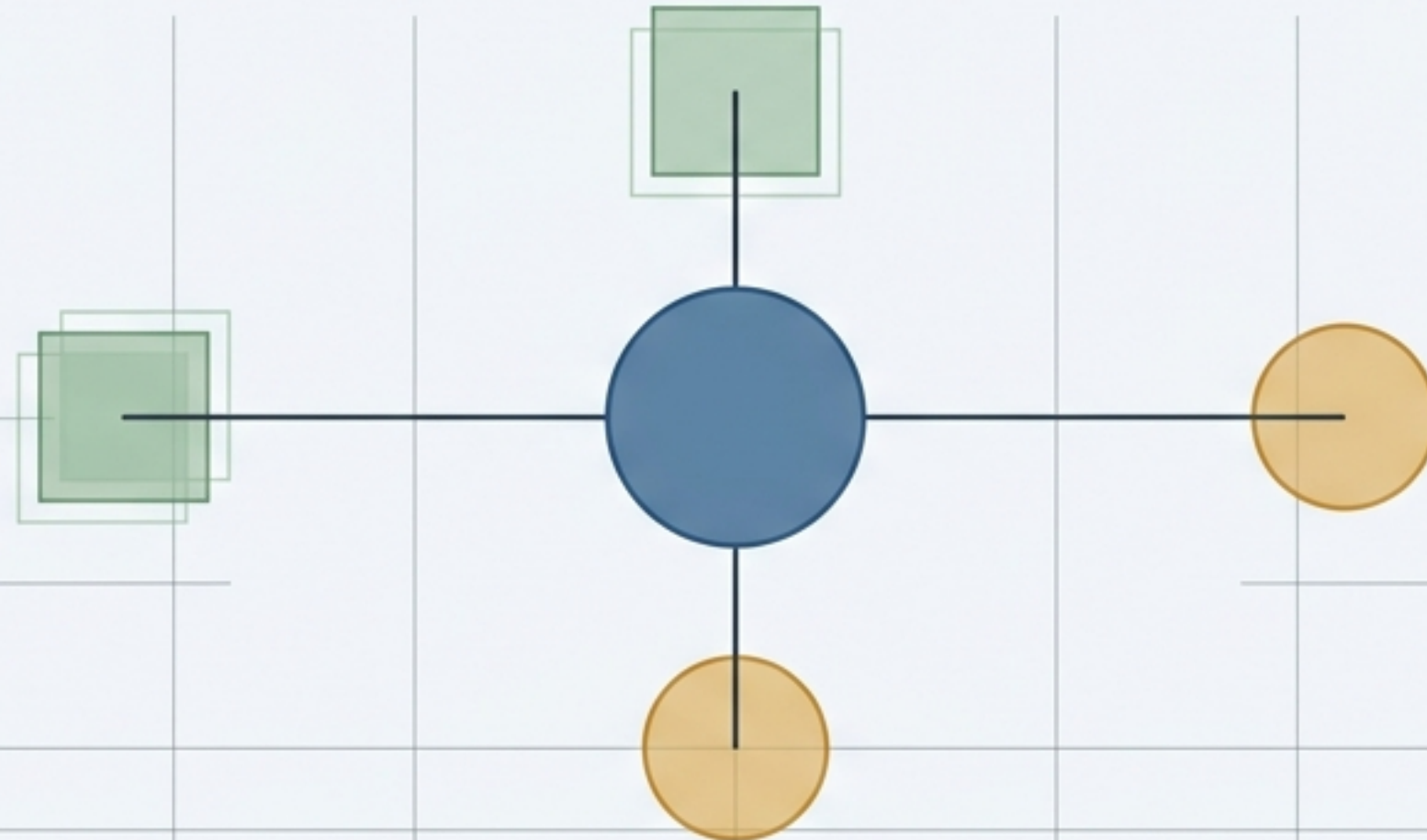


Integrating Oral Health into the Digital Ecosystem

An Executive Briefing on the FDI Policy Statement
for Electronic Health Records

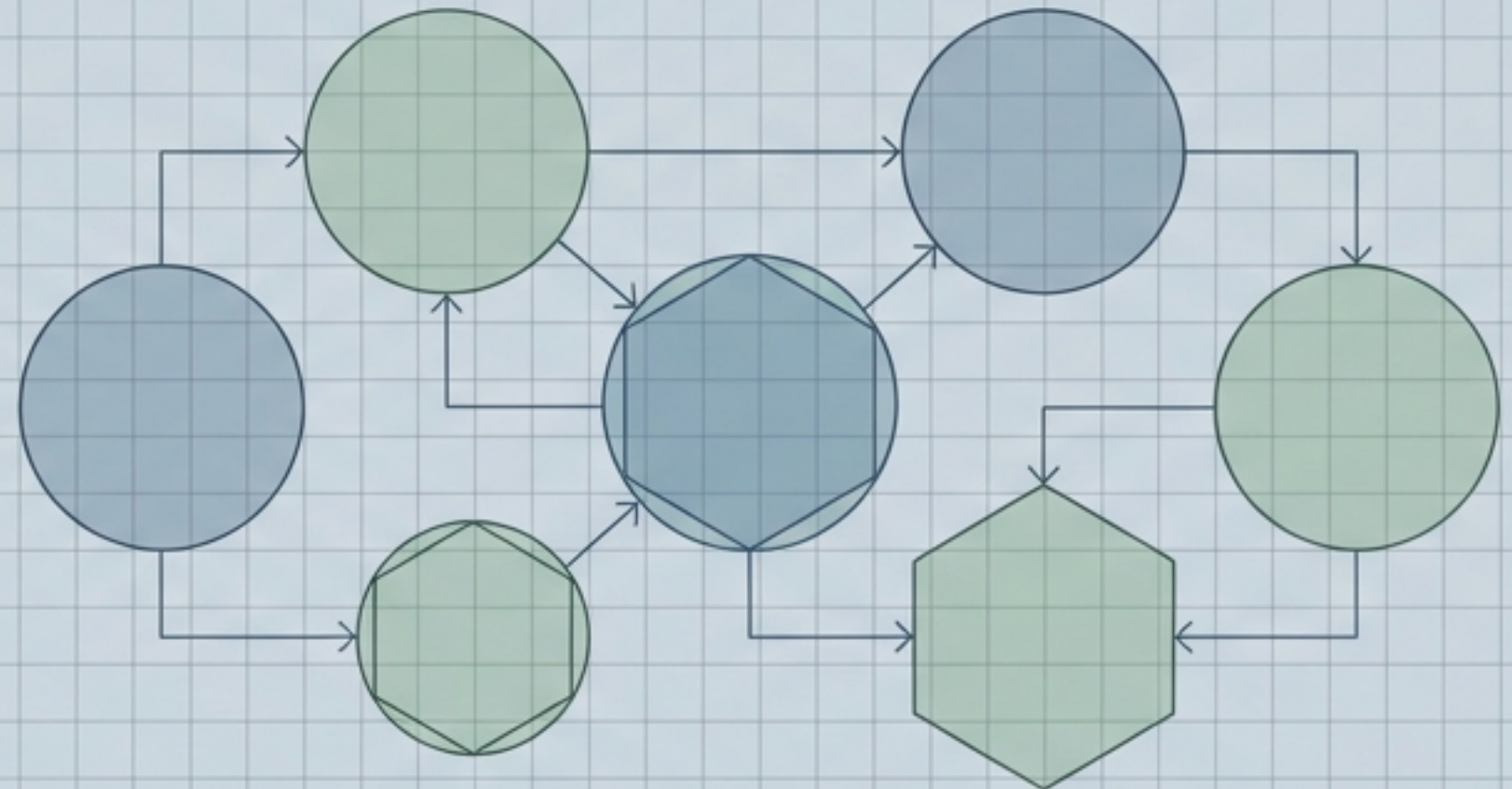


Moving from Isolated Repositories to Unified Systems



Electronic Health Record (EHR)

A repository of information regarding the health status of a subject of care, in computer-processable form.
(Ref: ISO/TR20514:2005)



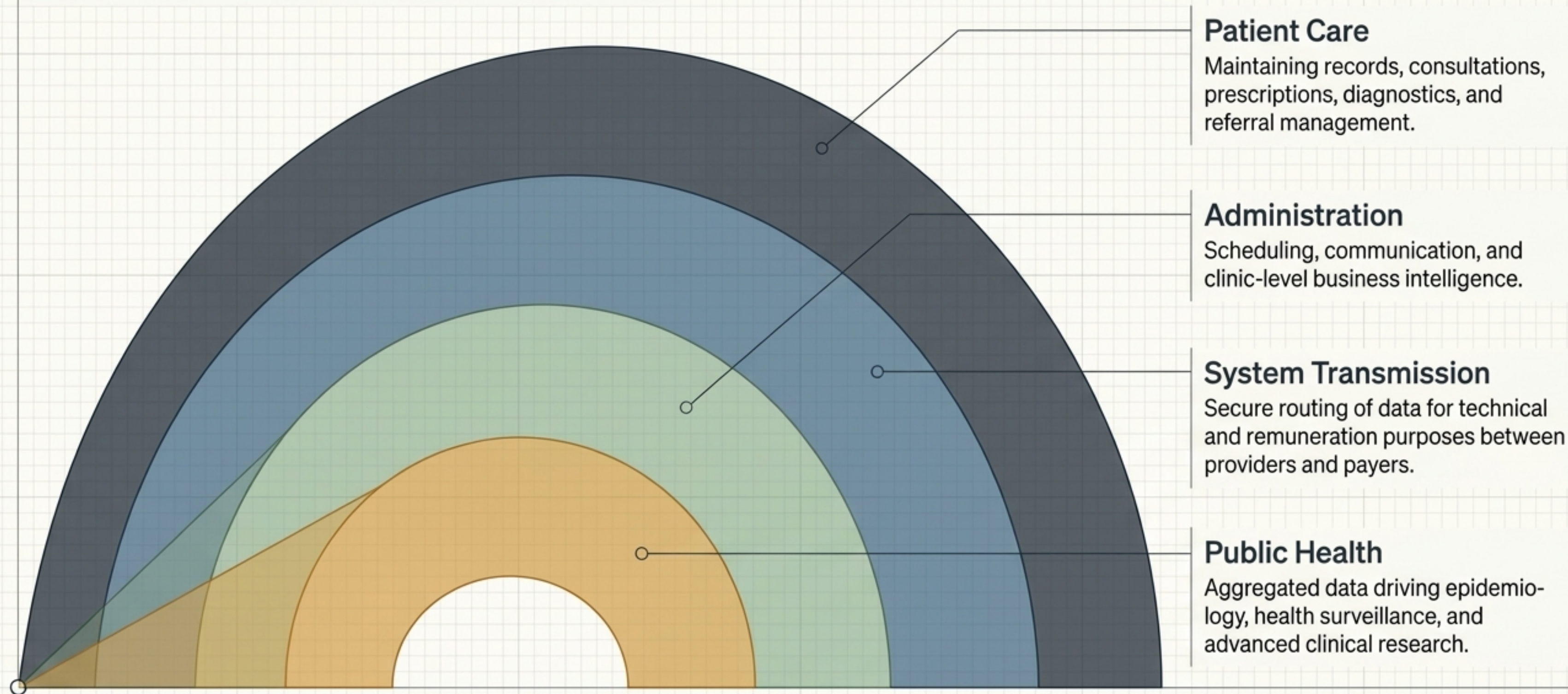
Integrated EHRs

A unified record combining medical and dental disciplines. Designed for high interoperability to provide a comprehensive, holistic view of a patient's health and enhance care continuity across settings.

The Evolution of the Dental Record

Data Scope	Isolated, dental-only.	Holistic (Medical + Dental).
Primary Objective	Administrative & episodic care.	Coordinated, person-centered care.
Interoperability	Closed / Proprietary.	Standards-based (FHIR / DICOM).
Public Health Value	Low (siloes data).	High (fuels epidemiological research and commissioning).

The Expanding Utility of Electronic Health Data



Governing Principles for the Digital Ecosystem



Care & Research

Must improve individual and public health accessibility, safety, and quality while facilitating research via appropriate consent.



Trust & Security

Must guarantee confidentiality, traceability, and compliance with data protection legislation to maintain stakeholder confidence.

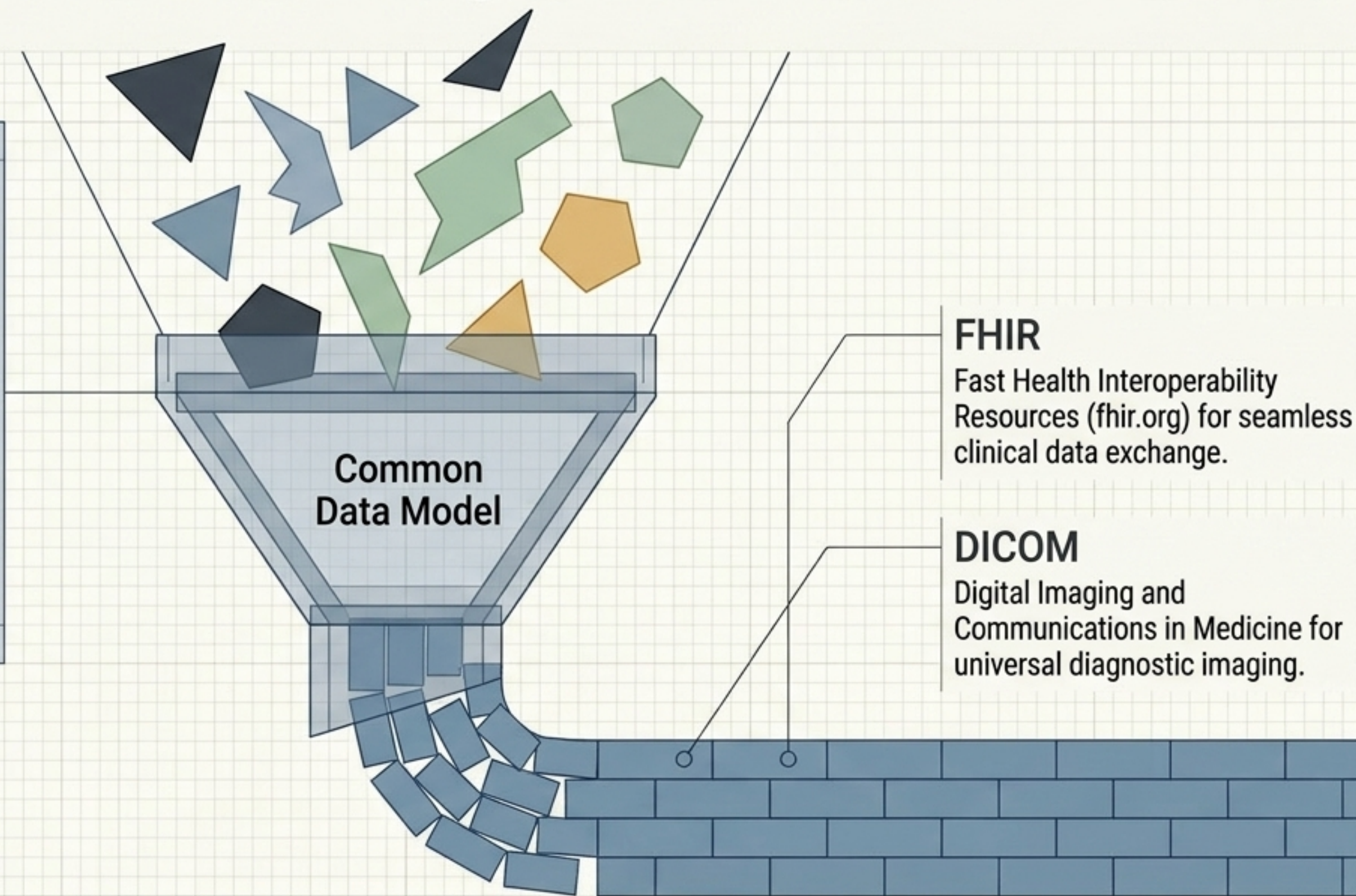


Usability & Efficiency

Must be sustainable, cost-effective, and easy to implement to overcome global variations in integration.

Eradicating Data Silos Through Strict Standardization

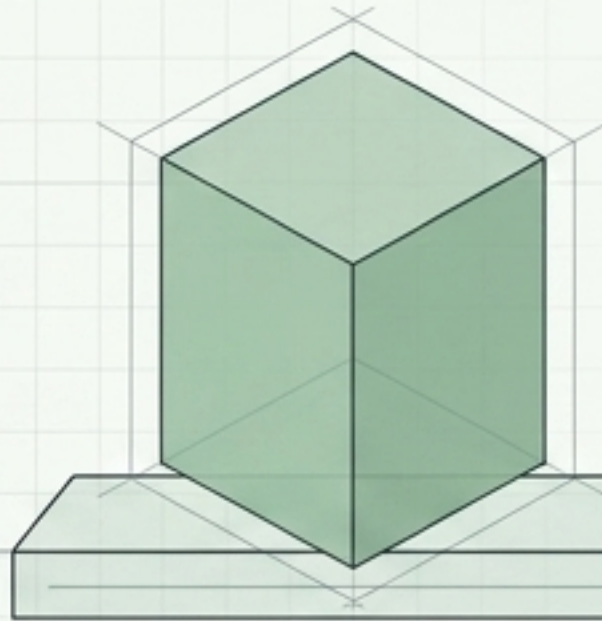
Interoperability requires the oral health community to support and enforce **established digital standards**.



Balancing Global Accessibility with Absolute Privacy

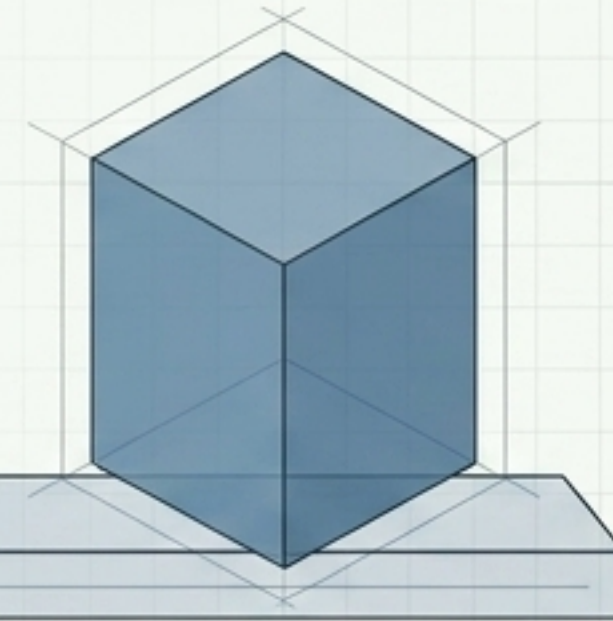
Health Equity

Usage must facilitate WHO's Universal Healthcare approach. It must not aggravate social or medical inequities. Patients face zero hurdles accessing their own records.



Data Security

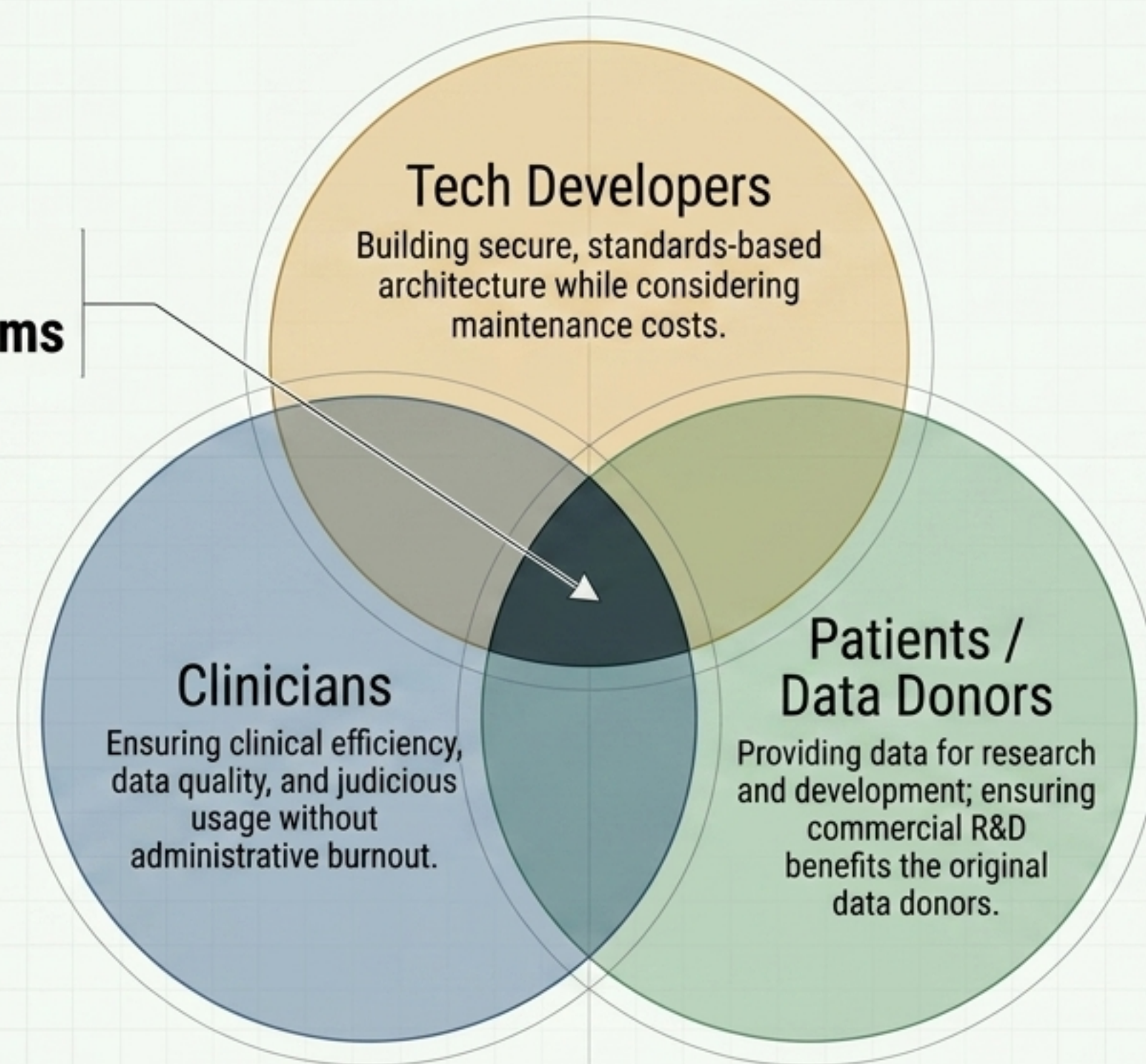
Enforceable access rules. Any changes post-entry must be tracked. Transparent data usage paired with robust anonymization and de-identification for public research.



FDI
Policy

Sustained Impact Requires Interdisciplinary Development

**Efficient, Sustainable,
Person-Centered Systems**

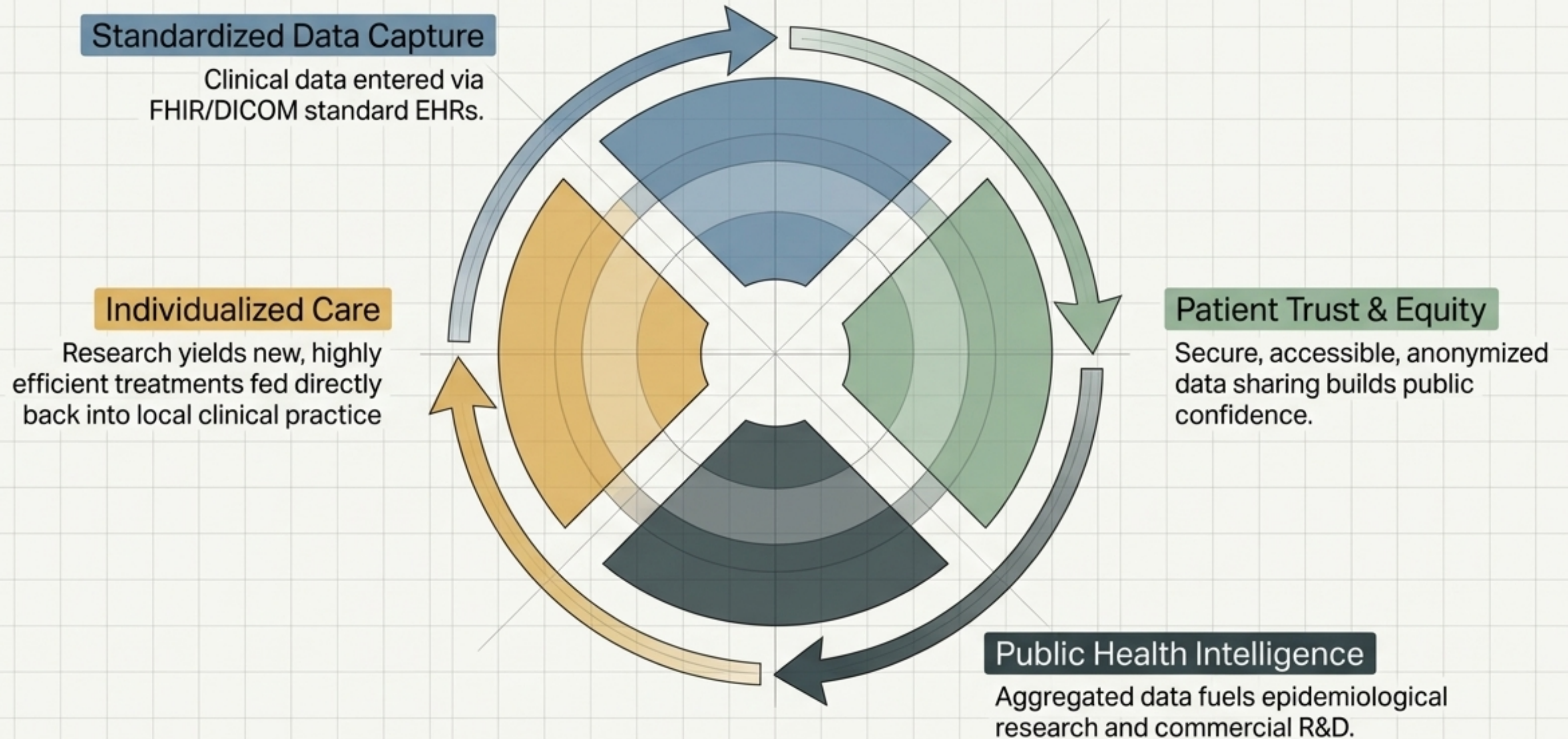


Actionable Mandates for the Digital Health Ecosystem

Stakeholder Action Matrix

	Policymakers & Administrators	Finance and enact integrated EHRs. Enforce data protection legislation. Regularly evaluate EHR impact on administrative and clinical efficiency.
	Manufacturers & Tech Developers	Build strictly on FHIR/DICOM common data models. Ensure secure, purpose-related access with unalterable audit trails.
	Clinicians & Researchers	Train to use EHRs judiciously. Champion patient data donation for public health surveillance using transparent, anonymized models.

The Data-Driven Oral Health Flywheel



Oral Health is Systemic Health

The ultimate goal of the shared electronic health record is not merely administrative efficiency. It is the structural recognition that oral health is an integral, inseparable component of overall human health.

