

# UNLOCKING PAYER INFORMATION TO IMPROVE CARE

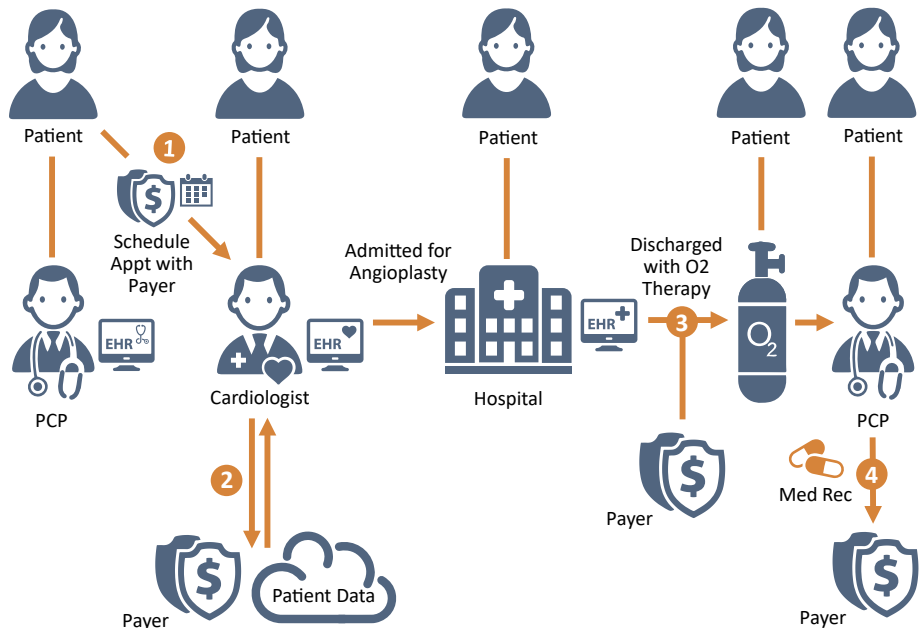
February 2019

## CLINICAL SUMMARY

Da Vinci is demonstrating the ability to exchange information between payers and providers using HL7® FHIR® and CDS Hooks® as part of the Interoperability Showcase.

The vignette describes a clinical encounter for 78-year-old Asian women named Dara that starts with her primary care physician, proceeds to a cardiologist who admits Dara to the hospital for an angiogram and observation where it is determined that her chronic obstructive pulmonary disease has progressed to the point that she needs supplemental oxygen.

As Dara returns to her primary care physician, her previous medications are reconciled with those prescribed at discharge, the PCP reports the medication reconciliation, in support of a quality measure the Medicare Advantage program is following for its members.

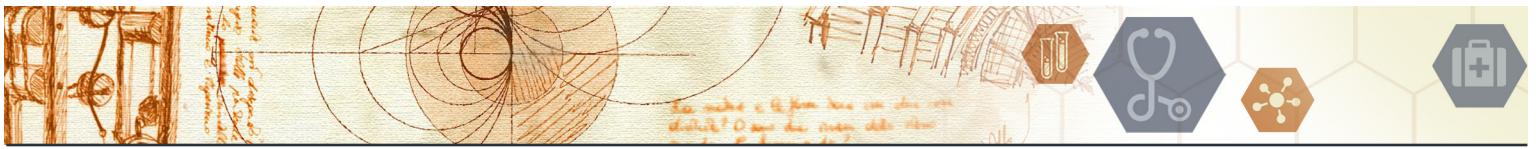


The visual & table describes the interactions demonstrated, direction of each exchange, the FHIR standards used, the setting where the interaction is occurring and the participants.

Depending on the specific presentation of the vignette, each payer and their technology partner (where appropriate) may play the role of:

1. Scheduling an appointment
2. Responding to a request for payer data
3. Responding to a request for coverage information
4. Receiving a medication reconciliation attestation

Interaction	Interaction Description	Exchange	Standards Used	Location	Provider System	Payer
1	Scheduling		(Argonaut Scheduling Profile)	Cardiologist	Cerner EHR	Payer 1
1a	Authenticate and get token	Payer-EHR-Payer	OAuth 2.0 / JWT			
1b	Request Slots (using token)		RESTful GET			
1c	Schedule Appointment (using token)		RESTful PUT			
2	Request Payer Data		Da Vinci: Payer Data Exchange	Hospital (discharge)	Rush (Epic EHR)	Payer 3
2a	Request Payer Data (provide token)	EHR-Payer	CDS Hooks			
2b	Write Data to EHR (using token)	Payer-EHR	Argonaut Profiles			
2c	Send CARD with summary		CDS Hooks			
3	Coverage Requirements for Home O2		Da Vinci: Coverage Requirements Discovery	Primary Care	Reference	Payer 4
3a	CRD request for O2	EHR-Payer	CDS Hooks			
3b	Send CARD with requirements & pricing	Payer-EHR	CDS Hooks			
4	Medication Reconciliation Attestation		Da Vinci: Data Exchange for Quality Measures			
4a	Send Med Reconciliation Attestation	EHR-Payer	RESTful PUT			



## PARTICIPANT SCHEDULE BREAKDOWN

		Scheduling		Exchange Payer Data		Coverage Discovery		Medication Reconciliation	
		Provider/EHR	Payer/HIT	Provider/EHR	Payer/HIT	Provider/EHR	Payer/HIT	Provider/EHR	Payer/HIT
Tuesday 2/12/2019	10:15 AM	Cerner	Guidewell/ Edifacts	Cerner	Humana	Rush/Epic	United Healthcare	Da Vinci RI	Anthem/ CareEvolution
	11:15 AM		Humana		Guidewell/ Edifacts		Cigna		Independence BC
	12:15 PM		BCBS Idaho/ Health Lx		BCBS Alabama/ Zeomega		Independence BC		Humana
	1:15 PM		United Healthcare		Cigna		CMS FFS/Mitre		Guidewell/ Edifacts
	2:15 PM								
	3:15 PM								
	4:15 PM								
5:15 PM									
Wednesday 2/13/2019	10:15 AM	Cerner	Guidewell/ Edifacts	Cerner	Humana	Rush/Epic	United Healthcare	Da Vinci RI	Anthem/ CareEvolution
	11:15 AM		Humana		Guidewell/ Edifacts		Cigna		Independence BC
	12:15 PM		BCBS AL/ Zeomega		BCBS ID/ HealthLX		CMS FFS/Mitre		Humana
	1:15 PM		BCBS ID/ HealthLX		Anthem/Care Evolution		CMS FFS/Mitre		Guidewell/ Edifacts
	2:15 PM								
	3:15 PM								
	4:15 PM								
5:15 PM									
Thursday 2/14/2019	10:15 AM	Cerner	BCBS AL/ Zeomega	Cerner	Humana	Rush/Epic	CMS FFS/Mitre	Da Vinci RI	Guidewell/ Edifacts
	11:15 AM		United Healthcare		Guidewell/ Edifacts		Humana		Independence BC
	12:15 PM		BCBS AL/ Zeomega		BCBS ID/ HealthLX		Cigna		Anthem/ CareEvolution
	1:15 PM								
	2:15 PM								
	3:15 PM								

## THANK YOU TO DA VINCI MEMBERS AND IMPLEMENTERS

To demonstrate the interactions described above, a number of Da Vinci members will play the various roles for the Payer. Unlike a typical situation where a patient will only have one payer, in our vignette, the patient has a different payer for each of the interactions to demonstrate the ability of the Da Vinci member to perform each of the Payer-Provider exchange.

The following Da Vinci members and their partners are participating in the vignette:

### Acting in the role of provider/provider EHR:

- Cerner Corporation EHR
- Rush System for Health / Epic EHR
- Da Vinci Reference Implementation



### Acting in the role of Payer:

- Anthem with their technology partner CareEvolution
- BCBS Alabama with their technology partner ZeOmega
- Cigna
- CMS Medicare Fee for Service working with Mitre Corporation
- GuideWell (Florida Blue) working with their technology partner Edifacts
- Humana
- Idaho BC with their technology partner HealthLX
- Independence BC
- United Healthcare

### Testing Partner:



## GET INVOLVED!

Join Da Vinci to implement existing and emerging Implementation Guides

### HL7 Connectathons:

- May: WG - Montreal (Quebec, Canada)
- June: DevDays - Redmond, WA
- September: Plenary & WG Mtg

Follow our progress:

<https://confluence.hl7.org/display/DVP/Da+Vinci>

- Listserv sign up
- Track Progress
- Join calls to give feedback on inflight use cases
- Use implementation guides and reference implementations