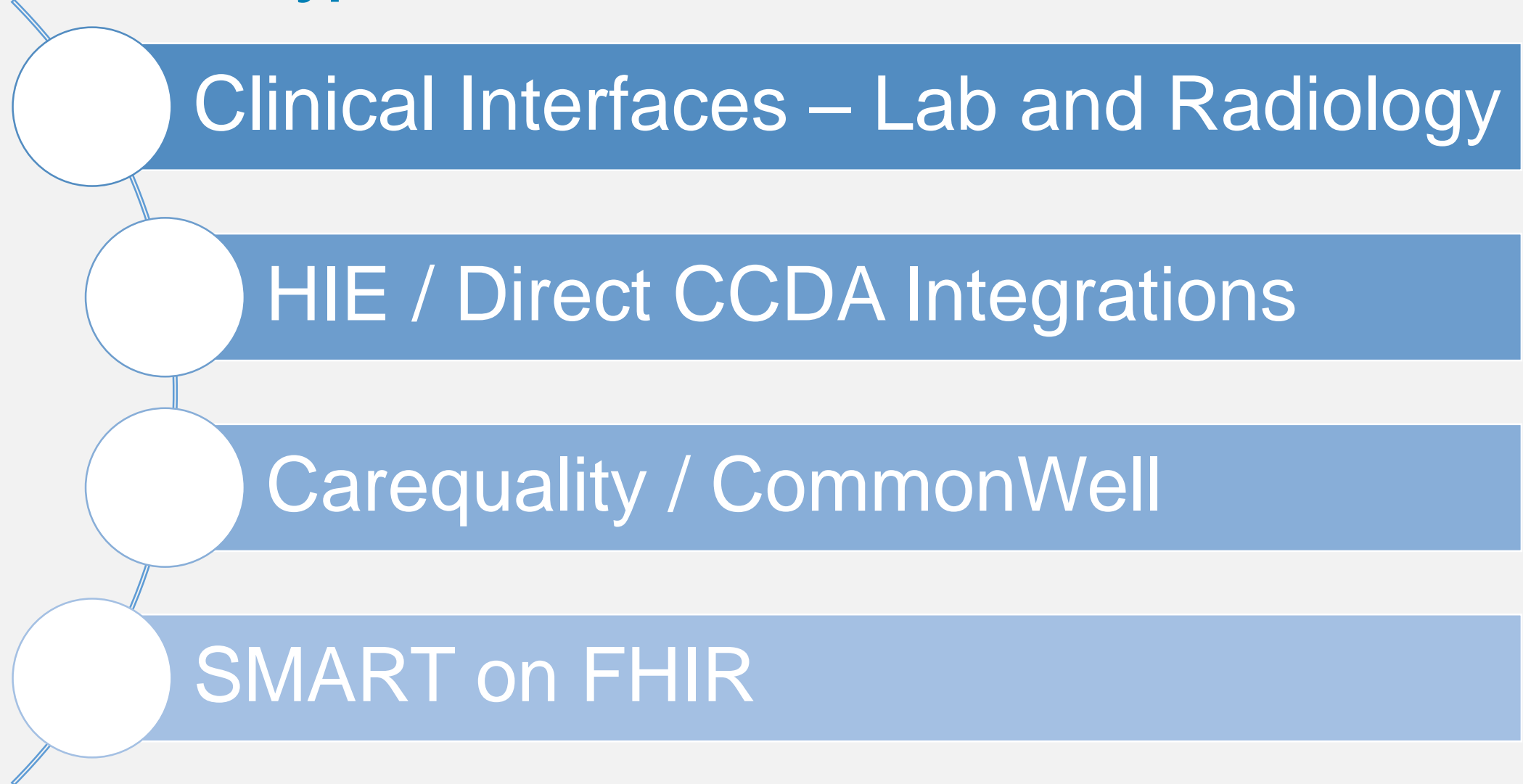


eClinicalWorks Interoperability

Interface Types



Clinical Interfaces

Clinical Interfaces

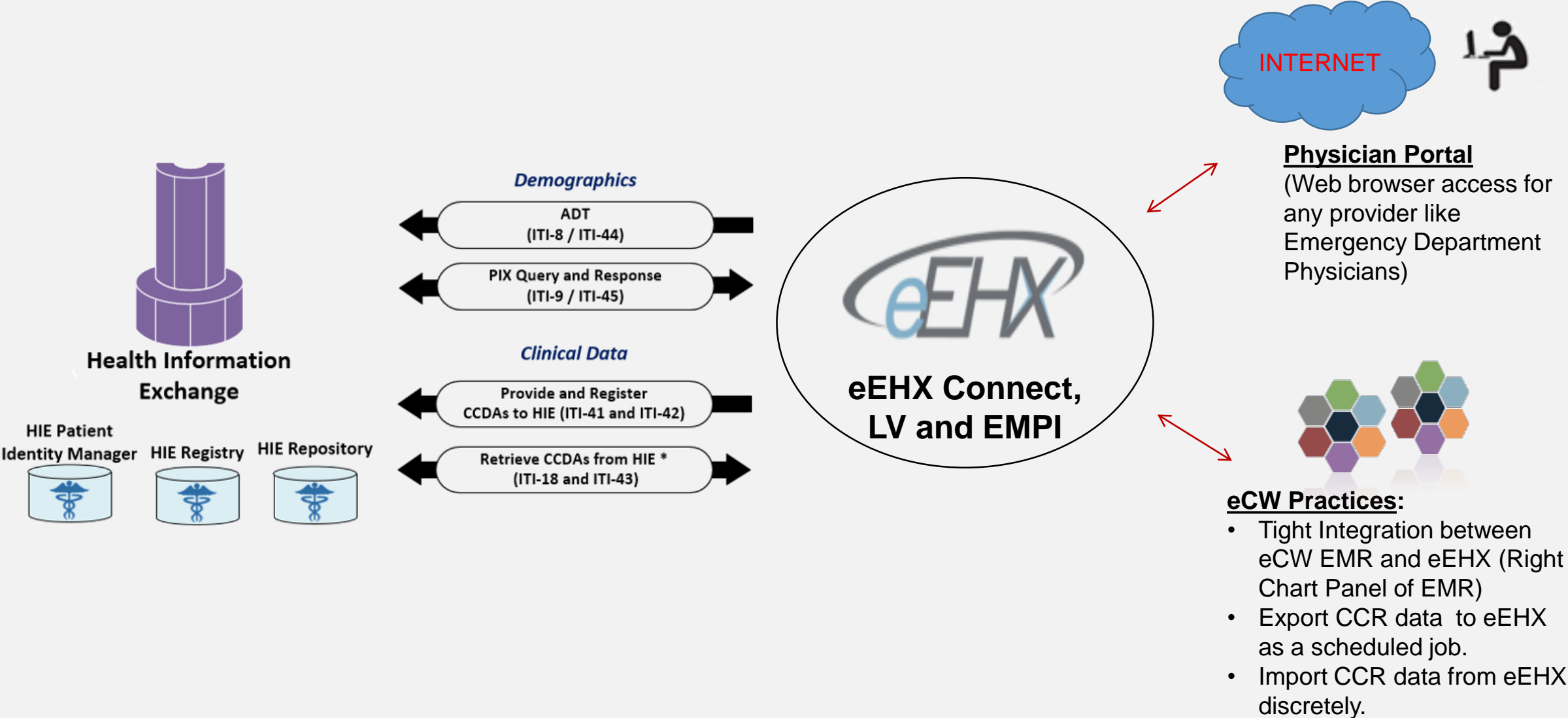
Lab, Radiology, Departmental Reports

- HL7 Orders Outbound
- HL7 Results Inbound
- HL7 Reports Inbound

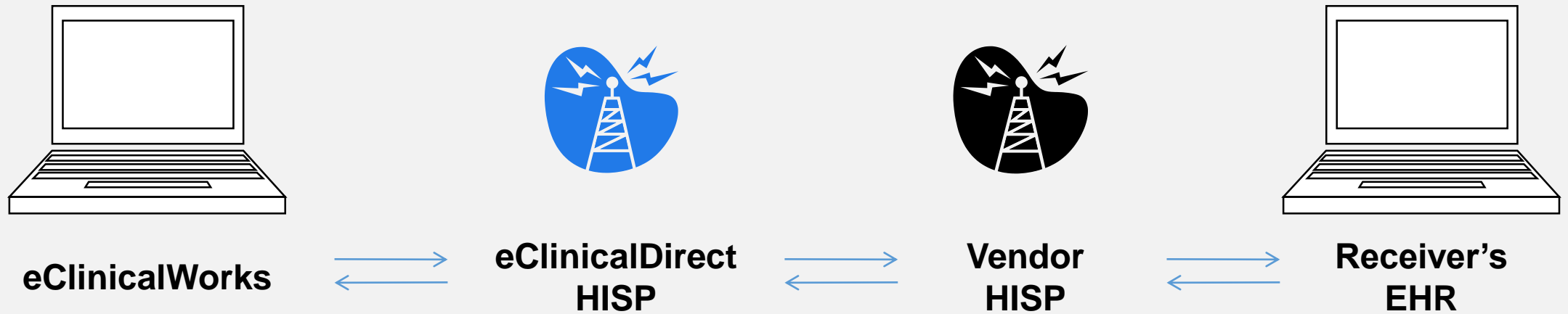
- Hospital Integrations
- Vendor Integrations

HIE / Direct

Health Information Exchange Integrations



Direct Integration



John.Smith @ NMA.eclinicaldirectplus.com

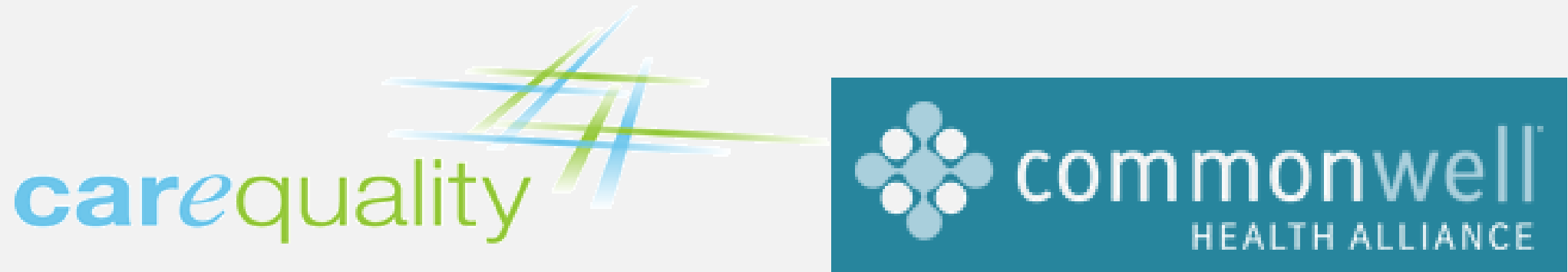
Recipient/Sender Sub-Domain Domain

Integrated into the eClinicalWorks EMR; No separate portals or logins needed

Carequality and CommonWell

Nationwide Interoperability

Two leading nationwide initiatives:

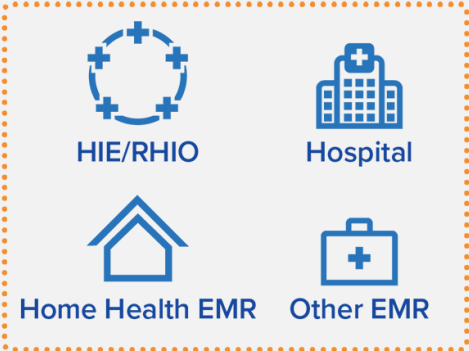


eClinicalWorks is a member of both!

Interoperability Solution



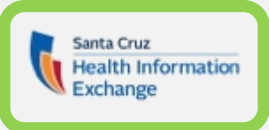
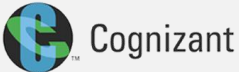
(National Record Locator Services)



CommonWell Members



Carequality Members



eClinicalWorks



What do they do?

On-demand exchange of clinical data

- On-demand – Occurs at check-in, no extra clicks
- Exchange – Bi-directional
- Clinical Data – CCDA

Automated Query

Appointment on Friday, September 29, 2017

Patient* x Name Info

Doe,John | 205-111-2222 | chander.m@eclinicalworks.com

Appointment

Facility* POS Provider*

Date* Claim Provider

Time*

Resource*

Ref. Provider Email

Visit

Visit Type* x

Reason

Visit Status x **Diagnosis**

Pager Status

Billing

Automatic query upon arrival

Overview DRTL History CDSS Ordersets Template **eEHX**

Doe, John, 35Y, M as of 09/29/2017

Problem List SNOMED

[Click here to view Patient external documents](#)

PROBLEM LIST

	10	J45.909	Asthma	
	10	D18.00	Hemangioma	

ALLERGIES

	CAT HAIR EXTRACT	
	CARBAMAZEPINE	
	TETRACYCLINE	

MEDICATION

Active Medication

	LORazepam (ATIVAN) 0.5 MG tablet(Lorazepam 0.5 Mg Po Tabs)	0.5	Oral	
	cetirizine (ZvrTFC) 10 MG tablet(Cetirizine Hcl 10 Mg Po Tabs)	10		

Document notification on the Interactive Clinical Wizard

Clinical Data

The screenshot displays the UpToDate clinical data interface. At the top, there is a navigation bar with tabs for Overview, DRTL, History, CDS, and eHX (circled in red). A search bar labeled 'Quick Search' is also present. Below the navigation bar, there is a link to view patient external documents. The main content area is divided into three sections: PROBLEM LIST, ALLERGIES, and MEDICATION, each with a dropdown arrow (circled in red). The PROBLEM LIST section contains a table of medical conditions with ICD-10 codes and descriptions. The ALLERGIES section lists two entries for ULTRAM (TRAMADOL). The MEDICATION section is currently expanded to show 'Active Medication', which includes a list of drugs with their names, strengths, and dosages.

ICD-10 Code	Description
K80.20	Gallstones
E66.01	Morbid obesity with BMI of 40.0-44.9, adult (*)
E11.9	Diabetes mellitus (*)
Z98.84	Bariatric surgery status
E61.1	Iron deficiency
Z98.84	S/P gastric bypass
64572001	Not on file

Medication Name	Strength	Dosage
gabapentin (NEURONTIN)	300 mg capsule	Gabapentin 300 Mg Po Caps
multivitamin plain (MULTIVITAMIN) TABS	Thera Po Tabs	1 Oral
hydrocodone (HIDROKODON)	10 mg tablet	Hydrocodone 10 Mg Po Tabl

SMART on FHIR

Provider-Centric SMART on FHIR Apps

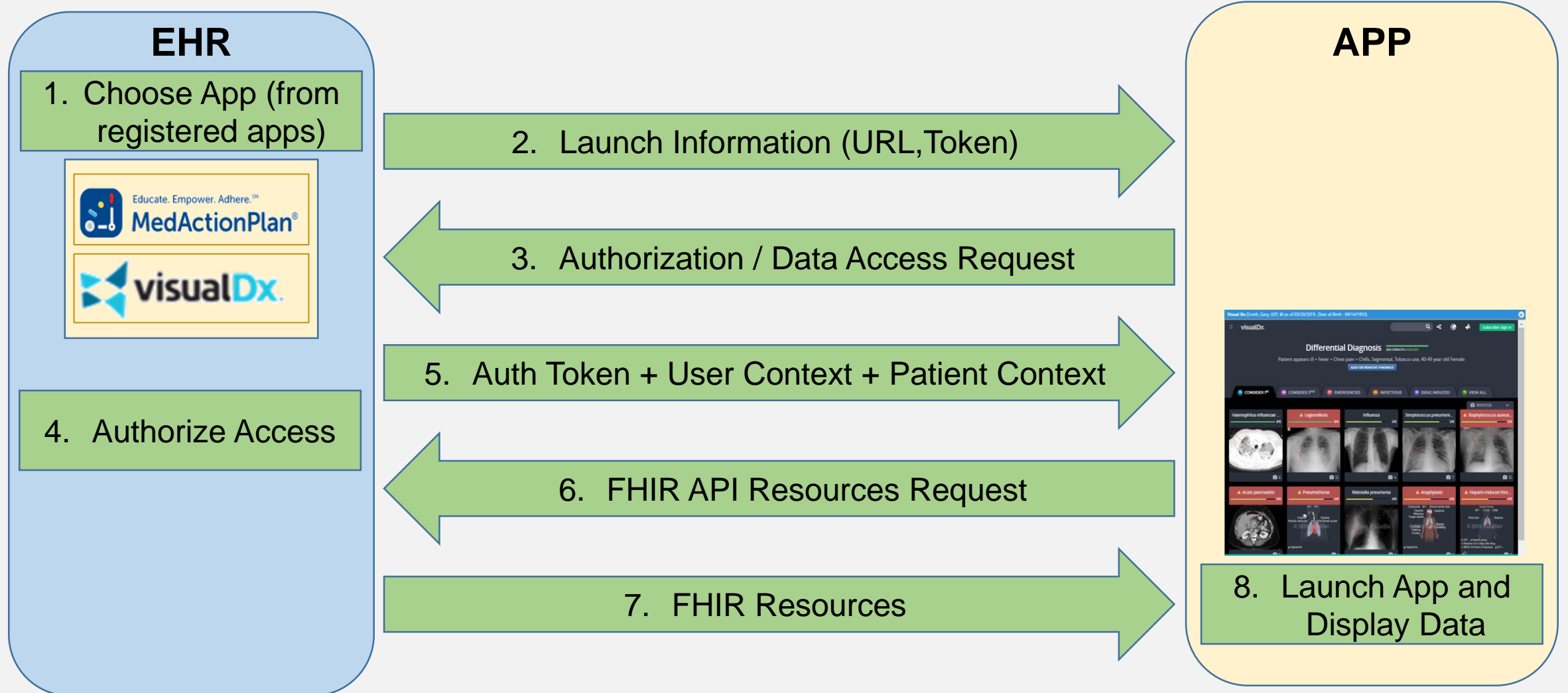


Substitutable **M**edical **A**pplications and **R**eusable **T**echnologies

- Low barriers to entry for app developers – fosters innovation
- Gives the substitutability option to users of an app
- Standardization reduces integration and maintenance times for EMR vendors

Provider-Centric SMART Apps – Technical Workflow

OAuth Based EHR App Launch



Prisma



Anderson, Charles, C, 67 Y, M INFO HUB ASK EVA ? 📞 📧

786 Technology Drive, Carson City, NV89705
04/29/1952 | 508-475-0450 | 508-475-7494
melissa@eclinicalworks.com

Allergies Billing Alerts

Appt(L): 01/04/19 (JM)
Lang: English
Trans: No

Ins: Medicare
Acc Bal: \$ 0.00
Guar: Charles Anderson
Gr Bal: \$ 0.00

NOTES

SECURE NOTES

HEALOW

Medical Summary CDSS Rx Labs DI Procedures Growth Chart Imm T.Inj Encounters Patient Docs Flowsheets Notes Patient External Documents

Progress Note Scribe Orders

Quick Order 🔍 < > ☆ ▼ 📄 👤 CP 📄 👤 < V 01/04/2019 SW Annu...

Patient: Anderson, Charles, C **DOB:** 04/29/1952 **Age:** 66 Y **Sex:** Male
Phone: 508-475-0450 **Primary Insurance:** Medicare **Payer ID:** SMMA0
Address: 786 Technology Drive, Carson City, NV-89705
Account Number: 10806 **Case Label:** **Date Of Injury:** **Encounter Date:** 01/04/2019 **Provider:** Sam Willis TEST
Appointment Facility: Westborough Clinic A
Patient's Default Facility: Westborough Clinic A

Subjective:

Chief Complaint(s):

- Annual Physical

HPI:

Current Medication:

Ocular History:

Medical History:

Travel Plan:

Allergies/Intolerance:

Ocular Surgery:

Surgical History:

Hospitalization:

Family History:

Social History:

ROS:

Objective:

Member Insights UpToDate Quick Search

Overview DRTLA History CDSS Ordersets Templates Dental

ANDERSON, Charles C 📅 Apr 29, 1952 (67 yo M) 🏠 Acc No. 10806

- Global Alerts
- Advance Directive
- Problem List All 🔍 ⋮
Problem List has not been verified
- POTENTIAL CONDITION(S) FOR EVALUATION Logs 📘
- Clinical Inference and Potential Conditions 📘
No records found
- Hierarchical Condition Category 📘
No records found
- Previous Diagnosis(es) 📘
- Allergies 🔍
- Medication Summary ⋮

Group By: Medication -- All --

- Immunizations
- CCM 📄

Send Print Fax Record Lock Details Templates Claim Letters Ink Scan Apps **Prisma 6**

Progress Note last refreshed: 02:28:51 -0700 🔄 📄

Prisma

Prisma

Anderson, Charles C 67, M 📅 04/29/1952
📞 508-475-0450 📍 786 Technology Drive, Carson City, NV-89705 ✉ melissa@eclinicalworks.com 🖨 Yes

Search Documents 🔍

Records | Timeline | Cumulative Summary | Healow Hub

All Records | Record type (All) | Reset

Service Date	Continuity of Care Document	Download
New 📅 10/08/2019		↓
Provider Ryan Townsend D.O. (+1)	Facility Sutter Health Affiliates and Community Connect Practices 10481 Armstrong Avenue, Mather, CA 95655, USA	Admission Date 10/08/2019
		Discharge Date 10/08/2019
		Dx Principal Diagnosis
New 📅 07/22/2019		↓
Provider Ania, Rolando, M.D. (+1)	Facility RENOWN HEALTH 1155 MILL STREET, RENO, NV 895021576	Admission Date 07/22/2019
		Discharge Date 07/25/2019
		Dx Principal Diagnosis Localizationrelated focal epilepsy with complex partial seizures (HCC)
New 📅 04/11/2019		↓
Provider Karp, Matthew Stanley, MD (+1)	Facility Sutter Health Affiliates and Community Connect Practices	Admission Date 04/11/2019
		Discharge Date 04/11/2019
		Dx Principal Diagnosis Petechiae

Total Counts : 8 | Prev | Page 1 of 1 | Next


Sutter Health Affiliates and Community Connect Practices
📍 10481 Armstrong Avenue, Mather, CA 95655, USA
📅 Last visited: 10/08/2019

RENOWN HEALTH
📍 1155 MILL STREET, RENO, NV 895021576
📅 Last visited: 07/22/2019

Stanford Health Care and University Healthcare Alliance
📍 300 Pasteur Drive, Palo Alto, CA 94304, US
📅 Last visited: 04/03/2019

Prisma



 **Anderson, Charles C 67, M** 📅 04/29/1952
📞 508-475-0450 📍 786 Technology Drive, Carson City, NV-89705 ✉ melissa@eclinicalworks.com 🖥 Yes

Records Timeline Cumulative Summary Healow Hub

🚨 PROBLEMS

Seizure Townsend, Ryan N/A	10 R56.9 Onset: 01/11/2019
Lung nodule Townsend, Ryan N/A	10 R91.1 Onset: 04/09/2019
Lung cancer Townsend, Ryan N/A	10 C34.90 Onset: 04/18/2019

A ALLERGIES

TRAMADOL Allergy

BRIVARACETAM Allergy

Rx MEDICATION

pregabalin (LYRICA) 50 mg capsule No Longer Active 04/17/2019
Townsend, Ryan | Carson Tahoe Medical Group Midtown Of
N/A | Carson City NV 89703

📅 IMMUNIZATIONS

08/29/2017
Administered

Sutter Health Affiliates and Community Connect Practices

📍 10481 Armstrong Avenue, Mather, CA 95655, USA
📅 Last visited: 10/08/2019

RENOWN HEALTH

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