ONC's Interoperability Rule: Implications for Access and Use of US CORE

Ida Sim, MD, PhD

Professor of Medicine Co-Founder, Open mHealth

Co-Founder, Vivli

August 25, 2020

Interoperability

- The ability of computer systems or software to exchange and make use of information
 - syntactic: format of what is said (grammar)
 - e.g., using an exchange protocol over networks
 - e.g., HL7 FHIR, DICOM, XML,
 - semantic: meaning of what is said (dictionary)
 - e.g., using a controlled vocabulary
 - e.g., SNOMED, ICD-10



ONC Interoperability Standards

• US Office of the National Coordinator for Health IT (ONC)



Requirements under ONC Interoperability Rule



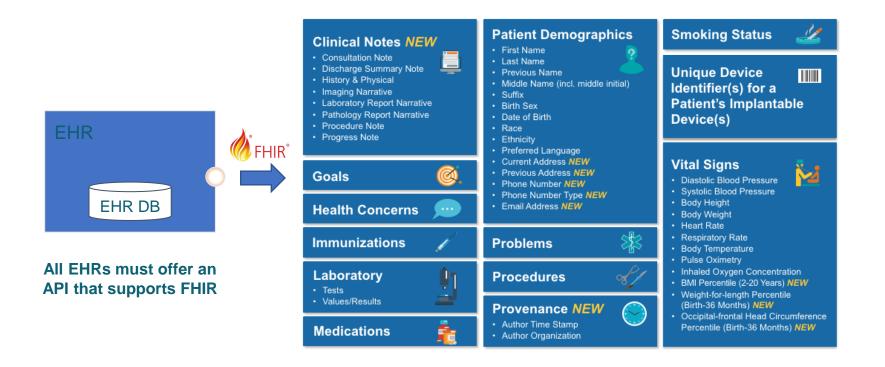
All EHRs must offer an API that supports FHIR Must support USCDI scope



United States Core Data for Interoperability v1

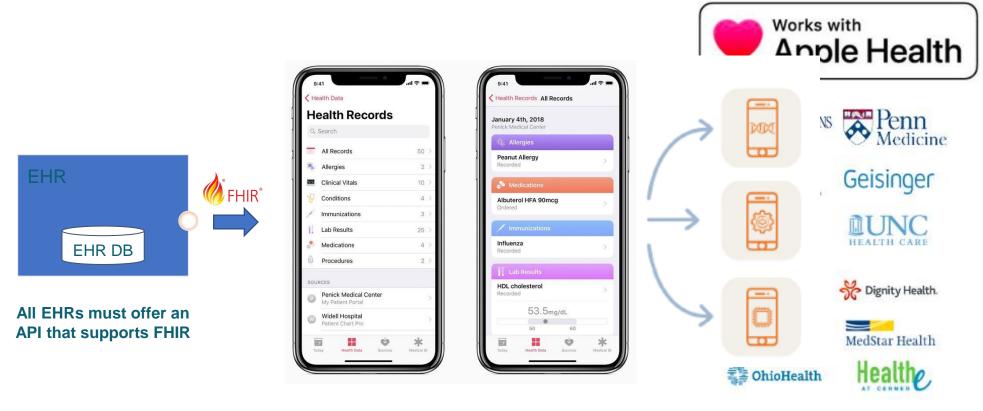


EHRs must make USCDI dataset available via FHIR API



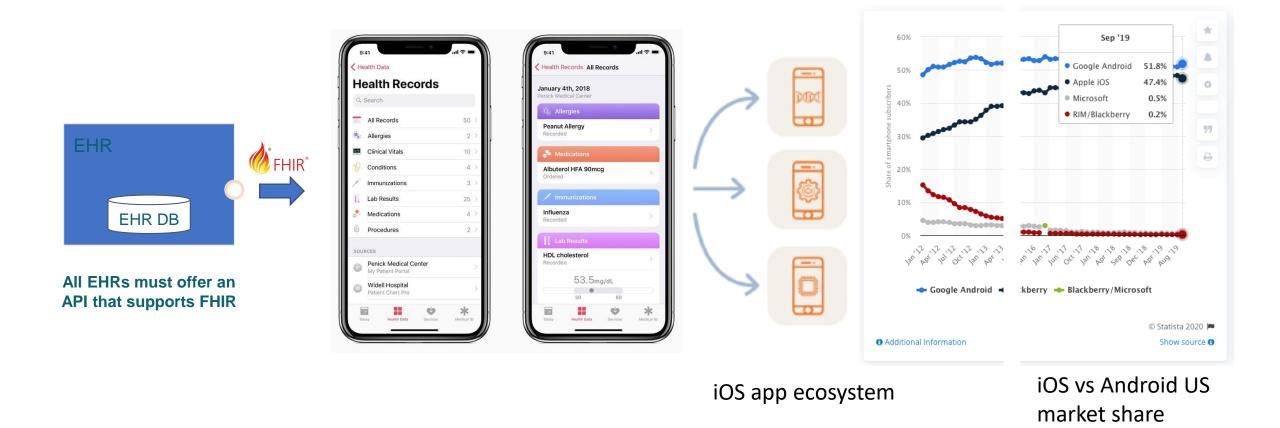
ONC enforcement begins September 30, 2020

2018: Apple Health Records brings USCDI to iPhone



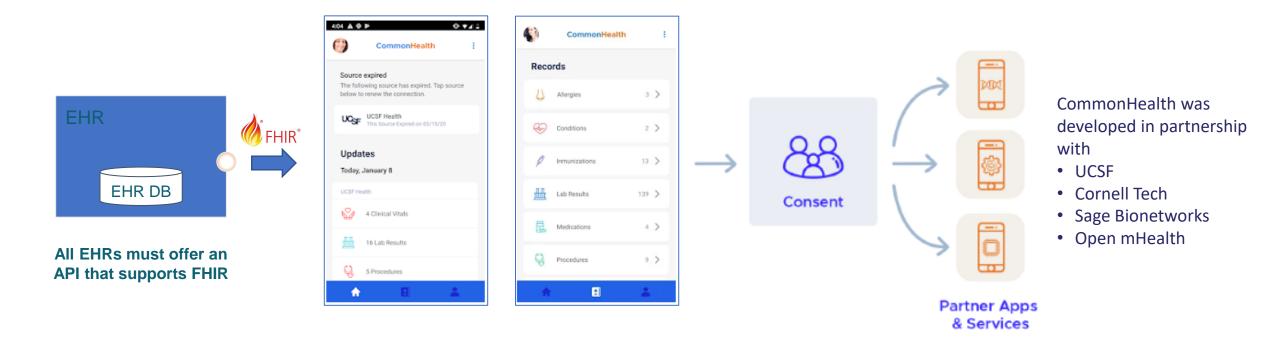
iOS app ecosystem

Android market share: 52% of US, 75% worldwide



2020: CommonHealth brings USCDI to Android

CommonHealth went live April 30 in Google Play store with UCSF as the first health system



https://commonhealth.org





Independent Nonprofit Public Trust

The Commons Project is a 501c3 non-profit public trust, established to build digital services that **put people first.** The Commons Project fills the void between tech companies, government agencies, and traditional non-profits to build and operate the digital services that constitute **public infrastructure** for the digital era.

The Commons Project was established with support from:



Our Principles:

- We serve peoples' interests above all
- People should control their private information
- Our services are not influenced by the interests of any third party
- We operate transparently with partners and people



The spigot is open...iOS and Android apps can now get at USCDI

