



Multi-source Electronic Health Record (EHR) Data

Real-World Clinical Context: Structured, Enriched, Ready-for-Analysis

Kythera Labs' EHR Data provides a curated, clinically relevant view of patient care—optimized for research, commercial, and operational use across healthcare and life sciences. Our EHR data integrates structured lab results, diagnosis histories, medication orders, and treatment pathways into a harmonized, analysis-ready format that allows for rapid insight generation and confident decision-making.

Unlike raw EHR exports that are often fragmented or inconsistent across systems, Kythera's data undergoes a rigorous refinement process to ensure quality, continuity, and usability from day one.

Enhanced Clinical Integrity for Better Answers. Harmonized. Tokenized. Trusted.

Kythera's EHR data is engineered for clarity, utility, and scale—eliminating the friction that slows down traditional EHR data onboarding.

- **Pre-Harmonized Clinical Structure**
Standardized lab results, diagnosis codes, and patient events across disparate EHR systems.
- **Entity Resolution Across Encounters**
Unifies patient, provider, order, and facility-level records with consistent identifiers.
- **Time-Aligned Clinical Journeys**
Maintains chronological consistency across results, orders, and diagnosis sequences.
- **Integrated De-identification & Tokenization**
Privacy maintained without compromising longitudinal fidelity.
- **Daily Refresh Pipelines**
Ensures data is always current and reliably structured for downstream use.

- **OMOP-Compatible Delivery**

As needed, EHR data can be supplied in OMOP format—the gold standard for clinical research and data interoperability.

Built to Help You Find Answers Faster

Most vendors unify EHR and claims data but leave it up to your team to clean, structure, and organize the data before it can be used. That extra work introduces delays, complexity, and risk. Kythera does that work upfront—delivering clinically rich, pre-harmonized EHR data that’s ready to query on day one.

EHR Data Use Cases

Kythera’s EHR Data supports a wide range of applications:

- Disease Progression Tracking
- Lab Result Surveillance & Signal Detection
- Longitudinal Patient Journey Mapping
- Commercial Targeting & Opportunity Sizing
- Population Health & Quality Benchmarking
- Predictive Model Training
- Risk Adjustment & Clinical Attribution

Data Profile & Attributes

Kythera’s multi-source EHR model brings together high-integrity, analysis-ready data at national scale.

Descriptive Statistics

- 302M unique patients
- 340K+ unique providers (indexed by NPI)
- 200K+ distinct diagnoses (ICD-10, SNOMED codes)
- 30K+ distinct lab tests (LOINC-indexed)

Core Clinical Domains

Our harmonized data model spans the following foundational domains:

- **Patient:** Demographics including year of birth, gender, race, and deceased status
- **Provider:** Provider identifiers (NPI), names, and professional titles
- **Diagnosis:** Standardized codes/descriptions linked to patient encounters
- **Vitals:** Blood pressure, heart rate, and other vital signs at time of capture
- **Results:** Laboratory test results grouped by panel and linked to encounters
- **Encounter:** Patient-level events with date, facility, and encounter type (e.g., inpatient, outpatient)

Designed for Strategy, Planning, and Growth

With these enhancements, strategy leaders, business development teams, and analysts within healthcare organizations can immediately explore market dynamics, patient journeys, and provider activity—without needing to clean or restructure datasets first. The data is ready to support planning, expansion, and performance analysis from day one.

Features & Benefits

Feature	Benefit
Clinically Rich Lab & EHR Signals	Access granular, curated results across key diagnostic categories.
Entity Resolution & Time-Series Integrity	Get accurate patient journeys and provider attribution across encounters.
Privacy-Safe by Design	Built-in de-identification and tokenization maintains compliance and flexibility.
Seamless Integration	Integrates into your existing environment without requiring platform changes or custom engineering.

Feature	Benefit
OMOP-Compatible Output	Ready for organizations operating within a standardized research framework.
Lower TCO, Greater ROI	Avoid the hidden costs of post-ingestion harmonization and prolonged onboarding.

Accelerate confident, clinically informed insights

Kythera Labs is a data technology company that helps healthcare and life sciences innovators find answers faster—with greater clarity and trust. Our EHR Data is engineered to simplify complexity, enabling better decisions and outcomes across the enterprise.

To learn more or schedule a demo, visit kytheralabs.com.