

# OM1 Patient Finder™

## Find Patients in Rare & Underdiagnosed Diseases

### Introduction to the OM1 AI Platform

Our AI technology synthesizes patients' composite history into powerful mathematical models that can be used to identify hidden patterns and predict health outcomes. By using AI algorithms and predictive modeling, the OM1 AI platform can:

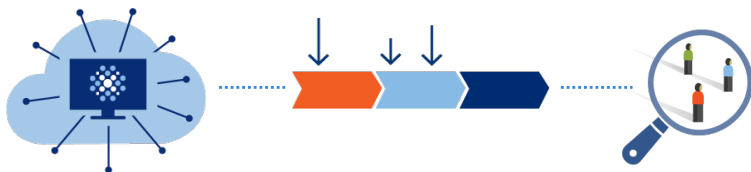
- Find undiagnosed patients and under-appreciated variation in patient phenotypes
- Identify rare subcohorts of patients within broader disease conditions
- Predict health outcomes, including flares, progression, and serious events
- Inform risk management
- Track changes in disease progression
- Support treatment decision-making
- Enhance case management

### Find Undiagnosed Patients



Patient Finder

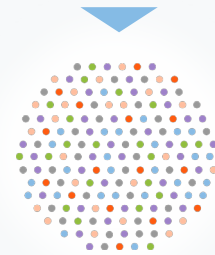
OM1 Patient Finder uses proprietary, cutting-edge AI technology integrated with the OM1 Real-World Data Cloud. It incorporates different aspects of patients' journeys from our range of data sources to identify patients at greatest likelihood of having the target condition. Patient Finder is built for both research applications and real-world, in-clinic deployment.



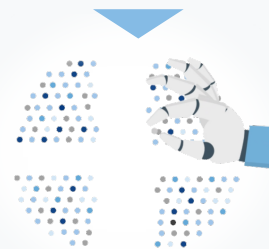
### OM1 Patient Finder: How It Works

Patient Finder is designed for strong analytic performance, medical explainability, and clinical deployment. Its predictions enrich existing data assets and help find patients in the real world.

#### Platform Calibration



Learns from millions of datapoints to understand **common themes**

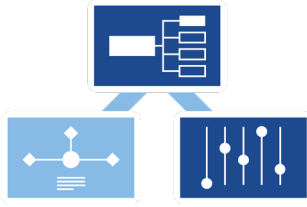


Combines data into '**signals**' that help distinguish patients with the target condition



Uses these signals to **find patients** most likely to have the undiagnosed disease

## OM1 Patient Finder Applications



Identify potential 'pools' of concentrated, undiagnosed patients for trial enrollment



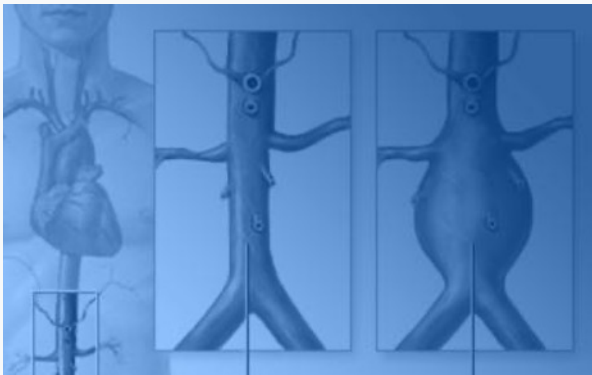
Augment data and promote visibility into larger 'real-world' patient cohorts



Deploy in clinic to support patient identification and treatment followup

### CASE STUDY

## Patient Finder in Abdominal Aortic Aneurysm



~500,000 AAA patients in OM1 Cloud

~10,000 Ruptured AAA patients in OM1 Cloud

### Challenge

Screening guidelines to identify Abdominal Aortic Aneurysm (AAA) patients capture a minority of cases, leading to a large number of patients left undiagnosed.

### Solution

We used a targeted approach with AI modeling to identify:

- 2X increase in patients over guidelines
- AAA patients at elevated risk for referral to ultrasound screening, including those who fall outside current screening guidelines
- AAA patients at high risk for surgical re-interventions



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