alternate flows featuring Subscription Services
    - Current topics include:
      - R4 vs R5
      - Message contents

# Document Content

Chris Dickerson

4/30/2020

## Document Content v2.0

- The first set of priority work items have been selected
  - Based on the votes of the workgroup members:
    - Prioritized list of laboratory results to be shared
    - Guidance for IHE On-demand Transactions
    - Guidance for Data Provenance
- The group's discussion this week focused on On-Demand Documents
  - All of our current notes, slides, and task lists can be found [here](#)
  - v1.1 of our Document Content Recommendations can be found at <https://carequality.org/joint-document-content-work-group-recommendations-released/>
- Please email [Admin@carequality.org](mailto:Admin@carequality.org) if you are interested in joining the conversation



# Production Operations Update

# Highlights

- Welcome to new CCA signees:
  - Lifebook
  - Patagonia Health
- We estimate – conservatively – that the Carequality community passed the 1 billion document mark in April 2020

## Live Implementers & Their Clients



# Your Questions

Thank You!