ORACLE

Oracle Life Sciences Linked Data

Helping accelerate evidence generation with linked datasets

One of the biggest problems in healthcare evidence generation is that critical data is scattered across disparate datasets and their integration can be difficult due to patient privacy issues. Oracle Life Sciences Linked Data aims to reduce this problem by combining the Oracle Life Sciences US EHR (electronic health records) data with one of the largest closed claims databases in the United States. Linked Data provides both claims and EHR data for 28+M patients. Now, the clinical richness found in the EHR can be analyzed in conjunction with the healthcare costs and treatment patterns, which are more available in claims. In addition, Oracle Life Sciences' EHR data has certain social determinants of health (SDoH) attributes that can enhance claims data.

Understand the patient journey more completely

Oracle Life Sciences' US closed claims data

Demographics

Cost

Diagnosis

Treatment patterns

Patient journey

Enrollment status

Oracle Life Sciences' US EHR

Race/ethnicity

Vitals

Test results

Vaccines

Allergies

Diagnoses Symptoms

Healthcare events and procedures

Physician notes (future)

Key attributes

- Nationally representative US closed medical and pharmacy claims
- Healthcare costs
- Treatment patterns
- Race, ethnicity, marital status and others
- Vitals, including BMI, heart rate, blood pressure and others
- Lab results

Breadth and depth

Provides a more than eight years view of 28+M U.S. patients with EHR and closed claims records.

Benefits

The linked data method delivers many benefits to life science companies. Among them is a deeper, more holistic understanding of the patient, as the patient perspective via patient reported outcomes is captured along with clinical information. That means life sciences companies can now obtain a longitudinal view of the patient's journey and a more comprehensive view of the patient.

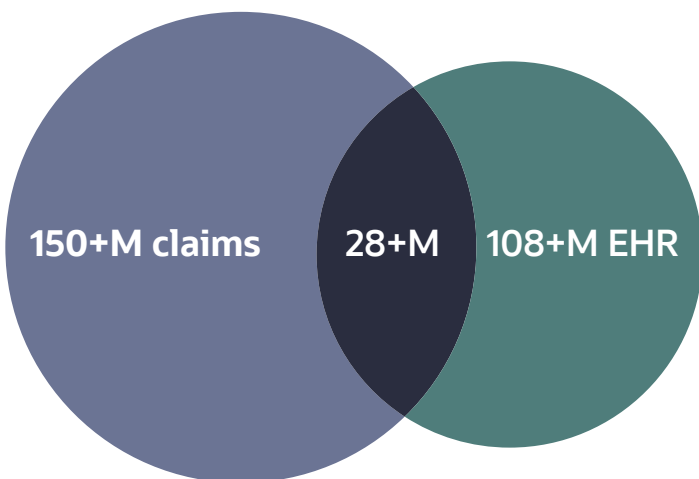**Understand the full EHR longitudinally and fill in the gaps where missing**

"Patient Alan Doe journey"

Date	1/18/21	2/10/21	7/10/21	7/10/21	11/12/21	2/11/22	5/16/22	1/11/23	4/29/23	6/1/23
Visit	PCP*	Specialist	PCP	Emergency Room	Hospitalization	Specialist	Specialist	Inpatient	PCP visit	Specialist
Claims	●	●	●	●	●			●	●	●
EHR		●		●	●	●	●	●	●	●

☐ Time period patient is enrolled in claims data

*PCP: primary care physician

Leverage the linked dataset in studies for rare disease or very targeted patient populations such as:

150+M claims **28+M** **108+M EHR**

Cardiovascular and metabolic diseases, Oncology, Rare diseases, Immune-mediated and infectious conditions, Respiratory, Neurology, Dermatology, etc.

About Oracle Life Sciences

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