




New Federal Requirements for Sharing Electronic Health Information

Informational Hearing
California Assembly Health Committee
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What?



Patient Access and
Interoperability Final Rule



21st Century Cures Act
Final Rule



Joint CMS-ONC **federal regulatory effort** to make it easier for patients, health plans, and providers to

Access

Exchange

Use

electronic health information (EHI) in order to support better care decisions and health outcomes.

Who Enforces?



Who is Impacted?

Health Plans
Providers
States

Health IT Developers

How?

Data Exchange

Require select health care entities to share certain electronic health information.

Data Interoperability

Enable seamless flow of data between organizations and their application systems.

Information Blocking

Prevent practices that restrict authorized access, exchange, and use of electronic health information.

Use Cases

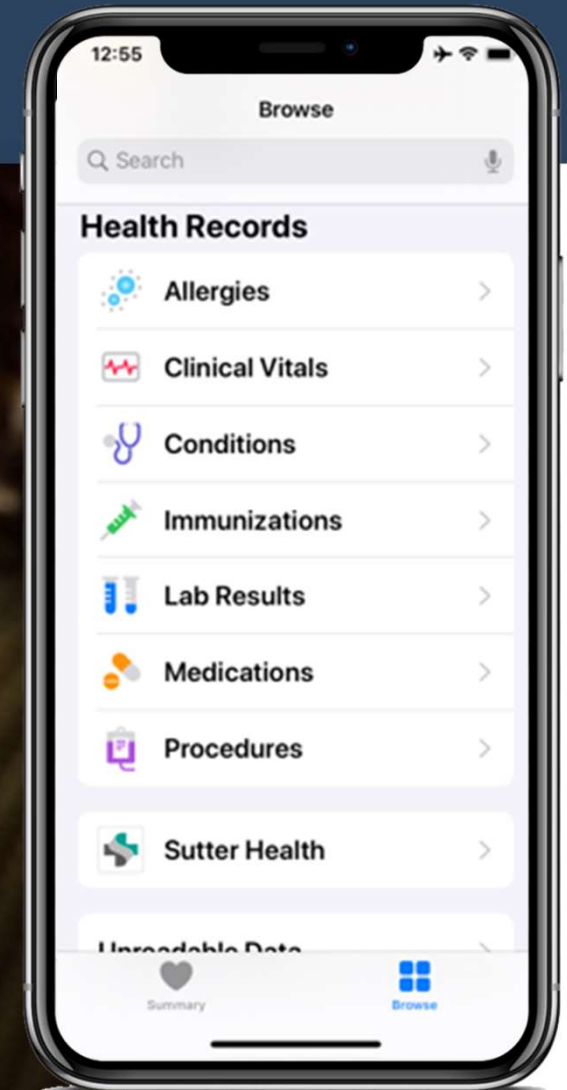
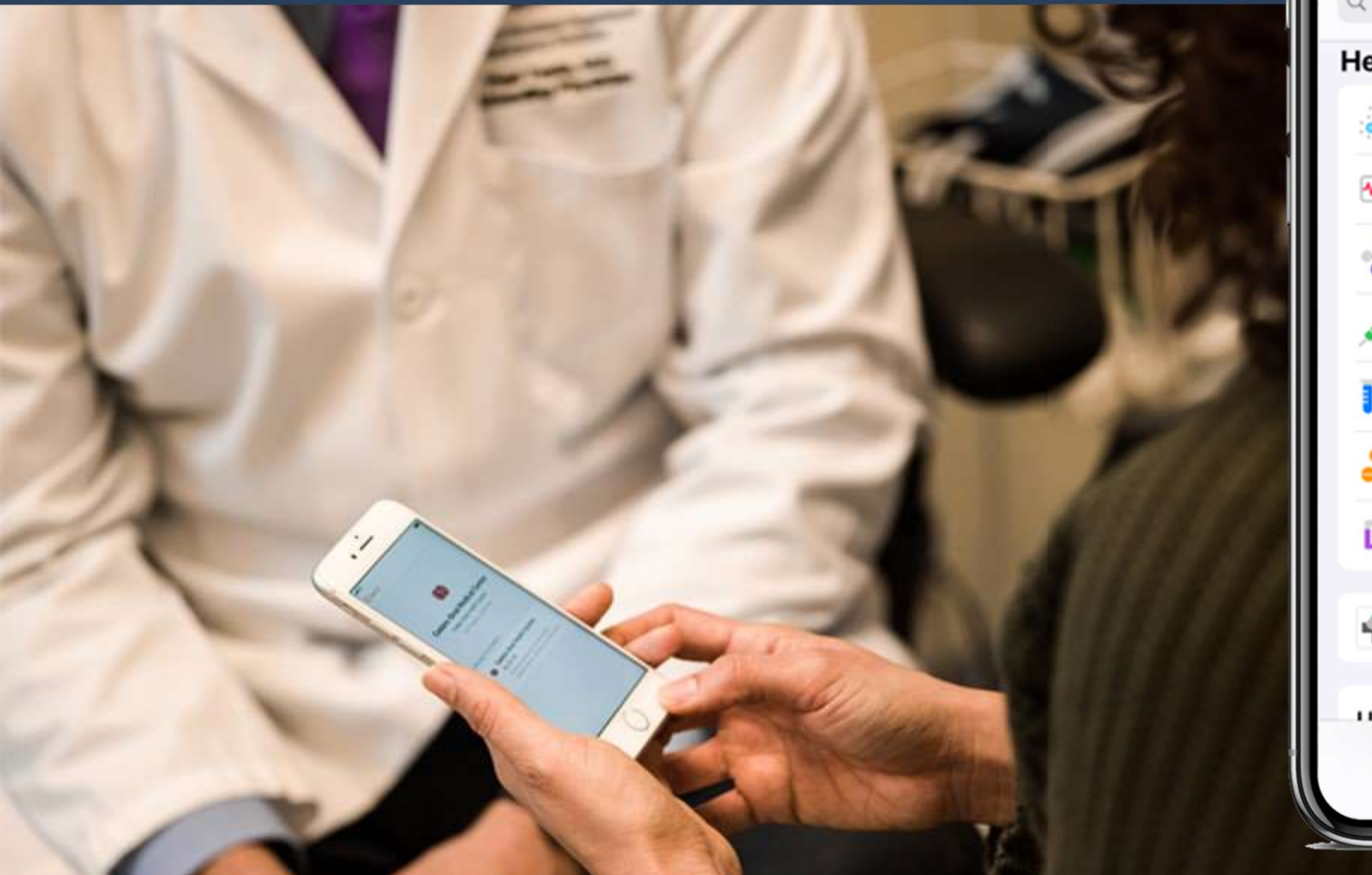
Consumer-directed

Mandate Participation

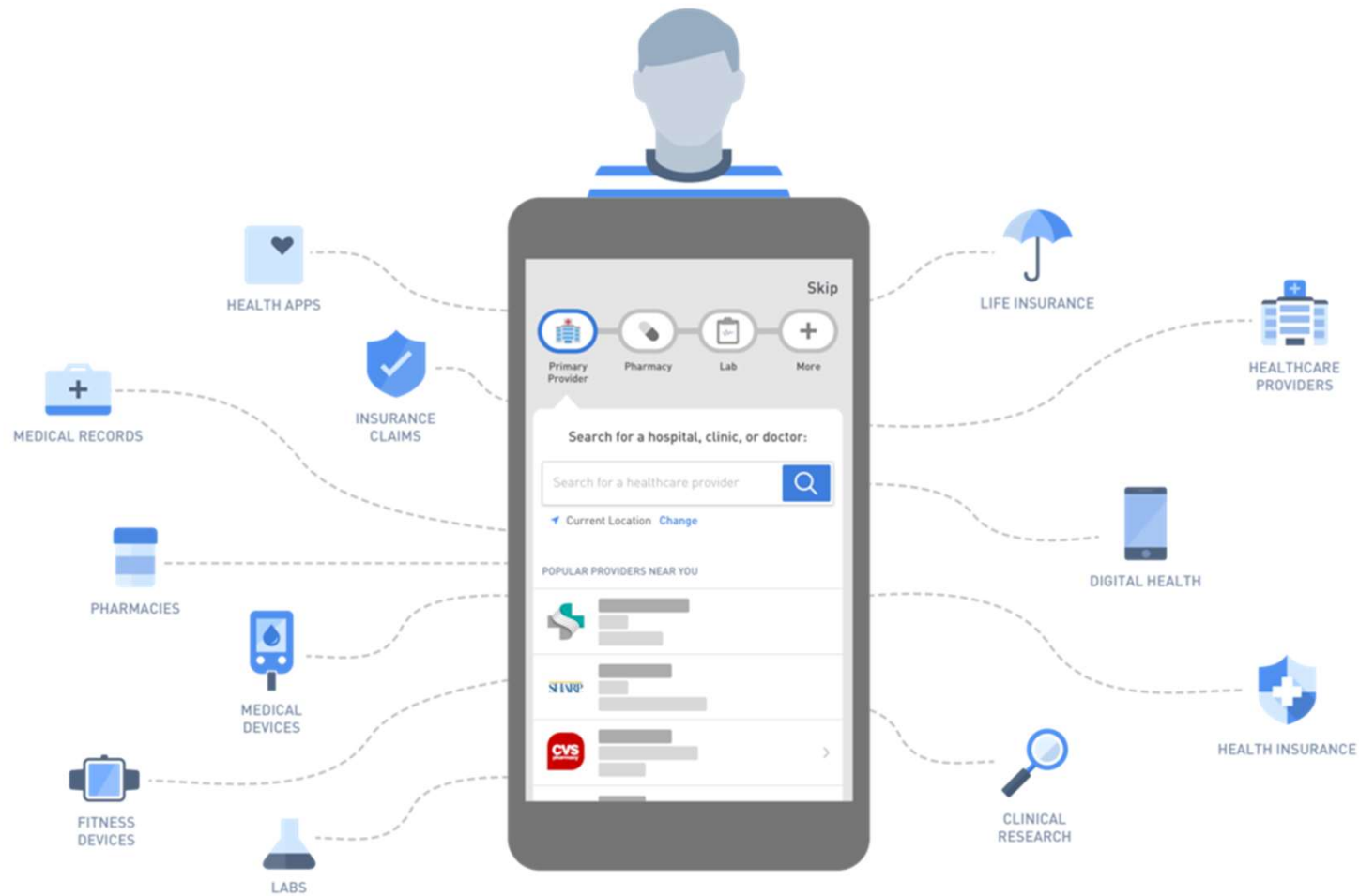
Common Standards

Modern Technologies

Access all **my** health information
... in one place



Consumer-Directed Data Exchange



Use Cases	Data Requirements	Consumer Consent
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1	Patient access to EHI using application program interfaces (APIs)	Claims and Encounters ¹ Clinical Formulary	Yes
2		Physician and Pharmacy Network	No
3	New health plan enrollment (Payer-to-Payer Data Exchange)	USCDI data	Yes
4	Hospital event notification (Provider-to-Provider Data Exchange)	Admission, Discharge and Transfer	No

USCDI = U.S. Core Data Interoperability, a data classification standard that includes 16 data classes and 52 data elements

1. Including encounters with capitated providers, provider payment and enrollee cost-sharing data.



USCDI

US Core Data For Interoperability

The Office of the National Coordinator for
Health Information Technology



Allergies and Intolerances ***NEW**



- Substance (Medication)
- Substance (Drug Class) ***NEW**
- Reaction ***NEW**

Assessment and Plan of Treatment



Care Team Members



Clinical Notes ***NEW**



- Consultation Note
- Discharge Summary Note
- History & Physical
- Imaging Narrative
- Laboratory Report Narrative
- Pathology Report Narrative
- Procedure Note
- Progress Note

Goals



Health Concerns



Immunizations



Laboratory



- Tests
- Values/Results

Medications



Patient Demographics



- First Name
- Last Name
- Previous Name
- Middle Name (incl. middle initial)
- Suffix
- Birth Sex
- Date of Birth
- Race
- Ethnicity
- Preferred Language
- Current Address ***NEW**
- Previous Address ***NEW**
- Phone Number ***NEW**
- Phone Number Type ***NEW**
- Email Address ***NEW**

Problems



Procedures



Provenance ***NEW**



- Author Time Stamp
- Author Organization

Smoking Status



Unique Device Identifier(s) for a Patient's Implantable Device(s)



Vital Signs



- Diastolic Blood Pressure
- Systolic Blood Pressure
- Body Height
- Body Weight
- Heart Rate
- Respiratory Rate
- Body Temperature
- Pulse Oximetry
- Inhaled Oxygen Concentration
- BMI Percentile (2-20 Years) ***NEW**
- Weight-for-length Percentile (Birth - 36 Months) ***NEW**
- Occipital-frontal Head Circumference Percentile (Birth - 36 Months) ***NEW**



For more info:

HealthIT.gov/USCDI

Use of Specific, Transparent Standards and Technologies

Technical Standards

1. Data format and data exchange using modern application program interfaces (APIs)



2. Consumer authentication

OpenID 1.0

3. Authorize access for 3rd-party applications

Oauth 2.0

Content and Vocabulary Standards

4. Data elements contained in the U.S. Core for Data Interoperability, version 1

USCDI

Mandate
Participation

345 Unique CMS Payers Impacted

Medicaid and CHIP

- State fee-for-service
 - Managed care plans (MCOs)
 - Prepaid inpatient health plans (PIHPs)
 - Prepaid ambulatory health plans (PAHPs)
-
- In California, includes county mental health plans, Drug Medi-Cal ODS and dental plans

Medicare

- Medicare Advantage health plans (HMOs, POS and PPOs)
-
- In California, includes Cal Medi-Connect plans

Exchange

- Health plans on the Federally Facilitated Exchange
(exemption available)

When?

Use Cases

Compliance Deadlines

1	Consumer access to EHI using application program interfaces (APIs)	January 1, 2021 July 1, 2021*
2	(Payer-to-Patient)	
3	New health plan enrollment (Payer-to-Payer Data Exchange)	January 1, 2022
4	Hospital event notification (Provider-to-Provider Data Exchange)	November 1, 2020 May 1, 2021

* Compliance deadline for ONC certified EHRs is December 31, 2022.

Key Takeaways

- Big leap forward for empowering consumer engagement and clinical care coordination.
- But these regulations set the floor – not the ceiling, for what is possible. Achieving this level of interoperability can unlock a wide range of use cases that enable even more value-based care.
- California should leverage this solid foundation and federal approach to inform statewide options
 - Use cases
 - Mandate participation
 - Common standards
 - Modern technologies

Questions?

