

Bridging the Interoperability Gap with a Patient-Centric Approach to FHIR

NCHIMSS 2016

Welcome

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Our Discussion Today

1. Healthcare market shift to being patient-centered
2. Interoperability and FHIR
3. Empowering your patients using mobile interoperability solutions
4. The road ahead

Healthcare Market Shift

Evolution of the Healthcare Market

Patient-Centered Care – 2010 – 2016

Shift to Value-Based Care, ACO's / ARRA.

Patients / Consumers are Overwhelmed.

Consumer Engagement – 2014 – 2020

Population Health, Moving to Value, Consumer Growth.

Patients / Consumers are Engaged.

Science of Prevention – 2018 – 2025

Health and Wellness Focus, Personalized Care.

Patients / Consumers are Empowered.

Source: Oliver Wyman

Interoperability and FHIR

The Interoperability Problem

Data lives in silos and it is everywhere.

There are many states and standards of “Interoperability”.

We put a great deal of the responsibility on Enterprises and Providers to solve this problem.

But, how can they be responsible for connecting ALL the data for ALL patients?



The Patient Solution

What if we involved the patient and put them at the center of data exchange?

We empower them to connect their Interoperability dots.

The patient becomes the “linchpin” for their Interoperability – leveraging existing infrastructure.



Standards with FHIR



Fast Healthcare Interoperability Resources by HL7.
REST based API's for exchanging Electronic Health Records.
Moving from Document-centric to Discrete Data exchange.
Usable standalone or in partnership with existing standards –
i.e.: HL7 V2, HL7 V3, and CDA.
Patient data must be “available, discoverable and understandable”.

Unlocking Patient Data

Available

Leverage the patient as both the key to unlock the data and as the conduit to move it – via a mobile app and the web.

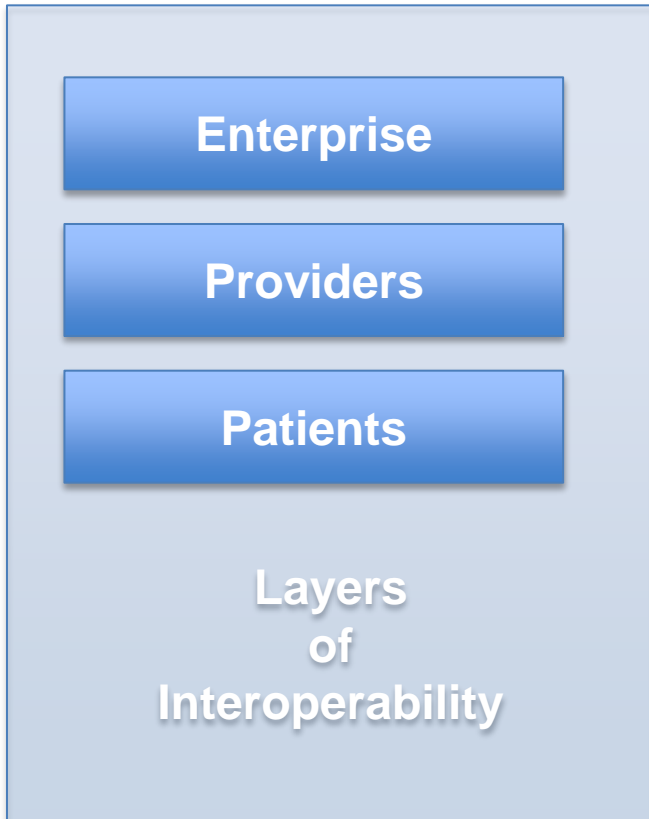
Discoverable

Index which organizations have electronic medical records and make them available through a directory.

Understandable

Retrieve the patient data shared from each EMR into a common data structure – backed by FHIR.

A Plan for Interoperability



Patient's Are Active and Using

1k+ Weekly
Sign Ups

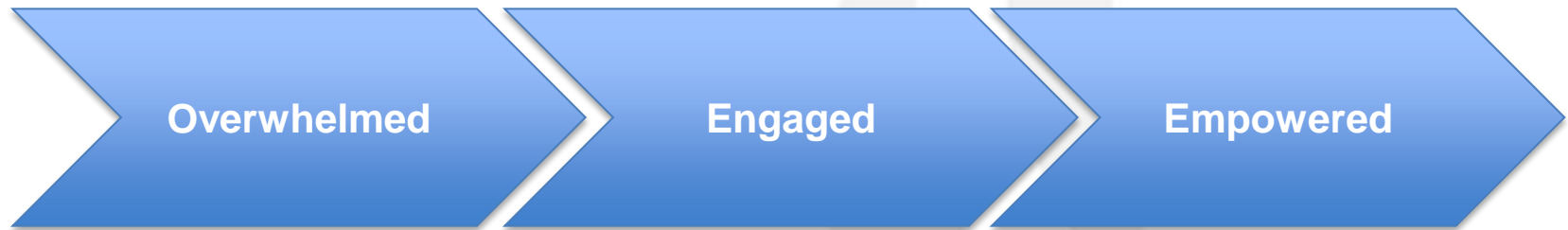
30+ EMR's

5000+
Organizations



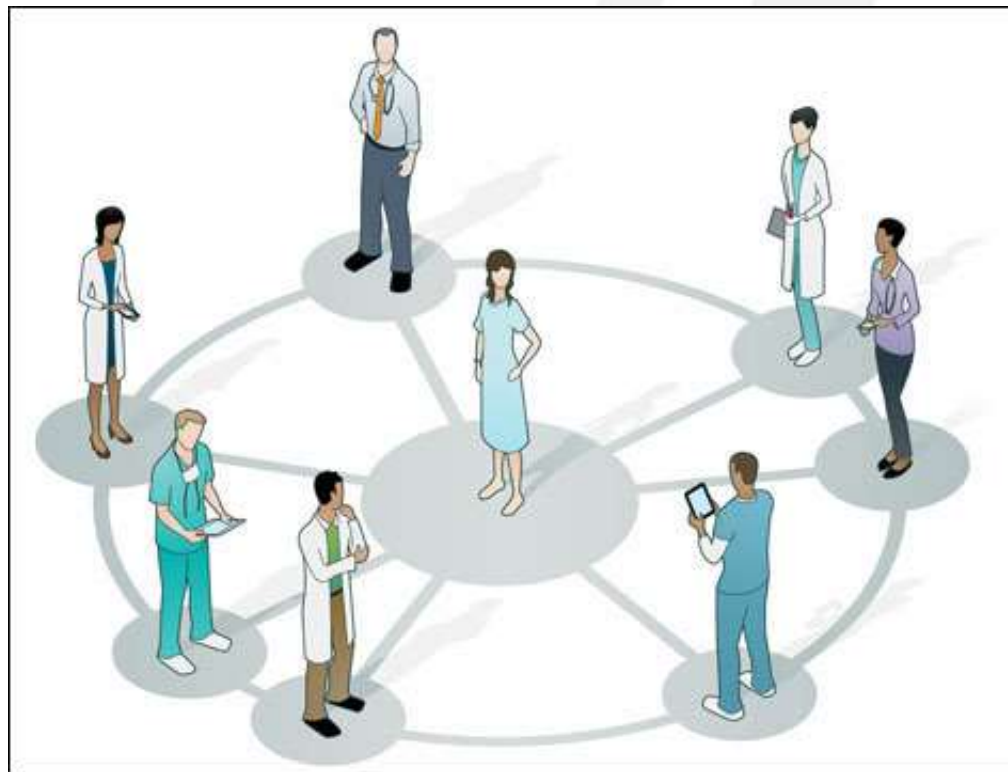
Empowering Your Patients

Patient Perspectives



The Empowered Patient

A new collaborative between patients and providers.



Patient Engagement



The Road Ahead

Implications

Removing the Interoperability roadblock.

Accelerating the Interoperability roadmap.

Applications of Interoperability.

Addressing Engagement individually and at scale.



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Thanks

Q&A

Websites:

<http://www.medfusion.com>

<http://www.medfusionplus.com>

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