Integrating Clinical Data into the Medi-Cal Enterprise

Knowledge Network Webinar

27 April 2018
Knowledge Network

What is the Knowledge Network?

Peer assistance program and forum for collaboration

Monthly webinars
  – Presentations by Members or guest speakers
  – Discussion on topics of importance to Members
  – Member meetings

Send topic ideas info@ca-hie.org

Visit www.ca-hie.org/resources/knowledge-network for more information including past recordings, and additional resources
Reminder

Webinars are recorded and made available on our web site

Mute yourself if you do not wish to be recorded.
Integrating Clinical Data into the Medi-Cal Enterprise
Christopher Craig, Clinical Data Project Lead
Karen Boruff, Clinical Data Business SME

The use of clinical data by the Department of Health Care Services (DHCS) is a critical component for improving the quality, efficiency, and cost-effectiveness of care delivered to Medi-Cal members. By merging clinical data with administrative data, DHCS will be able to meet federal goals for program improvement and delivery system redesign, improve care coordination, and help advance interoperability and health information exchange across the health care ecosystem. DHCS is currently working on a solution to advance the ability of program areas to electronically exchange health information with trading partners throughout the state. To support the initial use case of post-utilization clinical and administrative monitoring and oversight, the proposed solution will utilize national standards for data structure and exchange, while also leveraging the existing HIE infrastructure to minimize the impact to participating providers. This presentation will provide an update on the clinical data collection efforts at DHCS, including an overview of the initial use case and project timeline, high-level functionality, and potential future use cases.
Integrating Clinical Data into the Medi-Cal Enterprise

CAHIE Knowledge Network
April 27, 2017

Presenters:
• Chris Craig, Clinical Data Project Lead
• Karen Boruff, Clinical Data Business Subject Matter Expert
Agenda

• Introduction
• DHCS Clinical Data Efforts
  – Chief Business Drivers
  – General Use Cases
• Current Project
  – Planned Approach
  – Minimum Data Set
• Q&A
Mission:
To provide Californians with access to affordable, integrated, high-quality health care, including medical, dental, mental health, substance use treatment services and long-term care.
Clinical Data to Support Medicaid

Meets Federal Goals
- Medicaid Information Technology Architecture (MITA)
- Medi-Cal 2020 Waiver

Improves Care for Members
- Admin data + clinical data = care coordination
- Quality monitoring

Advances Interoperability
- Supports HIE adoption
- Promotes improved data quality

Admin data + clinical data = care coordination
# Chief Business Drivers

<table>
<thead>
<tr>
<th>Program Integrity &amp; Compliance</th>
<th>Real-time access to patient medical records to support compliance audits, utilization management activities, and field audits</th>
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<tbody>
<tr>
<td>Operations</td>
<td>Utilize national standards for data structure and exchange to improve DHCS processes and programs</td>
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<tr>
<td>Delivery System Redesign</td>
<td>Development of a longitudinal health record for tracking continuity of care, assisting with care coordination, and managing complex cases</td>
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<td>Population Health</td>
<td>Integration of clinical data with administrative data for population health analysis</td>
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<td>Value-Based Care</td>
<td>Development and use of dashboards for measuring the quality and effectiveness of services</td>
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Current Uses at DHCS

Clinical Data Project

Utilization reviews

Compliance audits

Complex case management

Service authorizations

Policy development

Provider/facility site reviews

04/27/2018
Clinical Data Project

Superior Systems Waiver

- Authority for DHCS’ utilization management plan for FFS acute inpatient admissions
- Oversight of Medi-Cal services in a post-payment program that does not require a TAR for specific types of service
- Requires review of clinical record to validate medical necessity

New Monitoring & Oversight Process

- FFS Medi-Cal Hospital Admission
- Hospital determination utilizing InterQual®/MCG for the admission
- Claim submission
- DHCS random sample of claims obtained (approximately 6 months after claim submission)
- DHCS conducts chart review

Source: Medi-Cal Superior Systems Waiver Comprehensive Renewal
Clinical Data Project

Problem
Clinical data accessed via paper charts or virtually using hospital-supplied credentials

- Not scalable
- Different EHRs
- Manual, non-standardized process

Solution
DHCS information technology system to access and view clinical data

Gateway

CDR

UI
## Benefits

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<tr>
<th>CAASD</th>
<th>DHCS</th>
<th>Hospitals</th>
<th>HIE</th>
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<tr>
<td>Secure</td>
<td>Leverages EHR/HIT Funding</td>
<td>Secure</td>
<td>Expands local HIT initiatives</td>
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<td>Scalable to 400+ hospitals</td>
<td>Fewer connections</td>
<td>No manual intervention</td>
<td>Reduces white space</td>
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<td>TAR-free program expansion</td>
<td>Repeatable processes &amp; services</td>
<td>Reduction in Medi-Cal billing cycle time</td>
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- Improves data quality
- Supports Triple Aim
Project Timeline

2017
- Began industry research
- Conducted Gap Analysis and Requirements
- Explored additional DHCS use cases
- Signed CalDURSA

July 2018
- Technology procurement
- Stakeholder communication and outreach
- CTEN onboarding application

Sept 2018
- Solution implementation
- Conduct CTEN testing

Dec 2018
- Solution implementation
- Connect to Initial trading partners
Critical Workstreams

Data Submission Guidelines
- Standards-based
  - Based on existing practice
  - Promotes uniformity

HIE Technology
- Standards-driven
  - Builds on existing investments
  - Leaves plenty of room to grow

Rollout
- Multilateral
  - Early adopters
  - Expand over time
  - New participants will use standard
Planned Approach

TAR-Free Case Reviews
• Episodic vs. longitudinal
• Require complete record of episode to uphold reimbursement
• Standard CCD is not sufficient

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<tr>
<th>Minimum Data Set</th>
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<tr>
<td>Demographics</td>
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<td>Diagnosis</td>
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<td>Current Medications</td>
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<tr>
<td>Allergies</td>
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<tr>
<td>Discharge Summary</td>
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<td>Medication Administration Record</td>
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<td>Studies</td>
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<td>Nurses Notes</td>
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1. Leverage HIE infrastructure
   – Connect with community HIEs and hospital systems
   – eHealth Exchange
2. Utilize national standards for data structure and exchange
   – C-CDA templates
   – Exchange specifications
   – Future use of other standards/transaction patterns
Next Steps

1. Implement technical solution
2. Connect with initial trading partners
3. Work with HIEs & hospitals on data content
4. Onboard to CTEN
Questions?

Thank you!

Questions about the TAR-Free Programs: DRGTARFree@dhcs.ca.gov

Questions about HIE or MITA: MITA@dhcs.ca.gov
Next Month

To be announced...