Instructions to join the meeting remotely:

1. Open a web browser and enter URL: www.readytalk.com
   Enter participant access code: 2093166

2. Phone in for the audio portion of the conference:
   1-866-740-1260 - then enter the access code: 2093166

MEETING HANDOUTS:
www.cchap.org/pmmeeting
HIE in Colorado

- CORHIO is one of two HIEs in the state
- Quality Health Network (QHN) is the HIE on the Western Slope
- We’re working on bidirectional exchange to connect the two HIEs
What type of data is available?

- Hospitals
  - ADT Info
  - Transcription Notes
  - Consult & Operative Reports
  - Lab/Rad Results
- Laboratories & Radiology Centers
  - Lab Results
  - Pathology Reports
  - Radiology Reports
- Department of Defense/Colorado Springs Military Health System
  - Query
- Public Health Departments
  - Newborn Screening Results
  - Immunizations
  - Reportable Conditions
Types of HIE

- **PatientCare 360® web portal**
  - Data from all of our senders available via query or clinical inbox in web-based portal
- **Results pushed into provider’s EHR**
  - CORHIO connected to 30 different EHRs; 7 more underway
- **Direct messaging**
  - Secure, HIPAA-compliant email for provider-to-provider communications
- **Send immunizations to CIIS through CORHIO interface**
About CORHIO
## CORHIO By the Numbers

- **55** Hospitals Connected  
  (10 more underway)
- **4,000+** Providers Connected  
  (8,800+ total users)
- **4,000,000+** Patients in the Community Health Record
<table>
<thead>
<tr>
<th>State/HIE</th>
<th>Live/Completed</th>
<th>In Development</th>
<th>In Queue</th>
</tr>
</thead>
<tbody>
<tr>
<td>CORHIO</td>
<td><strong>HCPF:</strong> Outreach for Medicaid EHR Incentive Program - ongoing</td>
<td><strong>HCPF:</strong> Accountable Care Collaborative and Regional Care Collaborative</td>
<td><strong>CDPHE:</strong> Newborn Screening (orders), and e-Referrals for Colorado Tobacco</td>
</tr>
<tr>
<td></td>
<td>HIE: CORHIO data to QHN; HISP to HISP connections with Surescripts, Kansas HIE (KHIN),</td>
<td>Organizations, Medicaid expansion, eReferral/eConsult, TEFT PHR for Medical/</td>
<td>QuitLine (w/Denver Public Health), public health services added with</td>
</tr>
<tr>
<td></td>
<td>New Mexico HIE (NMHIC) and Cerner CDPHE: Cancer Registry, Immunizations (CIIS),</td>
<td>clients, State Innovation Model grant</td>
<td>federal Medicaid expansions</td>
</tr>
<tr>
<td></td>
<td>Newborn Screening (results delivery), Electronic Lab Reporting, Syndromic Surveillance (CDC)</td>
<td><strong>HIE:</strong> Bi-directional connection with QHN</td>
<td></td>
</tr>
<tr>
<td>Hospitals</td>
<td>55 hospitals connected to HIE</td>
<td>9 hospitals connecting to HIE</td>
<td>1 hospitals under agreement for HIE</td>
</tr>
<tr>
<td>Doctors/</td>
<td>4,071 providers connected to HIE</td>
<td>97 PatientCare 360 or EHR Integration projects in development with providers</td>
<td></td>
</tr>
<tr>
<td>Providers</td>
<td></td>
<td>615 PatientCare 360 or EHR Integration projects in queue with providers</td>
<td></td>
</tr>
<tr>
<td>Behavioral</td>
<td>• 143 long-term care, skilled nursing, home health and hospice facilities</td>
<td>• 2 labs</td>
<td></td>
</tr>
<tr>
<td>Health/Labs/</td>
<td>• 41 behavioral health centers</td>
<td>• 1 lab</td>
<td></td>
</tr>
<tr>
<td>Long-Term</td>
<td>• 4 labs</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Care</td>
<td>• 1 imaging organization</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Payers/ACOs</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td></td>
<td>• CCMCN/CACHIE</td>
<td>• Anthem</td>
<td>• Aetna</td>
</tr>
<tr>
<td></td>
<td>• Colorado Access</td>
<td>• ICHP</td>
<td>• Humana</td>
</tr>
<tr>
<td></td>
<td>• Community Health Partnership (CHP) and Community CareClinic</td>
<td>• Rocky Mountain Health Plans</td>
<td>• United-Secure Horizons</td>
</tr>
<tr>
<td></td>
<td>• FullWell</td>
<td></td>
<td></td>
</tr>
<tr>
<td></td>
<td>• HCPF</td>
<td></td>
<td></td>
</tr>
<tr>
<td></td>
<td>• Kaiser Permanente</td>
<td></td>
<td></td>
</tr>
<tr>
<td></td>
<td>• Physician Health Partners (PHP)</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Consumers</td>
<td>• 4,000,000+ unique patients in the HIE</td>
<td>PHR/patient portal projects</td>
<td></td>
</tr>
<tr>
<td></td>
<td>• 9Health Fair</td>
<td></td>
<td></td>
</tr>
</tbody>
</table>
Hospitals – Connected

Banner Health System
• Banner Fort Collins Medical Center (4/2015)
• East Morgan County Hospital (8/2012)
• McKee Medical Center (8/2012)
• Northern Colorado Medical Center (8/2012)
• Platte County Memorial Hospital, Wyo (3/2016)
• Sterling Regional MedCenter (8/2012)
• Torrington Community Hospital, Wyo (3/2016)
• Washakie Medical Center, Wyo (3/2016)

HealthONE Health System (12/2014)
• North Suburban Medical Center
• Presbyterian/St. Luke’s Medical Center
• Rocky Mountain Hospital for Children
• Rose Medical Center
• Sky Ridge Medical Center
• Spalding Rehabilitation Hospital
• Swedish Medical Center
• The Medical Center of Aurora

Centura Health System (10/2011)
• Avista Adventist Hospital
• Castle Rock Adventist Hospital
• Littleton Adventist Hospital
• Mercy Regional Medical Center
• OrthoColorado Hospital
• Parker Adventist Hospital
• Penrose Hospital
• Porter Adventist Hospital
• St. Anthony Hospital
• St. Anthony North Hospital
• St. Anthony Summit Medical Center
• St. Catherine’s Hospital, Kansas (09/2014)
• St. Francis Medical Center
• St. Mary-Corwin Hospital
• St. Thomas More Hospital

Connection dates in parentheses
Hospitals – Connected (continued)

SCL Health System (Exempla) (5/2014)
• Good Samaritan Medical Center
• Lutheran Medical Center
• Saint Joseph Hospital

University of Colorado Health System
• Medical Center of the Rockies (12/2011)
• Memorial Hospital Central (7/2012)
• Memorial Hospital North (7/2012)
• Poudre Valley Hospital (12/2011)
• University of Colorado Hospital (6/2013)

Independent Hospitals
• Boulder Community Hospital (2/2011)
• Boulder Community Foothills Hospital (2/2011)
• Children’s Hospital Colorado (12/2012)
• Children’s Hospital Colorado S Campus (1/2014)
• Conejos County Hospital (9/2014)
• Craig Hospital (query only) (7/2013)
• Estes Park Medical Center (8/2014)
• Evans Army Community Hospital (12/2013)
• Longmont United Hospital (12/2011)
• Melissa Memorial Hospital (query only) (10/2014)
• Mt. San Rafael Hospital (8/2015)
• Pagosa Springs Medical Center (10/2015)
• Parkview Medical Center (4/2012)
• Prowers Medical Center (12/2014)
• San Luis Valley Regional Medical Ctr (8/2011)
• Yuma District Hospital (4/2016)

Connection dates in parentheses

Last updated 7/11/16
Hospitals – In Process to Connect

Independent Hospitals
• Animas Surgical Hospital
• Arkansas Valley Regional Medical Center
• Colorado Plains Medical Center
• Denver Health & Hospital Authority
• Kit Carson County Memorial Hospital
• Lincoln Community Hospital
• Rio Grande Regional Hospital
• Southwest Memorial Hospital
• Spanish Peaks Regional Health Center
• Vail Valley Medical Center
Labs/Imaging Centers

Connected to HIE:

- Colorado Lab Services
- Health Images/Colorado Springs Imaging
- LabCorp
- Quest Diagnostics (9Health Fair)
- Schryver Medical

Under Agreement:

- Cedar Diagnostics
- Gastroenterology of the Rockies (in-house pathology lab)
- MetroPath
- Touchstone Medical Imaging
- UniPath

Last updated 7/11/16
## CORHIO Service List

<table>
<thead>
<tr>
<th>CORHIO Portal Services</th>
<th>CORHIO Receiver Services</th>
<th>CORHIO Sender Services</th>
</tr>
</thead>
<tbody>
<tr>
<td>PatientCare 360</td>
<td>Results Delivery</td>
<td>HL7 Interface</td>
</tr>
<tr>
<td>PatientCare 360 – Results Inbox</td>
<td>Enhanced Results Delivery</td>
<td></td>
</tr>
<tr>
<td>Single Sign On</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Care Summary Query and Display</td>
<td></td>
<td></td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>CORHIO Public Health Services</th>
<th>CORHIO Patient Engagement Services</th>
<th>CORHIO Reporting Services</th>
</tr>
</thead>
<tbody>
<tr>
<td>Electronic Lab Reporting</td>
<td>PHR</td>
<td>Reporting – Clinical</td>
</tr>
<tr>
<td>Cancer Registry</td>
<td>Behavioral Health Patient Granular Consent</td>
<td>Reporting – ADT</td>
</tr>
<tr>
<td>CIIS Immunization Delivery</td>
<td></td>
<td>Reporting – Quality</td>
</tr>
<tr>
<td>CIIS Immunization Query</td>
<td></td>
<td>Reporting – Utilization</td>
</tr>
<tr>
<td>Syndromic Surveillance</td>
<td></td>
<td>Custom Development Reporting</td>
</tr>
<tr>
<td>Newborn Screening</td>
<td></td>
<td></td>
</tr>
</tbody>
</table>
## CORHIO Service List

<table>
<thead>
<tr>
<th>CORHIO Interoperability Services</th>
<th>CORHIO Transformation Support Services</th>
<th>In Development/Planned</th>
</tr>
</thead>
<tbody>
<tr>
<td>Secure Email</td>
<td>Meaningful Use Objectives &amp; Reporting</td>
<td>Receive Orders</td>
</tr>
<tr>
<td>Secure Email Across HISPs</td>
<td>EHR Selection &amp; Implementation</td>
<td>Send Orders</td>
</tr>
<tr>
<td>Secure Email Within EHR</td>
<td>Quality Reporting</td>
<td>PatientCare 360 Self Service</td>
</tr>
<tr>
<td>Care Summary Across Repositories</td>
<td>Medical Home Recognition</td>
<td>Referral Management</td>
</tr>
<tr>
<td>Care Summary Send</td>
<td>Grant Qualification Assistance</td>
<td></td>
</tr>
<tr>
<td>Care Summary Send Enhanced</td>
<td>Privacy and Security Consulting</td>
<td></td>
</tr>
<tr>
<td>Care Summary Query and Retrieve</td>
<td>Clinical Workflow Redesign</td>
<td></td>
</tr>
</tbody>
</table>
EHR Connectivity Status

Green: Connected to CORHIO

- AllMeds
- Allscripts Pro
- Allscripts TouchWorks
- Amazing Charts
- Answers on Demand
- Aprima
- Athena Health
- CareTracker
- Cerner Millennium/Power Notes
- CoCentrix (formerly UNI/CARE)
- eClinicalWorks
- E-MDs
- Elekta Mosaiq
- Epic
- GE Centricity
- Greenway
- Health Fusion
- HealthTronics/UroChart
- McKesson Horizon
- McKesson Practice Partner
- MEDHOST
- Meditech
- MicroMD
- ModuleMD
- Nextsmart
- NextGen
- Office Practicum
- Red Planet
- Sevocity
- SRSoft/SRS EHR
- Vitera/Intergy

Yellow: In process to connect to CORHIO or verified as being able to connect

- CareCloud
- CureMD
- MacPractice
- MediTab
- PointClickCare
- Pulse Systems

Red: Unlikely to connect to CORHIO in the near term

- Practice Fusion
View All Participating Providers

Visit www.corhio.org and select Participating Providers

Zoom in or out on the interactive map

Search by Physician Office, Hospital, or Clinic Name and/or by City or Zip Code

Sort the list by clinic/participant name, provider type, city, or HIE connectivity status
Hospital Participation Growth

- Hospitals - Connected
- Hospitals - In Implementation

CORHIO HIE Network Growth
CORHIO HIE Network Growth

User Participation Growth

- HIE Users
- Community Providers

Year:
- 2011
- 2012
- 2013
- 2014
- 2015
- 2016 to date

User Growth:
- 1,000
- 2,000
- 3,000
- 4,000
- 5,000
- 6,000
- 7,000
- 8,000
- 9,000
- 10,000

Date Range:
- 2016 to date
Process to Connect

For new participants:

• Sign BAA and PA
• Determine how to access the data (web-based portal or through EHR)
• For EHR integration – contact vendor to ask about interface process
• Technical implementation with project manager
• Validate & test – review data, adjust filters to customize how data comes in
• Validate HIPAA compliance, policies and procedures, patient opt-out
### Monthly Subscription Fees

<table>
<thead>
<tr>
<th>Work Status</th>
<th>Standard HIE Package (Includes PatientCare 360® Web portal, Clinical In-Box, and Secure Messaging)</th>
<th>Integrated HIE Package (Includes EHR Integration, PatientCare 360® Web portal, Clinical In-Box, and Secure Messaging)</th>
</tr>
</thead>
<tbody>
<tr>
<td>Full-time office-based providers</td>
<td>$25</td>
<td>$35</td>
</tr>
<tr>
<td>(≥ 25 hours/week avg)</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Part-time office-based providers</td>
<td>$10</td>
<td>$10</td>
</tr>
<tr>
<td>(&lt; 25 hours/week avg)</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Volunteer office-based providers</td>
<td>$10</td>
<td>$10</td>
</tr>
</tbody>
</table>

### One-Time Implementation Fees

<table>
<thead>
<tr>
<th>Practice Size</th>
<th>Standard HIE Package</th>
<th>Integrated HIE Package</th>
</tr>
</thead>
<tbody>
<tr>
<td>1-3 providers</td>
<td>$2,000</td>
<td>$2,500</td>
</tr>
<tr>
<td>4-10 providers</td>
<td>$2,000</td>
<td>$3,500</td>
</tr>
<tr>
<td>11-20 providers</td>
<td>$2,000</td>
<td>$4,500</td>
</tr>
</tbody>
</table>
“Use of the CORHIO system helps reduce the need to send information about the transferred patients by more primitive methods — such as paper, faxing and email — and helps expedite patient care.”

- Gary Hall, Estes Park Medical Center
Customer Comments

“For patients that are complicated and may not know their entire history, having another source of information is incredibly helpful. If I see a patient that has abnormal labs, for example, and they can’t tell me if they’ve been in the other hospital, and that information is in CORHIO. CORHIO really does help move healthcare forward.”

- Dr. Jack Sharon, Penrose Hospital
Customer Comments

“When a patient shows up at our urgent care and they don’t have a history with us, it’s best for their care if their health history is in a central place. The HIE has completely changed the way we care for patients.”

- David Glow, Boulder Medical Center
What’s New at CORHIO
What’s New at CORHIO

Imaging Results

- Health Images – first non-hospital radiology service provider to join CORHIO
- Includes locations in Colorado Springs and metro Denver
- Real-time access to radiology reports when a patient of a CORHIO participant has an MRI, CT Scan or other radiology test performed at Health Images
- Reports available through CORHIO’s PatientCare 360® portal or via EHR
What’s New at CORHIO
Data Services for Accountable Care

• We can deliver data files, reports, and notifications that give you insight into your patients and members, allowing you to improve clinical quality and reduce costs

• Real-time clinical data reports notify you when patients are hospitalized or visit the ER

• Especially helpful when patients receive care from providers outside your network or health system
What’s New at CORHIO
Ambulatory CCD Exchange

Providers can send care summaries into the HIE – new product in development

- Right now, we are taking them in, we are working on making them searchable and viewable
- Part of the Colorado Care Connections Program for Medicaid providers and other grant opportunities
- When this is true exchange and viewable in Community Health Record, ambulatory data will be seen by specialists, vice versa
What’s New at CORHIO

Grant Opportunities

**Colorado Care Connections Program**
- Provides funds for Medicaid providers to access the HIE either via the web portal or through their EHR
- Incentivizes practices to send patient data to the HIE through CCDs
- Participants can also receive assistance from Transformation Support Services

**Colorado Advanced Interoperability Initiative**
- CORHIO and QHN received grant to improve interoperability via CCD exchange between behavioral health, long-term care, home health and physician practices
- CORHIO creating a consent management portal for patients at a behavioral health pilot site
- Provides funds for qualified organizations to complete a technology assessment
- Incentivizes participants to send patient data to the HIE through CCDs
Transformation Support Services
Transformation Support Services

Meaningful Use

CORHIO’s team can help you with Meaningful Use:

• Generating and reviewing Meaningful Use reports from your EHR and helping you with necessary changes

• Completing a security risk assessment, which is required of all providers in the EHR Incentive Programs

• Creating an audit binder to ensure your practice has the necessary documentation in the event of an audit

• Attesting to Meaningful Use using the CMS Registration and Attestation System (for Medicare) and/or the Colorado Registration and Attestation System (for Medicaid)
CORHIO is a Clinical Health Information Technical Advisor (CHITA) for the State Innovation Model (SIM) Program

- Assist practices with assessment of data capacity, development of a data quality improvement plan
- Assist with developing and managing workflow for data collection, reporting, and analysis
- Links practices with other technical assistance resources
- Applications for COHORT 2 next month
Transformation Support Services

PCMH

How our team can help you achieve medical home recognition:

• Assistance with EHR reports, policies and procedures, document preparation, and submission of your recognition application

• Access to a proprietary interactive tool that evaluates your success rate for each level of recognition and guides the entire project management process for a successful application

• Recommendations for workflow and cultural changes needed to transform your practice

• Post-certification check-ins to review elements and opportunities to advance your level of certification and audits, if necessary

• Recommendations for tying PCMH recognition with Meaningful Use and Physician Quality Reporting System (PQRS) measures
Questions?

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720-285-3190

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Transformation Services Manager
edormaier@corhio.org
303-506-3272