Optum

Gain visibility into patient care and outcomes with EHR data

Help answer tough questions with a fuller view of the patient care experience

For a better picture of the patient health care journey, you need to understand treatment patterns and resulting care outcomes. But many patients receive care in multiple settings, resulting in fragmented clinical records across sites of care.

What if you could access patient details from disparate electronic health records (EHRs) in one place, packaged in an analysis-ready format?

That's where Optum EHR data come in. Optum consolidates EHR data from various sites of care and enriches the data using natural language processing. This allows you to drill down into patient details that matter most for the population you're studying.

Our pan-therapeutic data set captures patient care across specialties. The data represent all insurance types and are mainly sourced from large health care systems, with the remainder coming from ambulatory networks and private practice groups. Each patient is assigned a unique identifier so that care provided to patients by different providers is appropriately linked.

With the depth, breadth and quality necessary to support your research needs, Optum EHR data can help shed new light on your most pressing challenges.

Reputable data to deepen your understanding



Longitudinal

Clinical information dating back to 2007.



Standardized

Patient data are securely aggregated and processed from disparate EHR systems across health systems and care settings.



Pan-therapeutic

Researchers can follow the patient journey across specialties and dig into specific therapeutic areas.



NLP-enabled

Natural language processing (NLP) algorithms extract clinical concepts and attributes from unstructured EHR text.



Trusted

Optum is part of a Fortune 4 company with high ethical standards. Our real-world data have been cited in hundreds of studies to date.



Linkable

Optum can compliantly integrate clinical data with de-identified claims or genomic data to enable new layers of insight.

Use our analysis-ready, de-identified EHR data to:

- Measure drug utilization and comparative effectiveness: Conduct database cohort studies and review longitudinal journey by treatment, perform long-term patient outcome and disease risk studies.
- Run studies focused on rare and underdiagnosed diseases: Identify patient cohorts for conditions not identified in structured codes and carry out studies using clinical categorizations documented by provider notes (testing classification, stroke severity, etc.).
- Carry out immunization studies: Evaluate manufacturer-specific vaccinations that are traditionally billed with general immunization codes.
- Characterize disease severity: Target a chronic or severely affected population by pinpointing a cohort of interest using lab results, vital signs and observations.

Enhance your research and analysis

Our EHR data include information captured from both structured fields and unstructured notes, including:

- Patient-reported demographics
- Diagnoses
- Procedures
- Prescriptions written
- Health and risk behaviors
- Immunizations
- Signs and symptoms
- Provider specialty
- Laboratory results
- Vital signs and measurements

Tap into our expertise

Your researchers aren't alone. Our data scientists and analytics staff are here to help you navigate our EHR data and get the most out of your investment.

For additional support, partner with our dedicated researchers to help your organization answer questions in your therapeutic area of focus and uncover insights specific to a certain point in the product lifecycle.

- Value and evidence solutions, including health economics and outcomes research (HEOR) and value-based contracting and services
- Epidemiology and post-approval safety studies
- Commercial analytics and market access

126M+

unique patient lives

18+

years of longitudinal patient data

52%

of patients have 3 or more years of continuous clinical activity

81M+

patients with at least one lab result

From data to insight to action, we catalyze innovation and commercial impact.

Have questions about Optum EHR data? Visit us at optum.com/life-sciences.

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