OB Medical Home Best Practice Seminar

Presented by WISHIN

October 19, 2021

Presentation Agenda

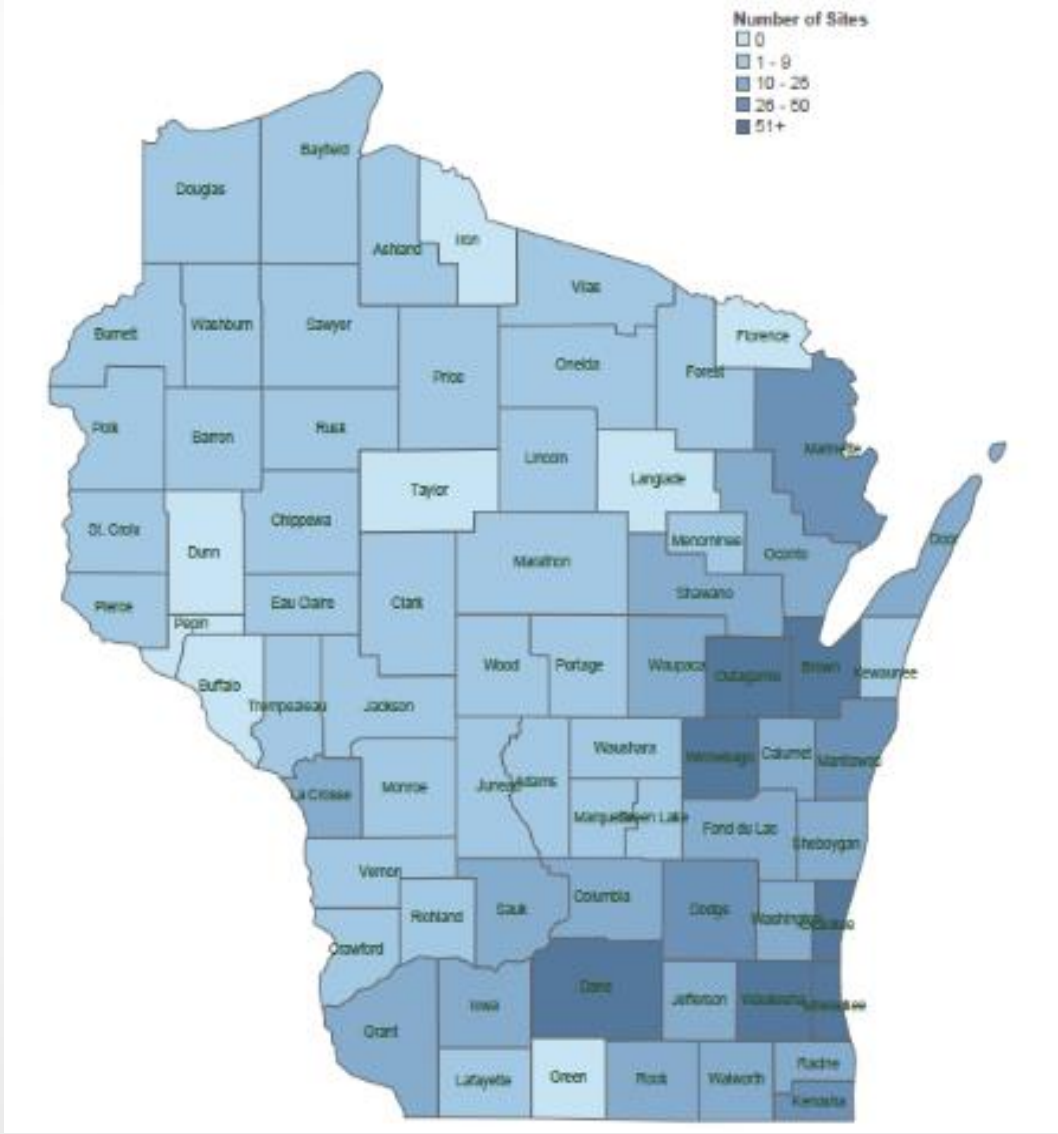
- WISHIN Overview
- Demonstration/Discussion of WISHIN Pulse Community Health Record
- Q & A

WISHIN Overview

- An **independent not-for-profit organization,** founded by WHA, WI Medical Society, WHIO, WCHQ.
- Ubiquitous, **vendor-neutral** electronic health information exchange
- Dedicated to bringing the benefits of **widespread, secure, interoperable health information technology** to patients and caregivers throughout Wisconsin.
- Operating a **statewide health information network** to connect physicians, clinics, hospitals, long-term/post-acute care, pharmacies, clinical laboratories, and payers across Wisconsin.
- State-designated entity for HIE in Wisconsin (2009 Wisconsin Act 274)

WISHIN Participants

- **Health systems, hospitals, and clinics; not limited to:** AdvocateAurora, Ascension, Bellin, Children's, Froedtert, HSHS, ProHealth, SSM, ThedaCare, UW Health, and many others
- **Safety-net clinics:** Bread of Healing, Ignace, Muslim CHC, Northlakes, Outreach, Progressive, Scenic Bluffs, Sixteenth Street, and Vivent Health,
- **Post-acute Participants:** AttentaCare, Champion Care, Hannah Home Health, North Shore, Oakwood, Ovation Communities, Rennes Group, Villa Healthcare, and others
- **Behavioral Health, Mental Health and Correctional Facilities:** Div. Care and Treatment Services (DCTS) facilities, Milwaukee County Behavioral Health Division, and WI Dept. of Corrections facilities, WellPath medical service for county jails: Brown, Dane, Milwaukee, Waukesha, etc.



WISHIN Pulse Dashboard

2,068
Client Sites
Hospitals, Clinics, FQHCs, and post-acute

1,093,534,557
ADT Transactions
Admit, discharge, transfer, diagnosis, allergies, problem lists, and patient demographic data

226,368,302
Lab & Path Results
Laboratory and pathology final results

332,278
EKG Images
Electrocardiogram images

7,309,920
Radiology Reports
Radiology transcribed reports

25,293,079
Care Summaries
Care summaries in the form of CCDA documents

378,739,892
PHSS
Public health syndromic surveillance data submission to the State of Wisconsin in support of Meaningful Use

9,717,912
Transcriptions
Physician and progress notes, H&Ps, post-op, discharge summary, and transcribed reports

Updated: August 2021

MCO and Health Plan Participants

- Anthem
- Community Care Inc.
- Children's Community Health Plan
- Dean Health Plan
- Group Health Cooperative of Eau Claire
- Group Health Cooperative – South Central
- iCare
- Inclusa
- Lakeland Care
- Managed Health Services
- Molina Healthcare
- My Choice WI (Care WI & Trilogy)
- Network Health Plan
- NeuGen
- Quartz Health Insurance
- Security Health Plan
- UnitedHealthcare Services
- WCIC (Aurora & Anthem)

WISHIN Pulse

- **Pulse is a community health record**
  - Real-time data exchange
  - Aggregated summary of patient information from multiple organizations
  - A longitudinal view of patient health information
  - Data not segregated by provider source
  - EHR-vendor agnostic

- **Pulse can include the following data:**
  - ADT (problem list, allergies, diagnoses, etc.)
  - Laboratory & pathology results
  - Care summaries (C-CDAs)
  - Radiology results
  - Transcribed reports
  - EKGs

- WIR integration
- ePDMP integration
- Medicaid prescription fill

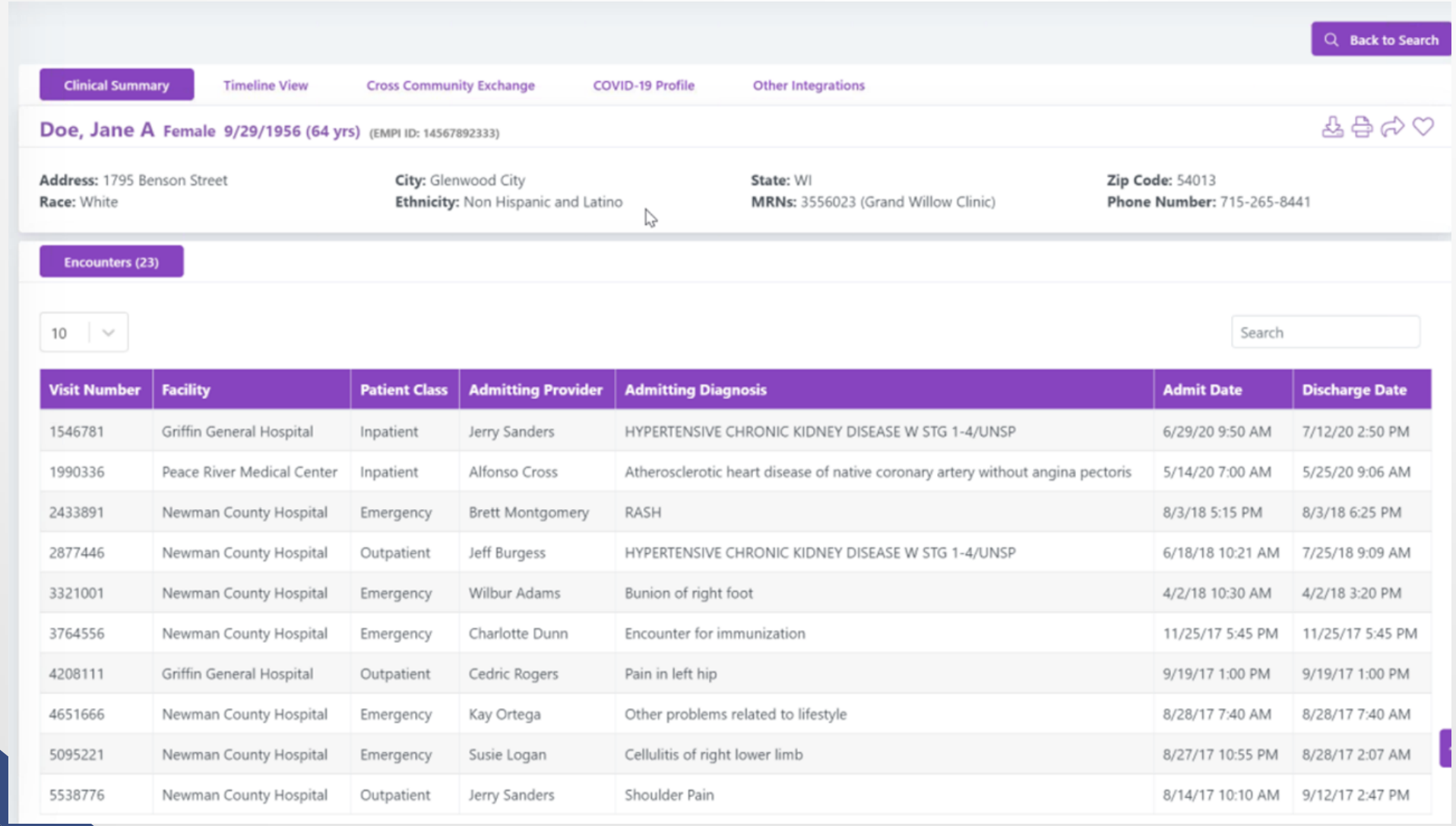
WISHIN 2.0

- Reliable HITRUST CSF infrastructure and systems built in AWS
- Best in class **patient-matching**
- Capable of handling new data sources: SDOH, claims, **unstructured**, etc.
- Comprehensive inbound and outbound capabilities: HL7 v2, CCDA, **FHIR, API, 3rd party applications, flat files,** etc.
- Redesigned WISHIN Pulse CHR with **built-in analytics**
- Parsed inbound CCDAs & creation of a "Super CCDA"
- **New SSO capabilities**
- Support quality initiatives
- Analytics

WISHIN Pulse Demonstration

Patient Summary

- Displays information across all data contributors
- Patient-centric and EHR agnostic
- Configurable to surface the information most relevant to a user



Visit Number	Facility	Patient Class	Admitting Provider	Admitting Diagnosis	Admit Date	Discharge Date
1546781	Griffin General Hospital	Inpatient	Jerry Sanders	HYPERTENSIVE CHRONIC KIDNEY DISEASE W STG 1-4/UNSP	6/29/20 9:50 AM	7/12/20 2:50 PM
1990336	Peace River Medical Center	Inpatient	Alfonso Cross	Atherosclerotic heart disease of native coronary artery without angina pectoris	5/14/20 7:00 AM	5/25/20 9:06 AM
2433891	Newman County Hospital	Emergency	Brett Montgomery	RASH	8/3/18 5:15 PM	8/3/18 6:25 PM
2877446	Newman County Hospital	Outpatient	Jeff Burgess	HYPERTENSIVE CHRONIC KIDNEY DISEASE W STG 1-4/UNSP	6/18/18 10:21 AM	7/25/18 9:09 AM
3321001	Newman County Hospital	Emergency	Wilbur Adams	Bunion of right foot	4/2/18 10:30 AM	4/2/18 3:20 PM
3764556	Newman County Hospital	Emergency	Charlotte Dunn	Encounter for immunization	11/25/17 5:45 PM	11/25/17 5:45 PM
4208111	Griffin General Hospital	Outpatient	Cedric Rogers	Pain in left hip	9/19/17 1:00 PM	9/19/17 1:00 PM
4651666	Newman County Hospital	Emergency	Kay Ortega	Other problems related to lifestyle	8/28/17 7:40 AM	8/28/17 7:40 AM
5095221	Newman County Hospital	Emergency	Susie Logan	Cellulitis of right lower limb	8/27/17 10:55 PM	8/28/17 2:07 AM
5538776	Newman County Hospital	Outpatient	Jerry Sanders	Shoulder Pain	8/14/17 10:10 AM	9/12/17 2:47 PM

Built-in Analytics

“My Patients” list

MY PATIENTS

#	First Name	Last Name	Age	DOB	Phone	City	State	Zip	Last ED Visit	Last IP Visit	Last OP Visit	ED Count	IP Count	CC Count
♥	Jane	Doe	64	09/29/1956	7152658441	Glenwood City	WI	54013	08/02/2018	06/28/2020	06/17/2018	6	2	4
♥	Parsifal	Halso	9	01/12/2010	4025589619	Lincoln	NE	68505	09/29/2018	07/29/2019	11/23/2018	2	4	4
♥	Carroll	Loader	9	01/09/1956	7198794620	Pueblo	CO	81005	07/27/2019	09/29/2018	09/20/2019	1	0	7
♥	Rey	Dominighi	7	05/05/2012	3038195464	Aurora	CO	80044	04/12/2019	07/22/2019	06/06/2019	3	1	8
♥	Raynor	Sehorsch	11	07/14/2008	7192985578	Pueblo	CO	81015	07/11/2019	05/14/2019	09/04/2019	5	4	7
♥	Marchelle	Binden	14	08/05/2005	5153195413	Des Moines	IA	50330	07/11/2019	05/15/2019	09/04/2019	12	6	11
♥	Theodoric	Twiggins	22	03/07/1997	3199267335	Waterloo	IA	50706	07/09/2019	05/16/2019	09/02/2019	4	0	5
♥	Abner	Meadus	13	03/25/1981	9702855217	Grand Junction	CO	81505	07/09/2019	05/17/2019	09/02/2019	3	0	1
♥	Pollyanna	Rhyme	62	09/03/1956	5635946992	Davenport	IA	52804	07/06/2019	05/18/2019	08/30/2019	1	0	5
♥	Barrie	Carnduff	30	06/08/1981	5638172302	Davenport	IA	52809	07/03/2019	05/19/2019	08/27/2019	1	0	8

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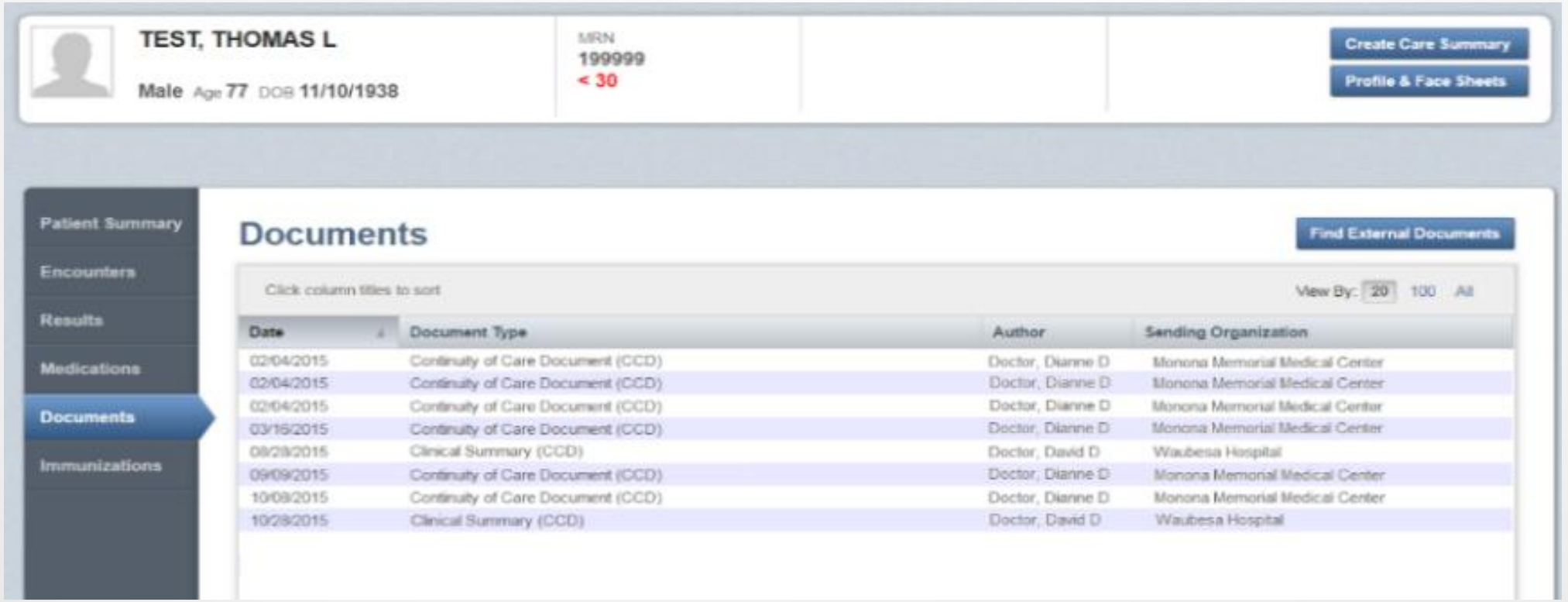
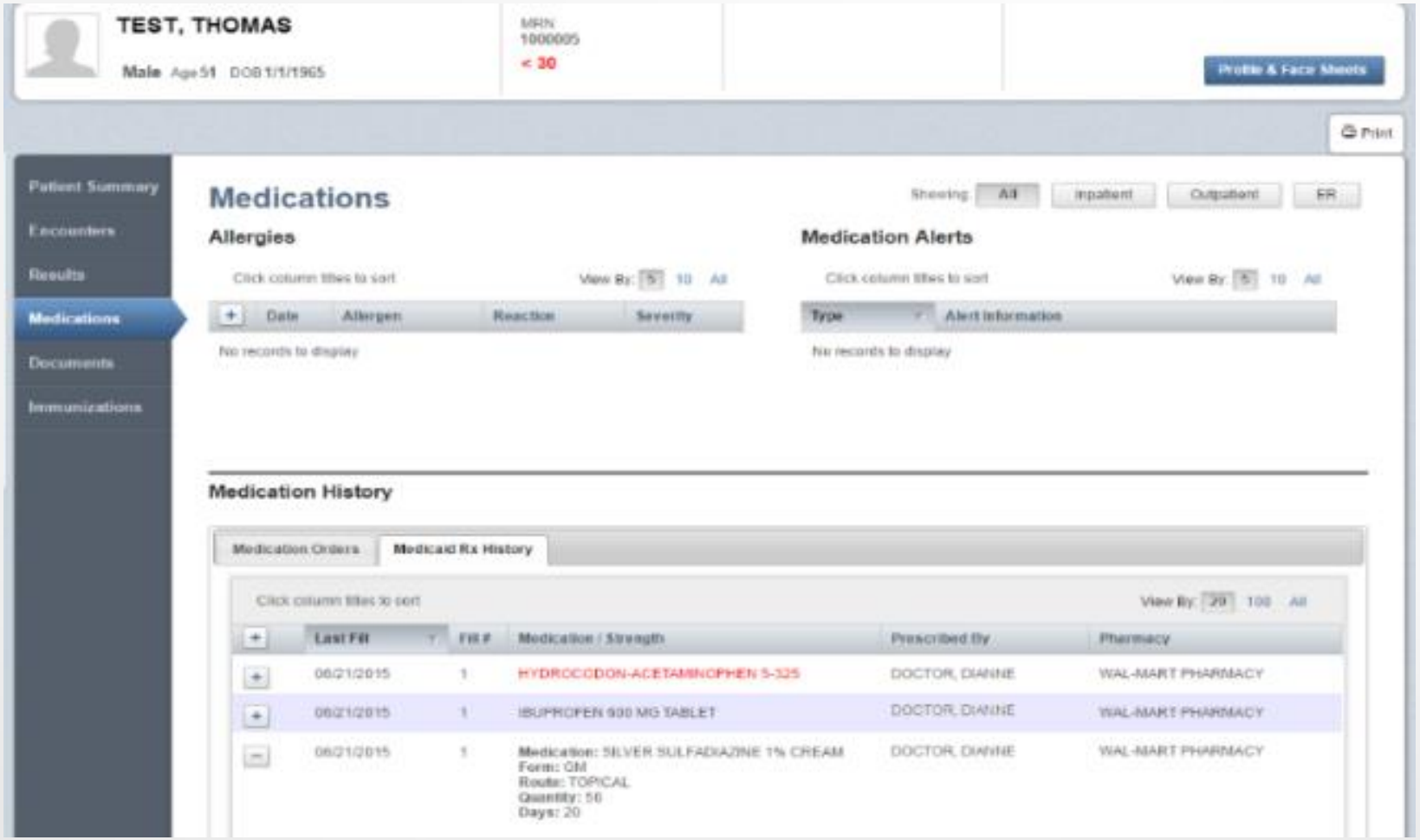
Care Summaries (CCDA)



- Displays a list of care summaries (CCDA) for the patient
- Allows users to obtain documents from eHealth Exchange (a national exchange)
- *Image from legacy WISHIN Pulse system

Medicaid Rx Fill History



- Displays the prescriptions filled/paid for by Medicaid for the patient
- Data from May 2015 to Present
- Refreshed 2x Daily
- *Image from legacy WISHIN Pulse system

Do You Need HIE?

- Imagine the alternative:
  - There's more to know about this patient than is available today; **how do I access that information?**
  - Something just happened with a patient for whom I'm responsible**, is there a way to have this information pushed to me?**
  - I'm not the only one caring for this patient; **who are those people and I can I help coordinate care?**

Q & A / Next Steps

For Further Information

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