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# Clinical Quality Metrics Registry (CQMR) Subject Matter Expert Workgroup

June 12, 2019

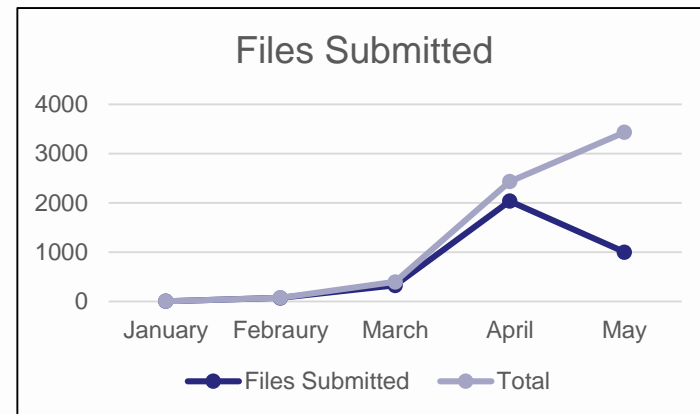
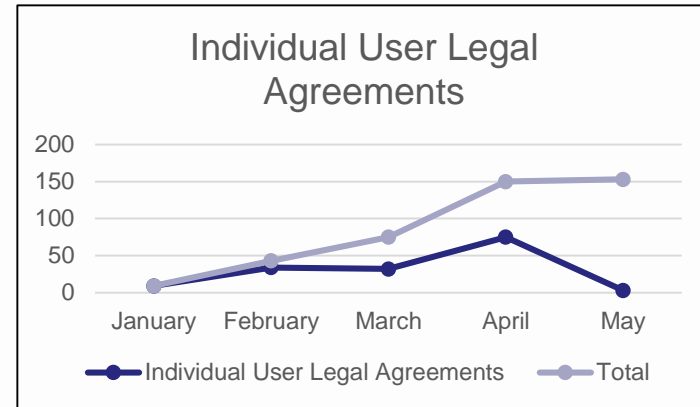


# Agenda

- Welcome and agenda review
- Status update
- Aggregating QRDA 3 files from multiple locations
- Pilot work on CCO reporting
- Active Care Relationship Service (ACRS)
- QRDA I TA
- Wrap-up and next steps

# CQMR Status Update

- Number of organizations that have returned signed legal agreements as of May 31, 2019: **111**
- Usage stats as of May 31, 2019:
  - Number of unique users who have logged into CQMR: **153**
  - Number of files submitted: **3,433** (includes duplicates and re-submissions)



# Project Changes

- Peraton (systems integrator) rolling off project at end of June
- OHA contracting directly with Velatura (MiHIN) and OneHealthPort

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# Aggregating QRDA Cat 3 Files



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# Pilot Work on CCO Reporting



# Refresher

- Pilot test this summer to get ready for 2019 reporting
- Issue uncovered in UAT: When clinics share a TIN, system sees submissions from clinics as duplicates
- Solution: Unique ID for each clinic
  - PCPCH ID
  - Rostering process
  - For uploaded files, naming convention with unique CCO abbreviation and PCPCH ID

# CCO Pilot – Changes to Data Proposal Layout

Save Add Entries

Organization Name	Organization TIN	Practice Name	PCPCHID	Practice TIN
<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>

*Practice Name field uses spyglass lookup; PCPCH ID field added*

Lookup

Park Go!

Search ☒ Name ☐ All Fields

< Clear Search Results

Search Results

Practices [1]

Practice Name	PCPCHID	Organization Name	Address	Address 2	City	State
Practice ABC	00358	Blue Org	337 Russell St	97216	Portland	OR

*Pop-up window to search for Practice*

Save Add Entries

Organization Name	Organization TIN	Practice Name	PCPCHID	Practice TIN
Blue Org	378403849	Practice ABC	00358	824862866
Westside Organization	172839405	Sunnyside Health Center Clinic	12244	284739437
JWY Organization	182930483	Amy's Practice	00358	268568395

*PCPCH ID and Practice TIN auto-populated from selected Practice when Data Proposal is saved*



# Pilot Work

What?	Test CCO reporting, with PCPCH IDs used to identify clinics
Who?	You!
When?	July 23 (tentative)
Where?	Wilsonville (Clackamas Community College)

# Approach

- Model office, with participants grouped by CCO
  - Fewer test cases to run
  - Make pilot as realistic as possible
- Use 2018 reported data
  - Introduce some errors and corrections
  - Please bring some QRDA 3 files if you can

Questions?

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# Active Care Relationship Service (ACRS)





velatura



# Active Care Relationship Service Overview

**James Noland**  
*Product Manager*



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# Challenges of linking quality data to CCOs

Sharing quality information with the right organizations can be difficult without a way to capture relationships

1

Following a visit with Tricia's PCP, a QRDA CAT 1 message is sent to CQMR

2

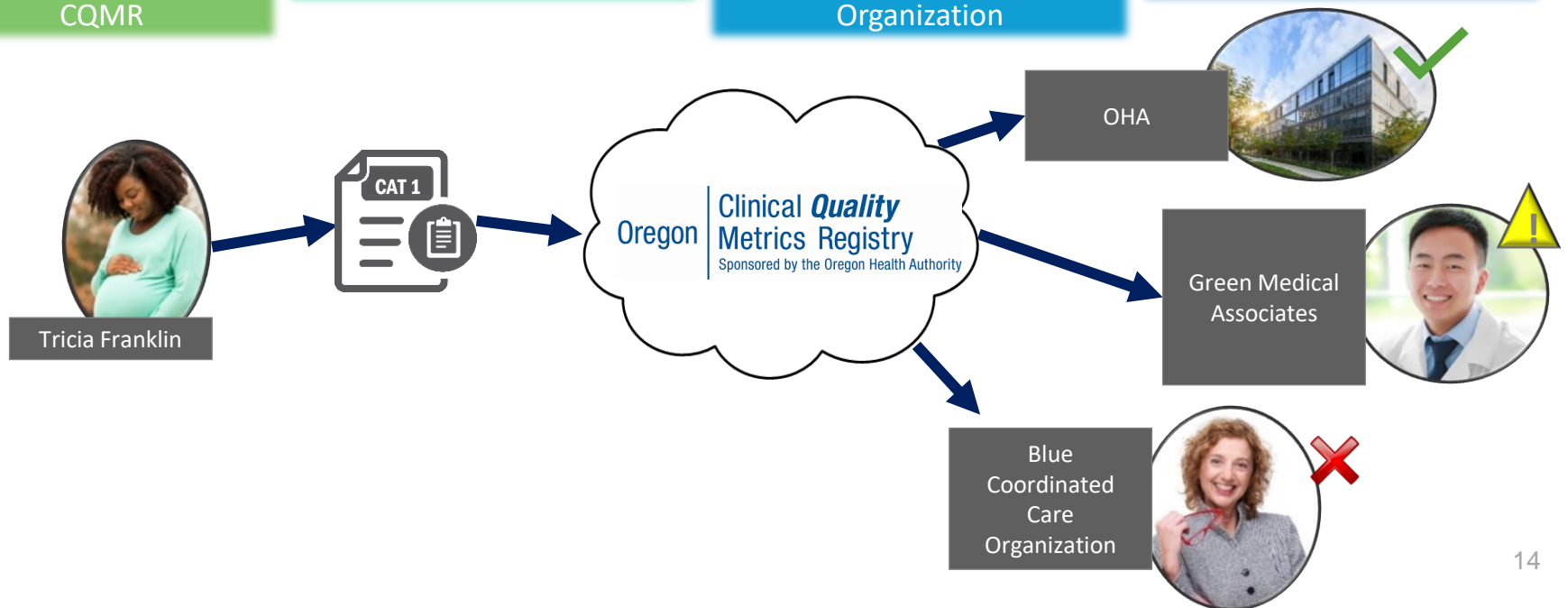
The provider had Tricia's former CCO listed as Green Medical Associates

3

Recently Tricia has moved and her plan is now affiliated with Blue Coordinated Care Organization

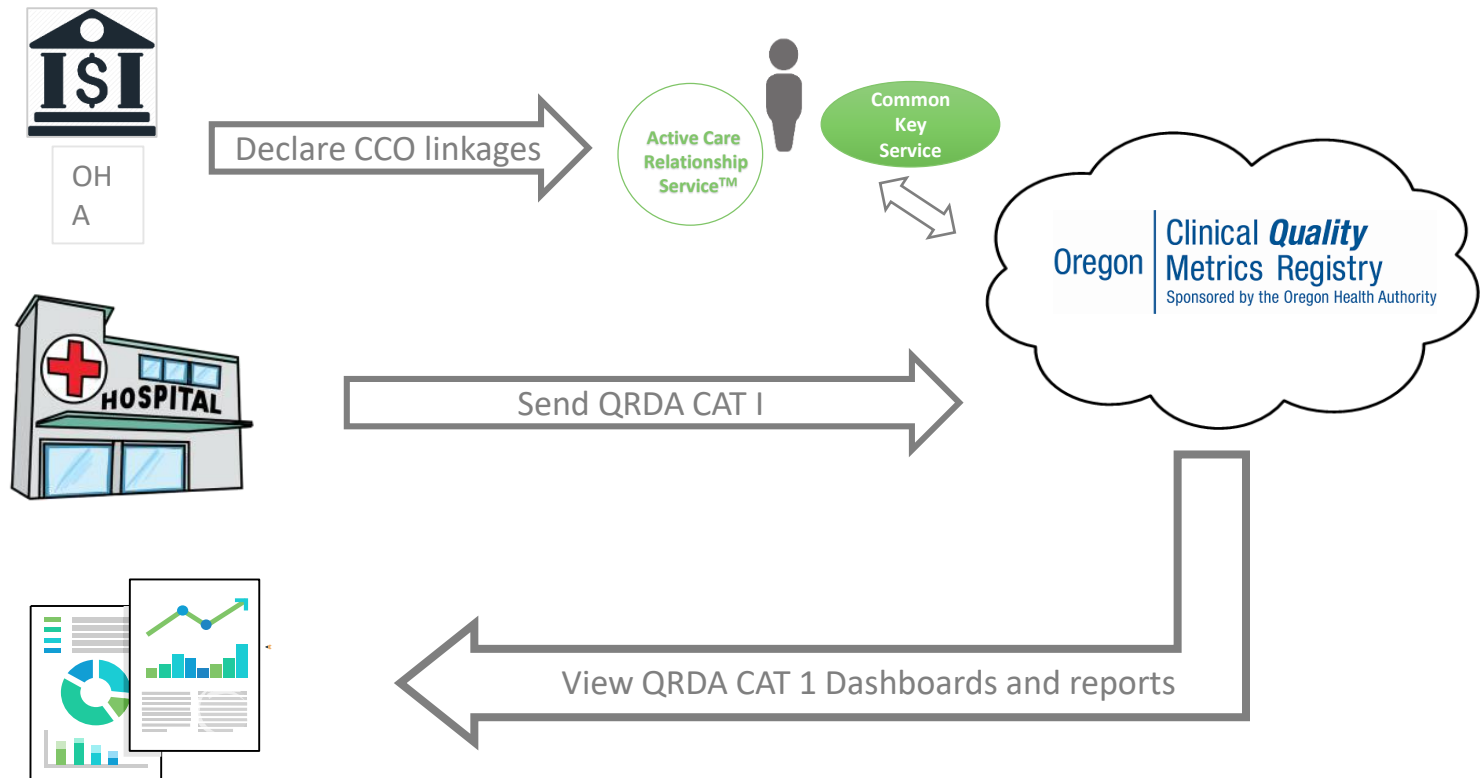
4

Tricia's quality measure information is not attributed to the correct CCO in CQMR



14

# Basic Model



# Active Care Relationship Service® (ACRS®)

Linking patients with their information

Lets OHA assign CCO **active care relationships** to patients by submitting patient rosters to CQMR

**Accurately attributes information** to allow CCOs and OHA to generate patient level quality reports

Enables OHA to **update CCO relationships** on a regular basis

Set the core infrastructure for future **expansion** to other Use Cases



Patient demographics from QRDA Category 1 files flowing through CQMR will be automatically queried against ACRS™, allowing for:

- Accurate attribution to one or more payers, including Medicaid
- Views for patient-level quality information available to CQMR users
- Payer hierarchy-based view permissions to be set
- Advanced control reporting



# ACRS™ File Example

Field #	DATA ELEMENT	TYPE	MAX LENGTH	DESCRIPTION
1	Unique Patient ID	Char	40	Unique ID for patient within your organization
2	Secondary Client ID	Char	40	Other unique identifier used for patient matching (i.e. payer contract number)
3	Patient First Name	Char	50	Patient-specific First Name
4	Patient Middle Initial	Char	1	Patient-specific Middle Initial
5	Patient Last Name	Char	50	Patient-specific Last Name
6	Patient Name Suffix	Char	5	Patient-specific Suffix (e.g. Jr, Sr, III)
7	Patient Date of Birth	Char	10	Date of Birth (format: MM/DD/YYYY)
8	Gender	Char	1	Patient gender (valid values: "M" or "F" or "U" or "O")
9	SSN - Last 4	Num	4	Must include last four digits of patient's Social Security Number
10	Patient Address 1	Char	100	Street Address
11	Patient Address 2	Char	100	Additional Street Address
12	Patient City	Char	30	City
13	Patient State	Char	2	State in 2 character format (e.g. MI)
14	Patient Zip	Char	5 or 7	Format '12345' or 'A1A 1A1' (alternate); Canadian zip code requires mandatory space as the fourth character
15	Patient Phone - Mobile	Char	12	Format '123-456-7890'
16	Patient Phone - Home	Char	12	Format '123-456-7890'
17	Attributed Physician NPI	Char	10	Physician 10 digit NPI number (must start with 1,2, or 9 (MiHIN internal) and must be listed if Physician First and Last Names are provided)
18	Attributed Physician First Name	Char	100	The Physician First Name; the name used will be the same name as recorded in the organization database (must be listed if NPI is provided)
19	Attributed Physician Last Name	Char	100	The Physician Last Name; the name used will be the same name as recorded in the organization database (must be listed if NPI is provided)
20	Attributed Practice Unit OID	Char	125	Practice registered object identifier code; one unique OID per legal entity
21	Attributed Practice Unit Name	Char	125	The Practice Name with the designated relationship with the Physician; one unique name per legal entity
22	Managing Organization OID	Char	125	Object identifier for organization that is the custodian of the patient record; one unique OID per legal entity
23	Managing Organization Name	Char	125	Name for organization that is the custodian of the patient record; one unique name per legal entity
24	Service Delivery Preferences	Char	100	List of services (Submit/Receive Statewide ADT Notifications;Exchange Medication Reconciliation;Common Key Service)
25	Common Key	Char	40	Patient's MiHIN Common Key

# Common Key Service (CKS)

Provides Consistent and Reliable Patient Matching

MiHIN's **solution** to improve patient matching.

An additional **common identifier** to include in patient demographics when sharing or merging data

Built upon:

- ✓ Active Care Relationship Service®



## Goals:

- ✓ Improve match rates when linking patient records
- ✓ Link individuals across multiple organizations, applications and services

# Common Key Service

- ✓ **Improving patient safety** by minimizing mismatches and finding the right electronic health records
- ✓ **Improving data quality** by linking individuals to their health information across multiple organizations, applications and services
- ✓ **Reducing costs** by running as a web service with rich application programming interface for easy integration
- ✓ **Improving care** by ensuring right organizations have right patient information at right time



**Consistent  
and Reliable  
Patient  
Matching**

# How Common Keys Are Used and Maintained



Used for system-to-system communication  
**only**

**Not** a standalone unique identifier; must **always** be used with other attributes (e.g., DOB)

May be updated from time to time as a result of ongoing de-duplication and data cleansing activities; use case participants **must**:

- ✓ Notify MiHIN when local splits and merges impacting common key assignment are discovered
- ✓ Subscribe to the change notification service
- ✓ Propagate changes throughout source system(s)



# ACRS™ and CQMR

Using the ACRS and CKS, Tricia Franklin's health information can be accurately linked

1

Following a visit with Tricia's PCP, a QRDA CAT 1 message is sent to CQMR

2

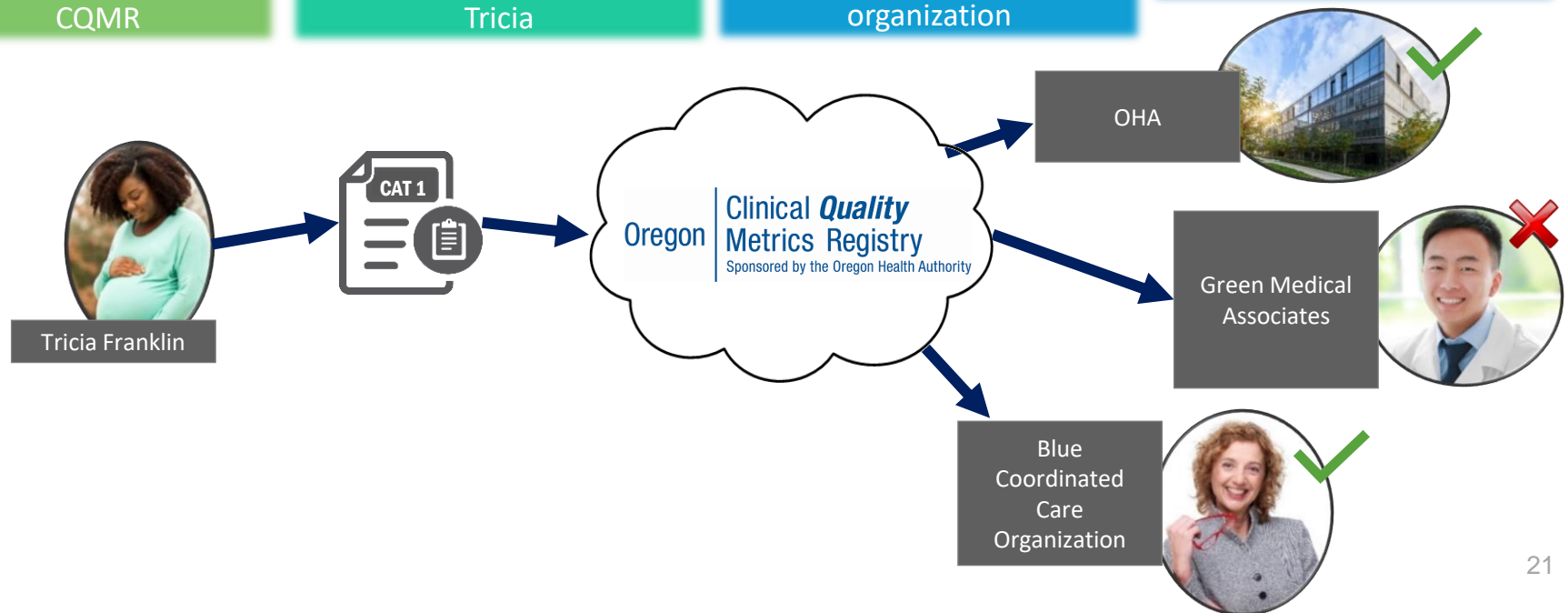
The Active Care Relationship Service™ uses the common key to accurately identify Tricia

3

CQMR uses the information found in ACRS™ to attribute Tricia to the appropriate organization

4

The QRDA CAT 1 message is viewed by members of that organization within CQMR





21

## Examples of OHA View



### Medicaid QRDA Category 1 Report

Reporting Period(s): 2014-01-01 - 2019-01-01

**CCO Name:** CCO Blue Coordinated Care Organization

Provider	Patient Name	Encounter Date	eCQM	Data
Dr. Jones	Smith, Suzy	4/25/2018	HIV/Aids: Pneumocystis Jiroveci Pneumonia (PCP) Prophylaxis	
Dr. Miller	Reed, Andrew	5/12/2018	Preventative Care and Screening: Screening for High Blood Pressure and Follow-Up Documented	

**CCO Name:** CCO Green Medical Associates

Provider	Patient Name	Encounter Date	eCQM	Data
Dr. Johnson	Greeley, Maddy	3/12/2018	Preventative Care and Screening: Screening for Depression and Follow-Up Plan	
Dr. Young	Fordice, Jacob	5/12/2019	Hypertension: Improvement in Blood Pressure	



Appropriate Action Taken





Appropriate Action Not Taken

## Examples of CCO View

### Medicaid QRDA Category 1 Report

Reporting Period(s): 2014-01-01 - 2019-01-01

**CCO Name:** CCO Blue Coordinated Care Organization

Provider	Patient Name	Encounter Date	eCQM	Data
Dr. Jones	Smith, Suzy	4/25/2018	HIV/Aids: Pneumocystis Jiroveci Pneumonia (PCP) Prophylaxis	
Dr. Miller	Reed, Andrew	5/12/2018	Preventative Care and Screening: Screening for High Blood Pressure and Follow-Up Documented	



Appropriate Action Taken



Appropriate Action Not Taken

# Examples of Filterable Reports

**CCO/Payer/Health Plan Name**  
☒ CCO Blue Coordinated Care Organization  
☐ CCO Green Medical Associates

**Enrollment Time with Selected Health Plan**  
Filter to view patients enrolled in CCO, payer, or health plan for:

Days

Months

Years

**Time Not Covered By a CCO**  
Filter to view patients not covered by a CCO for:

Months

Year selected:   
2019  
2018  
2017

**Clinic Location**  
  
Salem, Oregon  
Portland, Oregon  
Eugene, Oregon

**Patient Population**  
**Race/Ethnicity**  
  
White  
Hispanic/Latino  
Black or African American

**Sex/Gender**  
  
Male  
Female

**Age**  
  
80 +  
50-79  
25-49

**Provider**  
  
Dr. Miller  
Dr. Jones  
Dr. Johnson





## Additional Resources

For all questions about our services and/or support issues,  
please contact: <https://velatura.org/contact/>

For more information: <https://velatura.org/>

# QRDA I Technical Assistance

- User guides posted for Epic, NextGen, and Centricity:  
<https://www.oregon.gov/oha/HPA/OHIT/Pages/CQMR-QRDA-I-Technical-Assistance-.aspx>
- User groups in recruitment:  
[https://ohsu.ca1.qualtrics.com/jfe/form/SV\\_bef0g1sXvqStZ5z](https://ohsu.ca1.qualtrics.com/jfe/form/SV_bef0g1sXvqStZ5z)
- Capacity to serve additional clinics with at-the-elbow support

# Next Steps

- Next CQMR SME WG meeting: July 10, 2019
  - Focus on pilot of CCO reporting
- Feedback and suggestions for future meetings:  
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