

*ALIGNING FOR SHARED ACCOUNTABILITY*



## **Data Sharing and Interoperability: Payer-Provider Data Exchange in Successful Shared Accountability Models**

# Welcome



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President  
*CareJourney*

# Panelists



## Greg Robinson

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Officer

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System/Security Health Plan*



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*U.S. Digital Service at  
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Senior Vice President & Chief  
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*Rush System for Health and Rush  
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# Data Sharing & Interoperability: Payer-Provider Data Exchange in Successful Shared Accountability Models

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# The (Personalized) Health Internet Era

## Institutions that support health records on iPhone (beta)

A growing list of healthcare institutions support health records on iPhone, enabling you to view important data such as immunizations, lab results, medications, and vitals directly in the Health app.

We're working with more hospitals and clinics to support health records. Health institutions might have multiple hospitals and clinics that support health records, which are listed in the Health app.

Richard M. Adams, DPM - Family Foot Care (Texas)

<https://www.richardadamsdpm.com>

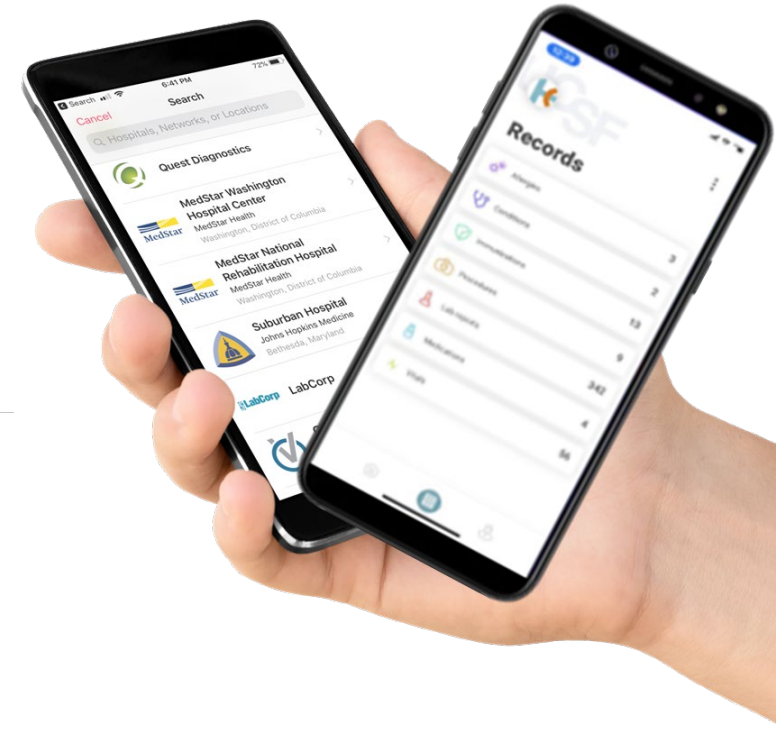
Community Health Systems (nationwide) - including AllianceHealth (OK), Bayfront Health (FL), Commonwealth Health (PA), Lutheran Health Network (IN), Merit Health (MO), Northwest Health (AR), Physicians Regional (FL), Tennova Healthcare (TN)

<http://www.chs.net>

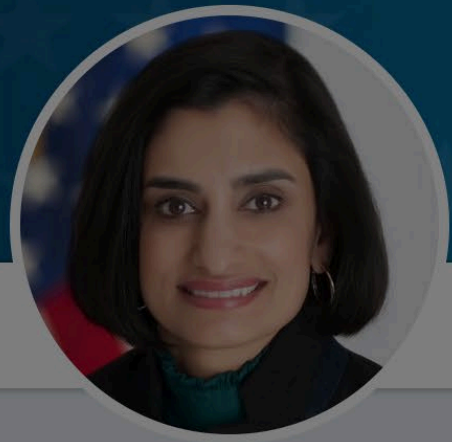
Cone Health (North Carolina)

<https://www.conehealth.com>

Clinically-integrated networks operating on multiple EHRs can aggregate FHIR resource servers for a single API feed for consumer designated apps



# CMS Leads on Payer Adoption and Use



Administrator Seema Verma



@SeemaCMS



Administrator Seema Verma



@SeemaCMS

Follow



If you need help finding a plan that works best for your [#healthcare](#) needs, but don't have a enough time for all the tedious research, don't worry- [@CMSGov](#)'s [#BlueButton](#) 2.0 apps can help. Take a look to see what apps could help you: [medicare.gov/manage-your-he](https://www.medicare.gov/manage-your-he) ...

8:38 AM - 3 May 2019

9 Retweets 11 Likes



3



9



11

on Vaccines  
ant  
on Week

# HL7/ONC Launch “Bulk” FHIR Testing



## The Standard

The Official Blog of Health Level Seven® International

### Leading Healthcare Stakeholders Commit to Real-World Testing of HL7’s FHIR Bulk Data Implementation Guide

Aug 7, 2019 10:38:22 AM / by Charles Jaffe, MD, PhD

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On July 30, as part of the second Blue Button Developers Conference at the White House, a broad coalition of health systems, health plans, and other health IT stakeholders committed to real-world testing of the soon to be published HL7® FHIR® Bulk Data implementation guide (IG).

The announcement was made on stage by HL7 International CEO Dr. Charles Jaffe, later joined by Steven Posnack from [ONC](#) and Dr. Shafiq Rab of Rush University System for Health. More than 20 early adopters who have committed to advance this important use of [HL7 FHIR](#) were identified.

Source: <https://blog.hl7.org/leading-healthcare-stakeholders-commit-to-real-world-testing-of-hl7-fhir-bulk-data-implementation-guide>

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#### Health Systems

Intermountain Healthcare  
Jefferson Health  
Marshfield Clinic Health System  
MUSC & Health Sciences South Carolina  
Mount Sinai Health System (NY)  
MultiCare Health System and Physicians of SW Washington  
OCHIN  
OrthoVirginia  
Rush University System of Health  
Trinity Health  
U.S. Department of Veterans Affairs

#### Health Plans and others

Anthem  
BlueCross BlueShield of North Carolina  
BlueCross BlueShield of South Carolina  
BlueCross BlueShield of Tennessee  
Cambia Health Solutions  
Florida Blue  
Humana  
Manifest MedEx  
Medigold  
Oscar Health  
Security Health Plan  
SMART

# #1) CMS Launches Blue Button Portfolio

## *Blue Button*

- For Medicare beneficiaries
- Single data call

## *Beneficiary Claims Data*

- For Accountable Care Organizations (ACO)
- Bulk data calls



## *Data at the Point of Care*

- For Providers
- Bulk data calls

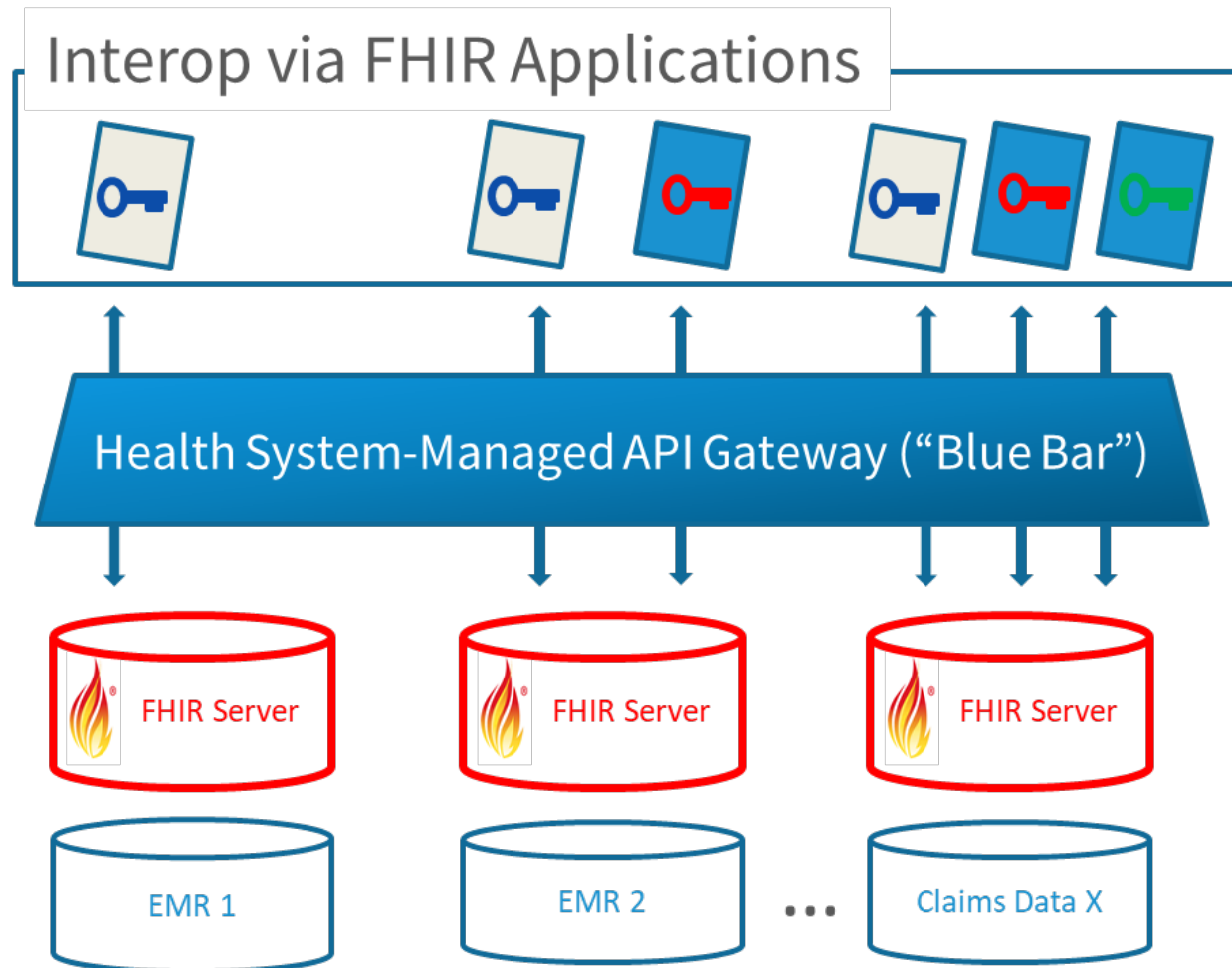


# “Data @ Point of Care” Built on “Bulk”

The screenshot shows a medical dashboard for 'Jane Doe' under the 'Cardiology Associates' organization. The dashboard includes a navigation menu on the left with options like Summary, Encounters, Problem List, Medications, Procedures, Preventative Maintenance, Care Team, Quality Measures, Vaccines, and Family History. The main content area displays a table of encounters with columns for Status, Date, Type of Visit, Provider, Location, Reason, Source, and Request Records. Each row in the table has a 'REQUEST' button. The top navigation bar includes links for Calendar, Patients, Claims, Financials, Reports, Quality, Support, a search bar, and a Log out button.

STATUS	DATE	TYPE OF VISIT	PROVIDER	LOCATION	REASON	SOURCE	REQUEST RECORDS
Received	5/15/19	Office Visit	Dr. Nick Robison, Primary Care Associates	Tampa, FL	Chest pain	↻\$	REQUEST
Received	4/10/19	Emergency Room	Dr. Lauren Smith, Gleason Medical Center	Wesley Chapel, FL	Chest pain	↻\$	REQUEST
Received	1/28/19	Urgent Care Facility	Dr. Arlene Lobo, On Demand Urgent Care	Tampa, FL	Dizziness	↻\$	REQUEST
Received	12/5/18	Urgent Care Facility	Dr. Robert Nickeson, After Hours Urgent Care	Washington, DC	Shortness of breath	↻\$	REQUEST

# #2) “Blue Button” Scales to “Blue Bar”



## Consumer Access for Aggregators

- *Content:* All
- *Population:* One Patient
- *Duration:* Until revoked

## “Bulk” Access for Payers

- *Content:* Negotiated
- *Population:* Negotiated
- *Duration:* Contract term

## “Backend” Access for Networks

- *Content:* Minimum necessary
- *Population:* App specific
- *Duration:* Treatment

# Tackling SDOH via FHIR Apps

## Association Between Community Economic Distress and Receipt of Recommended Services Among Medicare Fee-for-Service Enrollees

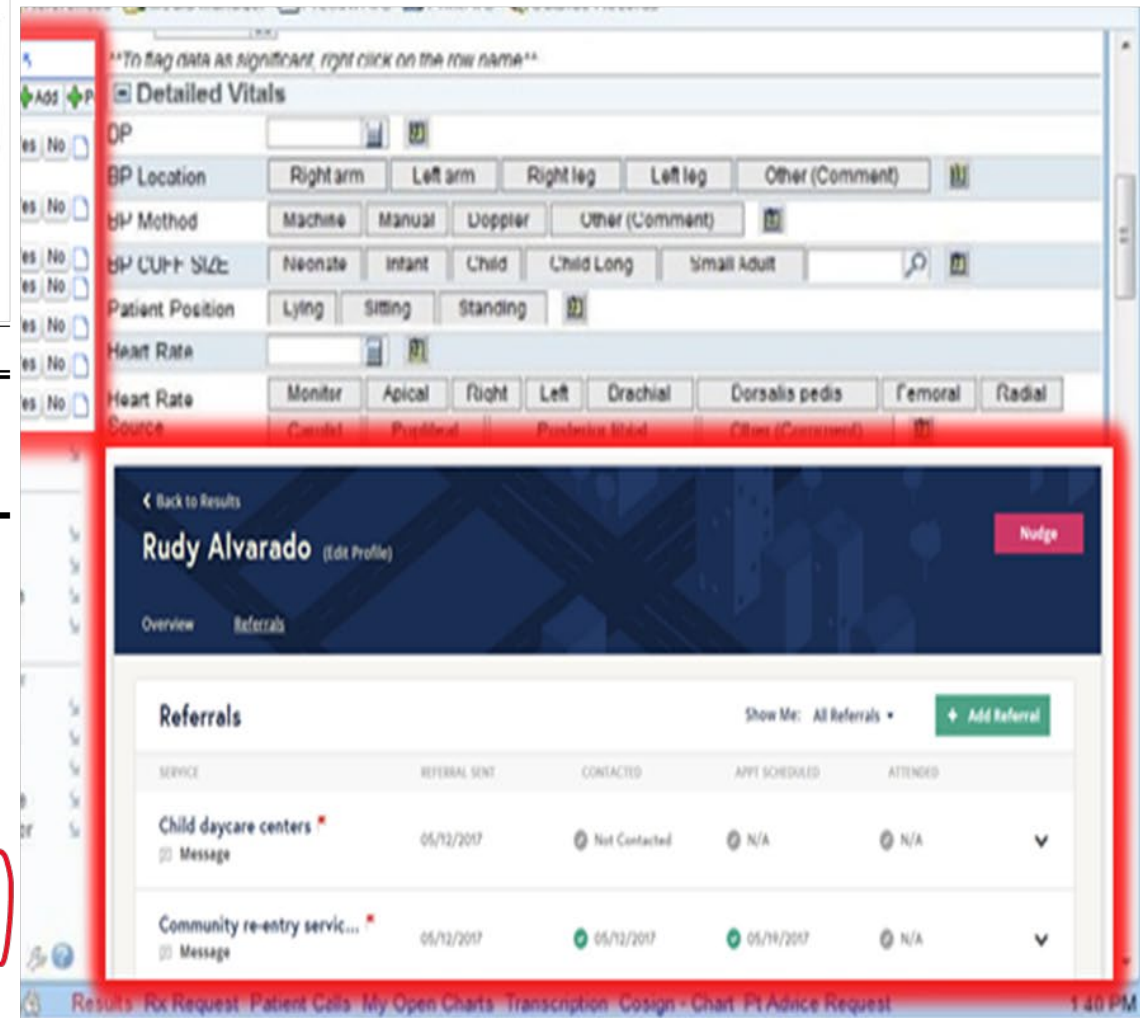
William B. Weeks, MD, PhD, MBA<sup>1,2</sup>, Stacey Y. Cao, MHS<sup>3</sup>, Chris M. Lester, PhD<sup>3</sup>, James N. Weinstein, DO, MS<sup>1,2</sup>, and Nancy E. Morden, MD, MPH<sup>1,2</sup>

<sup>1</sup>Microsoft Corporation, Microsoft Research, Redmond, WA, USA; <sup>2</sup>The Dartmouth Institute, Lebanon, NH, USA; <sup>3</sup>CareJourney, Arlington, VA, USA.



Relationship Between Distressed Community Index Score Quintile, 2017 FFS Medicare Enrollees' Mean Demographics, Rush Market Counties

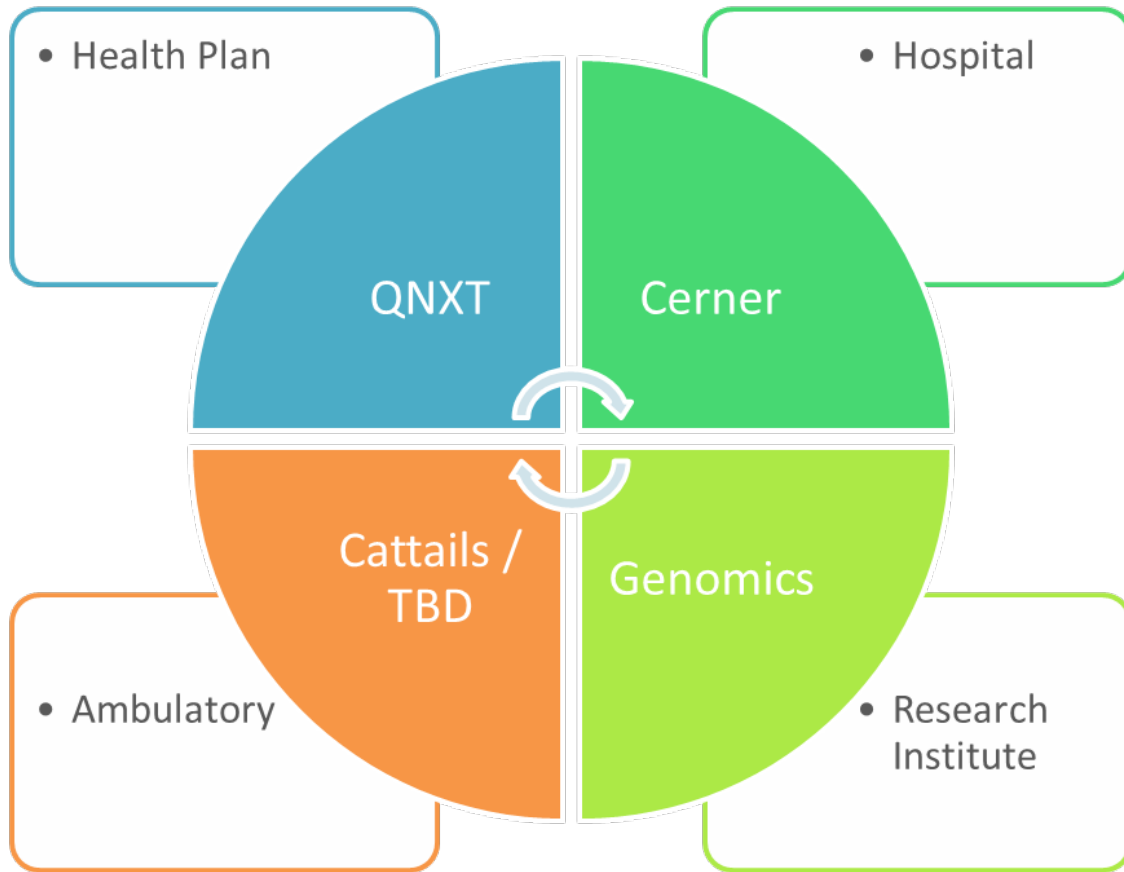
	Distressed Community Index score quintile				
	Least	2	3	4	Most
	1	2	3	4	5
Number of ZIP Codes	101	66	45	35	35
Mean Distressed Community Index score	10.3	29.2	48.3	69.7	92.0
Zip Code-level demographics					
Mean number of FFS Medicare enrollees	2185	1672	2035	1299	2128
Mean HCC risk score	0.86	0.91	0.96	1.00	1.13
Mean per-capita Medicare Part A & B expenditures	\$10,558.97	\$11,200.37	\$12,153.76	\$12,675.63	\$15,841.69
Zip Code-level mean proportion of eligible enrollees receiving recommended care					
Flu shots (%)	54.9%	49.6%	43.1%	37.7%	27.9%
Annual wellness visits (%)	35.0%	28.9%	23.7%	23.5%	18.5%
Transitional care management (%)	11.8%	11.7%	9.2%	9.3%	6.6%
Advanced care planning visits (%)	3.2%	3.5%	3.2%	2.8%	2.0%



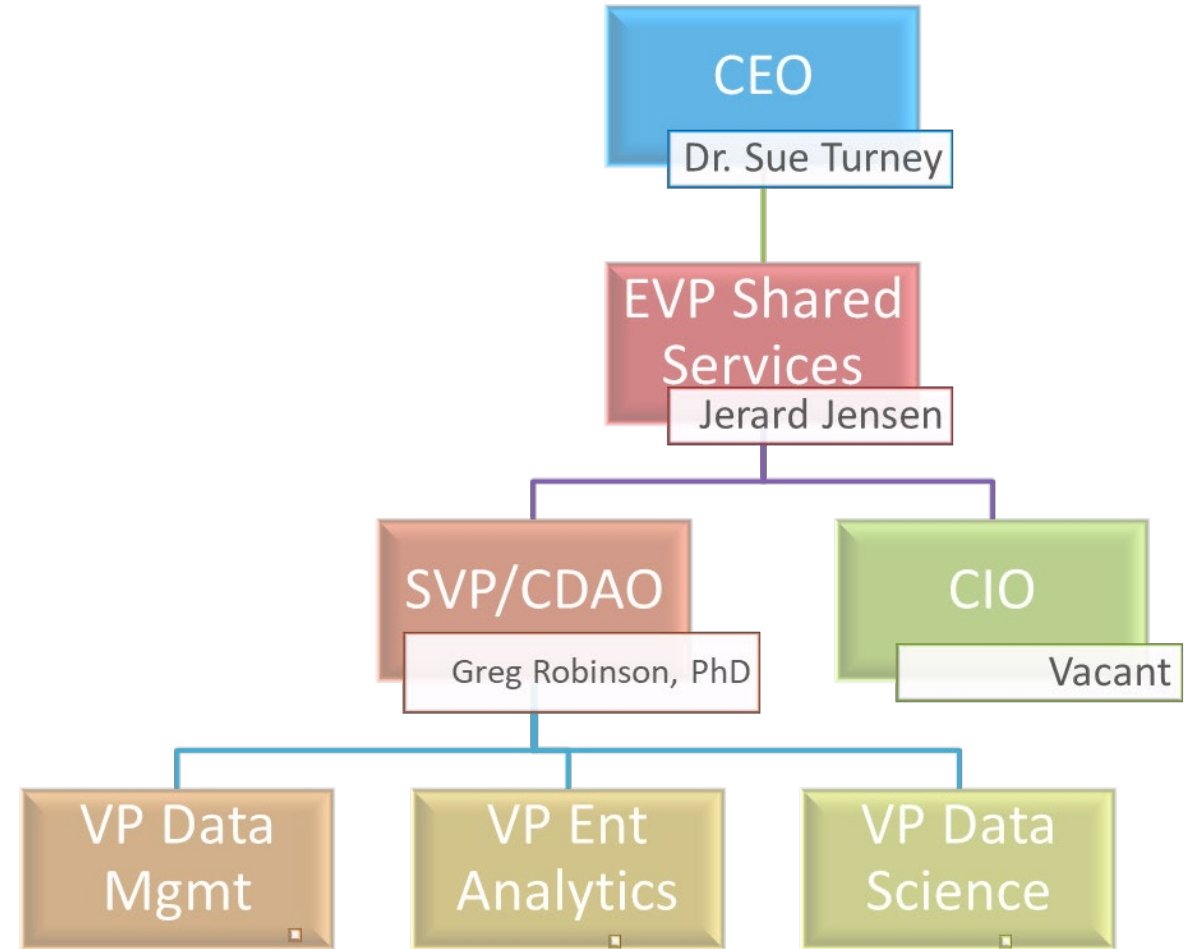
Reference: Weeks, W. B., Cao, S. Y., Lester, C. M., Weinstein, J. N., & Morden, N. E. (2019). Association Between Community Economic Distress and Receipt of Recommended Services Among Medicare Fee-for-Service Enrollees. *Journal of General Internal Medicine*. doi:10.1007/s11606-019-05076-6; Rush UMC

# #3) Leadership & Accountability via “CDOs”

Entities

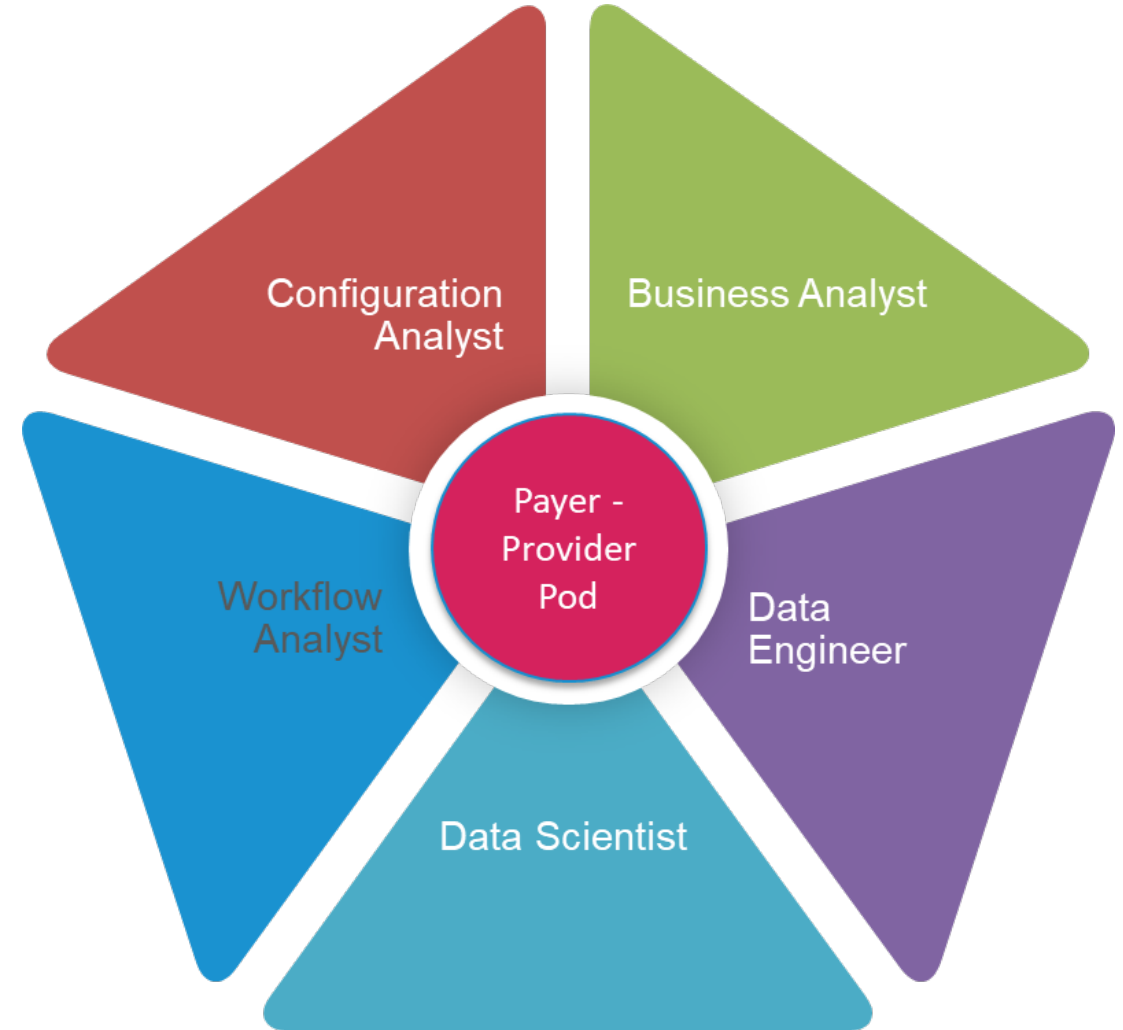


Org Chart



# Organizing “Pods” on Data Alignment

- Teams that are aligned to their natural workflow
- Business-domain focused teams
- Ensures purity in data as they are made interoperable



# Panel: Fielding “Team B” on Interop

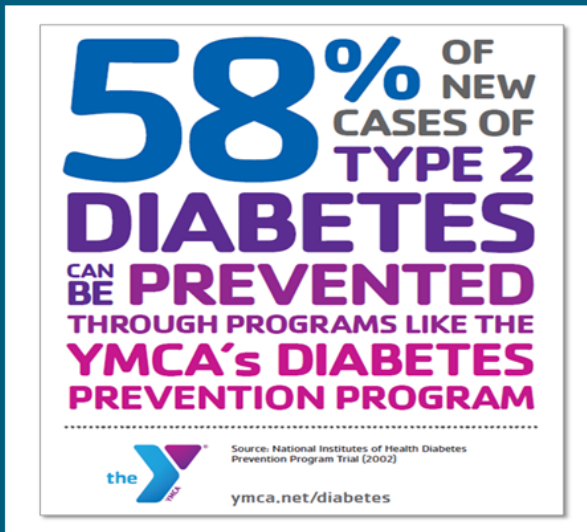
1. “Blue Button” Evolves to “Blue Bar” for Trusted Physician and Network Apps
2. Apps for Provider Directories (No ‘Surprise Billing’)
3. Open Standards for Physician Scheduling
4. Open Standards for Patient Assessments (“My Goals, My Situation”)
5. Open Data for Performance Transparency (TBD)



“The old login system cost \$250M to build...\$70M annually to stay online. The new system cost about \$4M to build, and...less than \$1M to maintain.”

# “All Hands on Deck” on What Works

## Calling All Innovators – Health Care Innovation Challenge Open for Great Ideas



“The evaluation...indicate that beneficiaries...have achieved success with losing weight and reducing the incidence of diabetes.” - CMS Actuary

Code	2018	Q1 2019
G9890	124	15
G9891	220	363
G9873	38	127
G9874	32	73
G9878	28	14
G9879	27	-
G9875	21	219
G9880	-	43
G9876	-	15
G9881	-	21
Patients Treated:	202	396

# Visit the LAN Website for our Resources

<https://hcp-lan.org/>





# Exit Survey

We want to know what you think!

Let us know your thoughts at the end of each session! The Guidebook app provides quick, simple evaluations for your feedback.

[Session Evaluation Survey](#) (or scan QR code)

[LAN Summit Overall Survey](#)



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Learning and Action Network



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**Thank You!**