



IHMI Overview

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Integrated Health Model Initiative

America spends over **3 trillion dollars a year** on health care and generates more health care data than ever before.

Yet, some of the most meaningful data is still **inaccessible** and **incomplete**.

Vision and Focus

- Move medicine forward by enabling meaningful information exchange.
- Offer a framework for a community of contributors to deliver value and advance information portability within healthcare
- Marshal the AMA's clinical expertise and resources to ensure quality and fitness on several scales including semantic interoperability and clinical impact, inclusive of state, functional and social determinants of health

Focus on Data Portability

- To Solve Healthcare Interoperability Two Fundamental Challenges Exist
- Data Liquidity
 - The unlocking of data from its walled silos – either by moving physically or remote access
 - First order problem being addressed by the majority of the interoperability efforts past and present
 - Does not ensure consistent meaning, the ability to aggregate, compare and fuel analytics need to better understand population health and manage risk
- Data Portability
 - Becomes first order problem once liquidity is established
 - Ensures data can be interpreted, aggregated and leveraged for routine care, population health management and risk management. Inherent to this definition is the appropriateness of the content to specific use cases.
 - IHMI is essential for the right data to be delivered to the right provider to support them in making the right decision

Address High Demand with High Impact

- Emerging Tsunami of Health Related Data is a Growing Problem
 - Massive volume of newly generated health data forthcoming via the IoT explosion
 - Need to normalize, aggregate and join specific data elements to manage population health
 - This data is highly liquid, yet not highly portable – a need for leadership in this space
- Prioritize Disease States and Determinants that can Drive Triple AIM
 - IHMI will initially focus on data generated by remote devices in clinically important areas, as well as determinants that drive population health management
 - Hypertension and blood pressure management
 - Prediabetes prevention/Diabetes management
 - Social Determinants, Functional Status and Patient Goals

A close-up photograph of a stethoscope and a pair of glasses resting on a desk. The stethoscope is in the foreground, and the glasses are to its right. The text 'AMA Leadership Role' is overlaid in white on the stethoscope. The entire image has a blue tint.

AMA Leadership Role

Why the AMA?

- AMA can convene medicine and technology around **market-driven solutions** that are **meaningful to clinical practice**
- AMA represents the **interests of patients and physicians** across the house of medicine
- AMA serves as an **honest broker**, important for sustainability of an **interoperability solution**
- AMA has a proven **track record** as an organization with stamina and sustainable leadership



Create an Environment for Success

- To ensure success the AMA will provide several critical factors needed to drive data portability across healthcare
 - Convene and collaborate to establish an impartial and highly educated view of the data portability issues and impactful use cases that can drive better outcomes and value
 - A framework that can be leveraged by all content and standards developers to enable impactful use cases with inherent agreement on utility as well as standards of quality and consistency
 - Reduced friction and time to value for vendors and institutions that consume the IHMI content modules via a plug and play architecture with AMA provided validation and test environments
 - A joint content licensing model that offers all contributing content providers a path to sustainability, broad industry utilization and acceptance

Integrated Health Model Initiative (IHMI)

This business unit is comprised of:



Market Driven Collaboration

Engage with industry stakeholders to determine where IHMI can offer unique value

Our current collaborating organizations

