



Special Open Door Forum (SODF) #3

Documentation Requirement Lookup Service



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May 14, 2019

2:00 – 3:00 pm EDT

Introductions

Speakers

- **Melanie Combs-Dyer, Director**
Provider Compliance Group (PCG), Center for Program Integrity (CPI), CMS
- **Ashley Stedding, Management and Program Analyst**
PCG, CPI, CMS
- **Larry Decelles, DRLS Technical Lead**
The MITRE CMS Alliance for Modernizing Healthcare (CAMH) Team
- **Robert Dieterle, Project Technical Advisor**
The MITRE CAMH Team

Additional Resources

- **Nalini Ambrose, Project Lead**
The MITRE CAMH Team

Agenda







- **DRLS Overview/Recap**
- **DRLS in Action: CRD Pilot**
- **DRLS in Action: DTR Pilot**
- **DRLS Activities / Next Steps**
- **Questions**

DRLS Overview

What is DRLS?

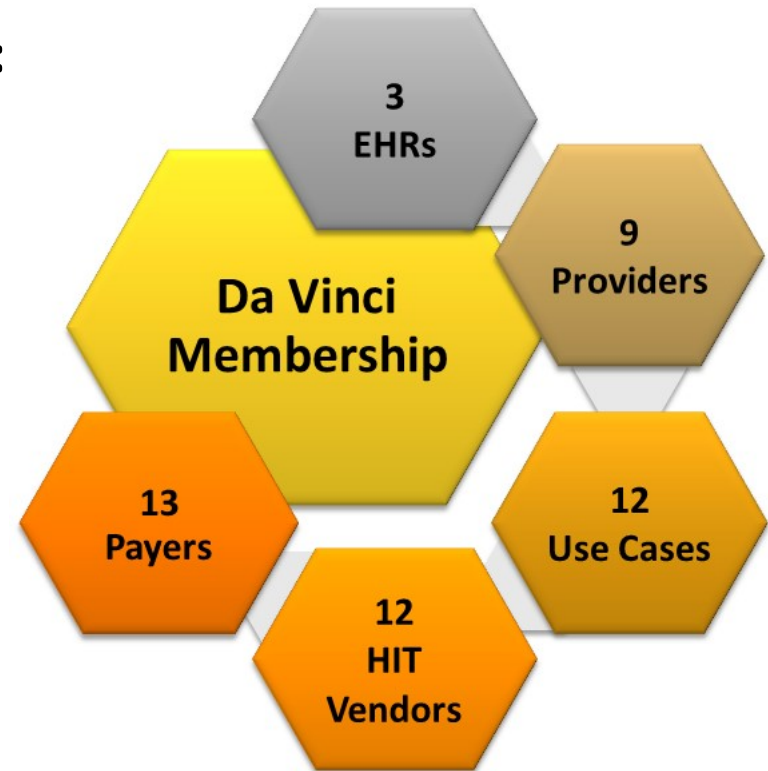
- **DRLS:**

- Will allow providers to discover prior authorization and documentation requirements at the time of service in their electronic health record (EHR) or integrated practice management system through electronic data exchange with a payer system
- Will enable providers and payers to achieve three top goals:

		Reduce provider burden
		Reduce improper payments and appeals
		Improve “provider to payer” information exchange

Da Vinci Project

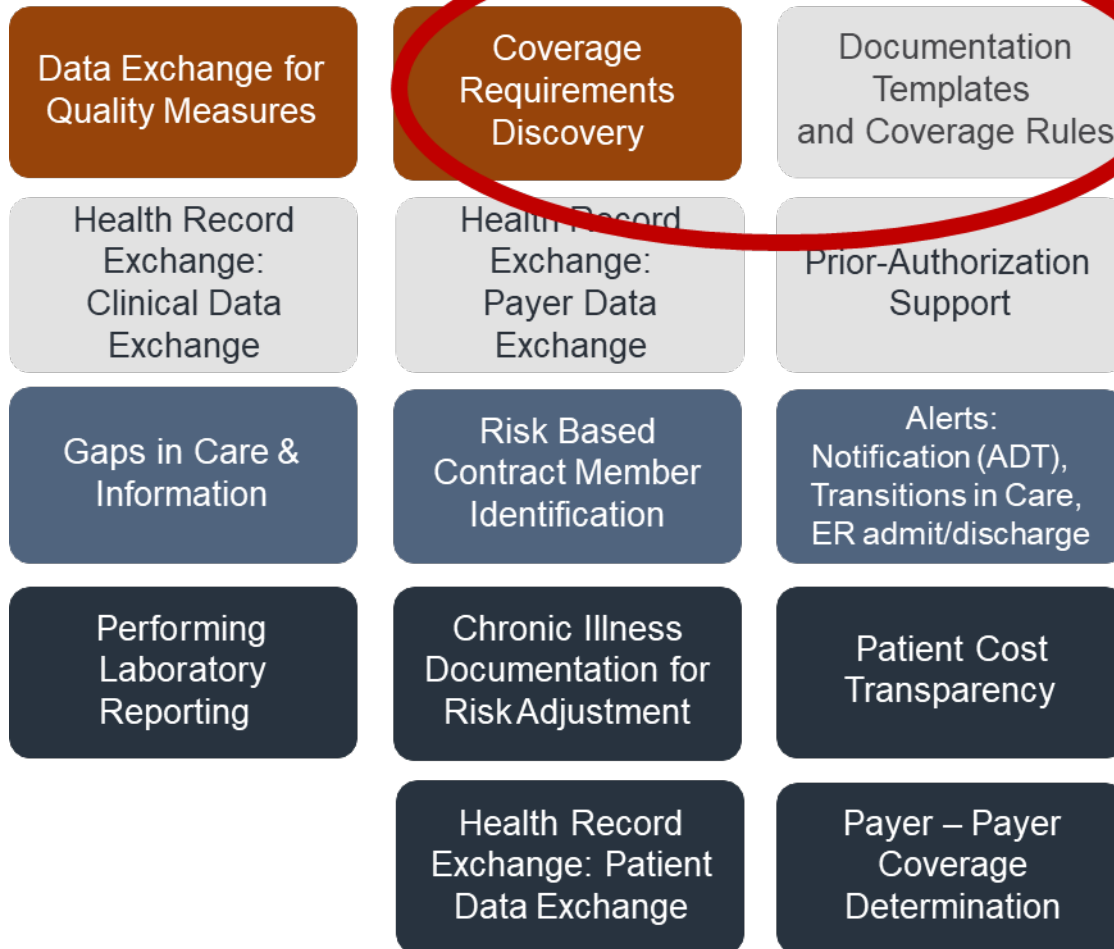
- Convened by HL7 International, A Health Care Standards Development Organization
- Da Vinci is an industry-led effort to:
 - Establish a *rapid multi-stakeholder* process to identify and implement critical use cases *for the exchange of information between payers and providers*
 - *Minimize* the development and deployment of *unique solutions*
 - *Focus on* reference architectures that will promote *industry-wide standards and adoption*



Note: Visit <http://www.hl7.org/about/davinci/index.cfm> for a complete list of members and use cases, Membership data from site on 03/12/2019.

HL7 Da Vinci Use Cases in DRLS

DRLS is based on these two use cases



Coverage Requirements Discovery (CRD):

The provider's EHR asks the payer's system if there are prior authorization and/or documentation requirements, receiving a "yes" or "no" response

Documentation Templates and Coverage Rules (DTR):

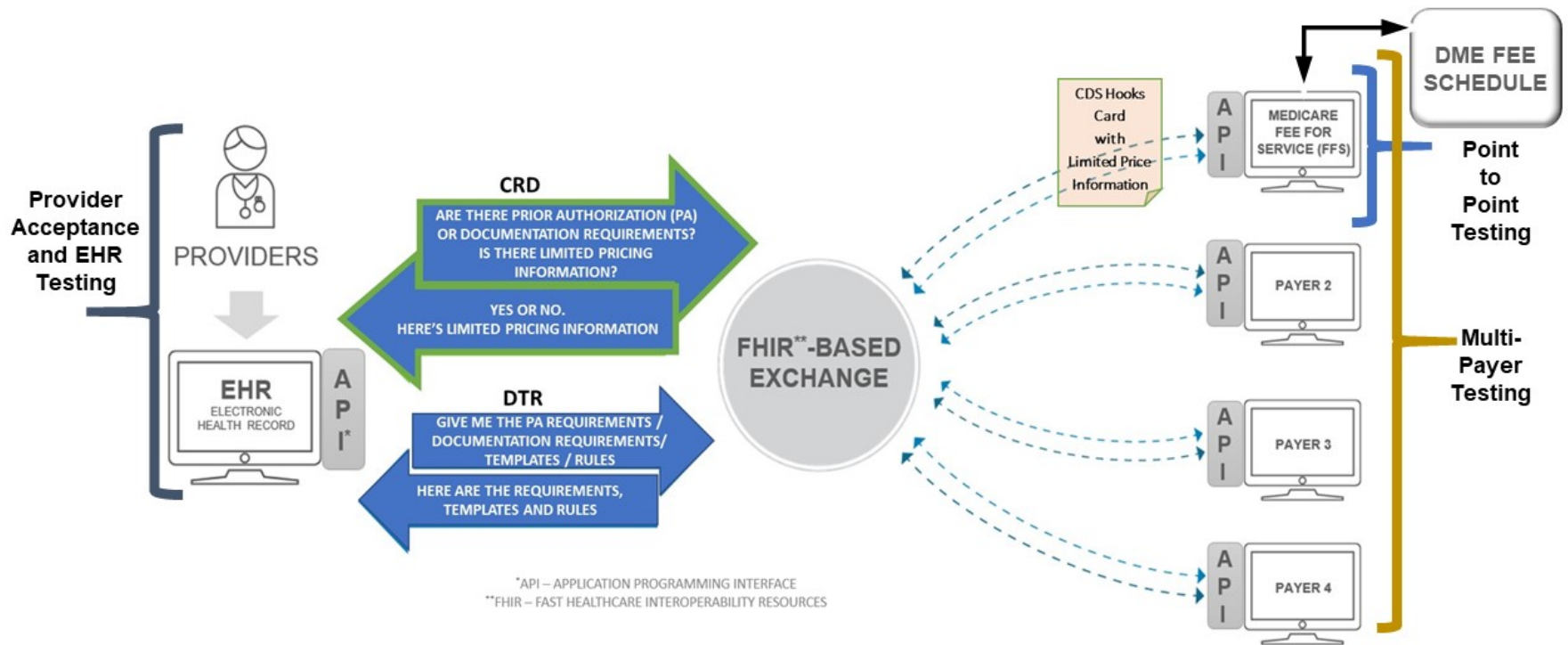
The EHR can request and receive documents, templates and rules from the payer's system

Use Case Status

- In HL7 ballot reconciliation as draft standard
- Under active development
- 2019 use cases
- Use cases in discovery

DRLS in Action: CRD Pilot

DRLS CRD Prototype Development



- Developed CRD Implementation Guide which passed initial HL7 ballot (re-ballot in May), and CRD Reference Implementation

Limited Price Information in CRD Pilot

- The CRD prototype also includes a CDS Hooks Card with price information that is being pilot tested
 - The payer system sends the CDS Hooks Card with relevant price data to the provider's EHR



Cost transparency
addresses provider
and patient needs

Example of Price Information Card

Medicare Fee For Service -- Home Oxygen Therapy Documentation Requirements

- 1) diagnoses requiring supplemental oxygen
- 2) testing to confirm hypoxia in chronic stable state performed and evaluated
- 3) documentation that alternative therapies were tried and not completely effective
- 4) patient is mobile if portable O2 supplies are ordered
- 5) [click here](#) for additional information (including Group 1 and Group 2 criteria)

Patient Monthly Cost Information (Florida) Metro / Rural Copay (20%)

E0424: Stationary compressed gaseous oxygen system	\$14.64 / \$26.94
E0431: Portable gaseous oxygen system	\$ 7.32 / \$13.47
E0433: Portable liquid oxygen system	\$ 7.32 / \$13.47
E0439 : Stationary liquid oxygen system	\$14.64 / \$26.94
E0441: Stationary gaseous oxygen system	\$ 9.78 / \$12.84
E1390: Oxygen concentrator (85% or greater O2)	\$14.64 / \$26.94

Subject to deductible and may be covered by supplemental insurance

Note: E0433 is highlighted because provider was ordering this when the hook was triggered

CRD Pilot Update



CRD Initial Pilot Successfully Tested at the HIMSS Conference Interoperability Showcase, Feb 2019

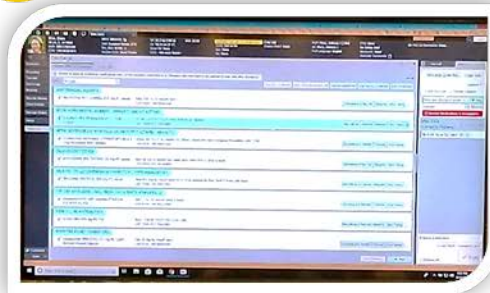
- **CRD Pilot tested integration in provider and EHR systems**
 - Able to successfully demonstrate CRD prototype (including limited price transparency functionality) real-time with other Da Vinci use cases
 - Approximately 500 attendees viewed CRD prototype in pilot
 - Eight demonstrations were performed – All eight were successful in exchanging targeted data between provider and payer
- **HL7 deployed surveys to providers, payers, and EHR/health IT vendors to determine level of awareness and readiness of functionality for DRLS**

CRD Pilot Demo at HIMSS



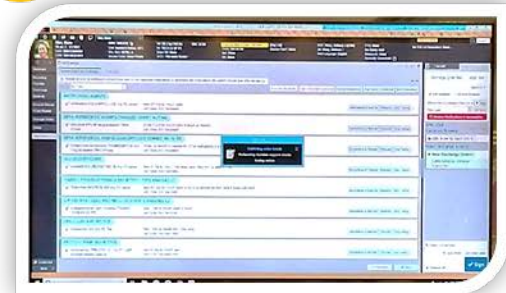
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The provider wants to order home oxygen therapy for a patient through the EHR. This triggers several events from the EHR.



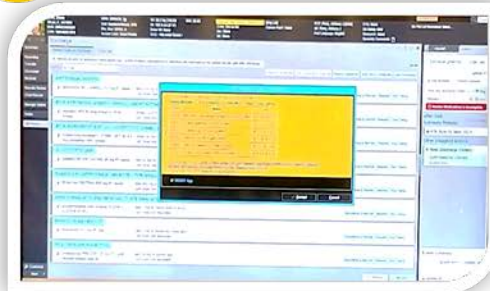
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A query is sent to the payer system, requesting coverage and documentation requirements.



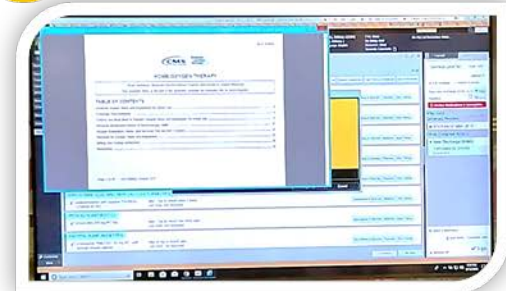
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The payer system automatically returns limited pricing information for ordering home oxygen therapy to the provider.



4

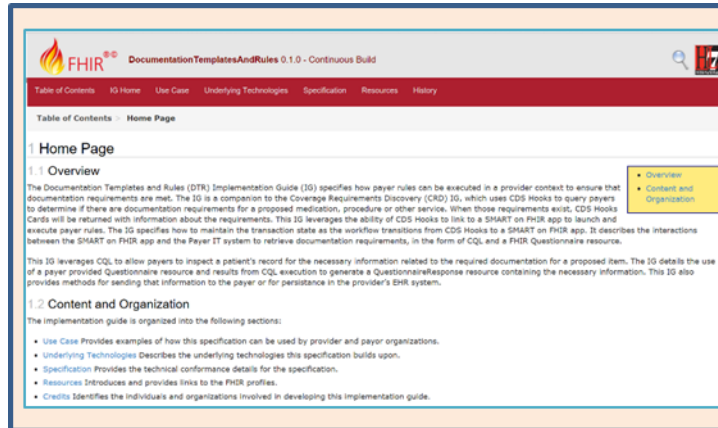
The payer system also provides coverage and documentation requirements for ordering home oxygen therapy.



Selected screenshots taken from the HIMSS live demo shows CRD in action

DRLS in Action: DTR Pilot

DRLS DTR Prototype Development



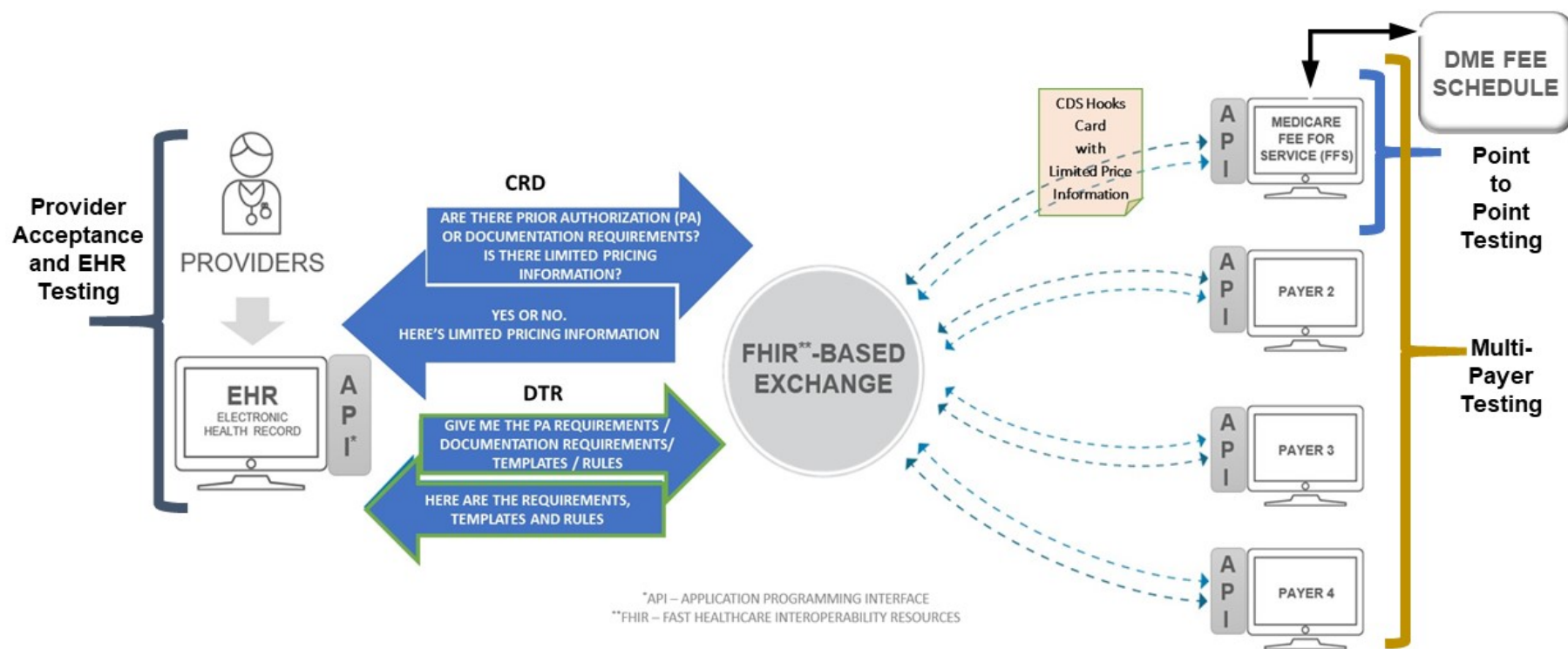
DTR Prototype Development and Pilot Testing - Target Completion May 2019

- **DTR Implementation Guide developed and posted on the HL7 Da Vinci site (<http://build.fhir.org/ig/HL7/davinci-dtr/>)**
 - HL7 ballot in May
- **DTR Reference Implementation drafted and hosted at the Healthcare Services Platform Consortium (HSPC)**
- **DTR SMART on FHIR app, and DTR CPAP and Oxygen Therapy Rules developed**
- **Full integration with CDS Connect, which hosts DTR related rules and artifacts, is complete**

DRLS DTR Pilot

Pilot testing (using patient test data) verifies ability to:

1. *Trigger request based on provider action (e.g., order)*
2. *Send request to the responsible payer with appropriate clinical context*
3. *Receive, process and respond to the request by multiple payers*
4. *Utilize the response in the providers clinical workflow*



DRLS Activities / Next Steps

Activities Since Last SODF

- **Conference and Other Forum Activities**
 - CMS presented DRLS at the American Medical Informatics Association (AMIA) Clinical Informatics Conference on May 2, 2019
 - The DRLS/DTR was tested as part of the Connectathon at the HL7 International Conference & Working Group Meeting, May 4-10, 2019
- **Other Outreach Activities**
 - Wikipedia page on DRLS drafted for online upload
 - Journal article on DRLS developed for publication
- **DRLS Stakeholder Work Group**
 - Convened ongoing DRLS Stakeholder Work Group meetings to identify top challenges and priorities, and to provide insights into DRLS development and implementation

Get Involved

- **How to Get Involved: Payers, EHR / HIT Vendors, and Providers**
 - **To help establish standards:** Contact one of the FHIR-based standards efforts (for information, visit <https://www.hl7.org/fhir/overview.html>)
 - **To participate in DRLS pilots:** Contact CMS at the email address below: MedicareDRLS@cms.hhs.gov
 - **To be informed:** Continue to attend upcoming CMS events related to DRLS progress: go.cms.gov/MedicareRequirementsLookup
- **Check into future HL7 Connectathon events and other related forums, where DRLS development will continue**
- **Review [Strategy on Reducing Regulatory and Administrative Burden Relating to the Use of Health IT and EHRs](#)***

*Published by the Office of the National Coordinator for Health Information Technology (ONC) on behalf of Health and Human Services (HHS)

Relevant Links and Resources

- **CMS**
 - go.cms.gov/MedicareRequirementsLookup
- **Clinical Quality Language (CQL)**
 - [HL7 Clinical Quality Language](#)
 - [CQL Educational Resources](#)
 - <https://cql.hl7.org/>
- **Fast Healthcare Interoperable Resources (FHIR)**
 - [HL7 FHIR DSTU2](#)
 - [HL7 FHIR STU3](#)
- [HL7 Da Vinci Project](#)
- [CDS Hooks](#)
- **Other Standards**
 - [HL7 CDS Knowledge Artifact Specification](#)

Comments or Questions?



General Comments/Recommendations?

*Feedback and suggestions on the
Documentation Requirement Lookup Service
can be sent to: MedicareDRLS@cms.hhs.gov*

*For more information, visit:
go.cms.gov/MedicareRequirementsLookup*