clinetic

CASE STUDY

Streamlining "Last Mile" Activities to Identify, Engage, and Enroll More Patients Faster

Challenges

Patient recruitment is widely recognized as the most difficult aspect of clinical trial execution, with many sites failing to meet enrollment targets, leading to costly delays for research sponsors. The traditional approach to identify and enroll patients is highly manual and dependent on specially trained nurses working in physical clinic locations. These nurses are increasingly in short supply and burdened with increased clinical workloads. With all these challenges, 41% of sites under-enroll and 11% of sites fail to enroll a single patient.[1]

Our Approach

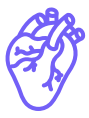
Clinetic's innovative research platform helps sites and sponsors engage, and enroll patients faster by streamlining activities for clinical research coordinators (CRCs). We enable this by providing:

1. Real-time, data-driven patient matching : Our technology continuously scans electronic health record (EHR) data and displays identifiable patient information behind the firewall at our partner health systems which represent 2,500+ sites, 70+ hospitals, and 20+ million patients. We use both structured and unstructured data from the EHR to match patients to study protocol criteria.
2. Workflow tools that streamline "last mile" activities : Clinetic software was designed from the ground up based on feedback from clinical research coordinators to be their "easy button" to automate manual and laborious tasks. For example, we display curated medical charts to streamline pre-screening and enable contact management to drive outreach and enrollment.
3. Enhanced visibility into the patient recruitment funnel : Digitizing the CRC workflow helps sponsors and investigators better understand, in near real-time, the size of the patient pool and the reasons for screening out or declining. This information can be used to better manage site performance, fuel discussion about how to further boost recruitment, and provide data to drive adaptive changes in protocol inclusion/exclusion criteria when needed.

Results

Clinetic's data-driven technology has been used to accelerate patient recruitment for a variety of clinical trials spanning a wide range of therapeutic areas. For example, we:

Identified 100% of eligible patients across 70+ physical locations for an infant respiratory disease study; completed study enrollment in 14 weeks with 97% participant retention.



Enrolled 350 patients (350% of target) in first 12 weeks of recruitment into a cardiovascular disease study.

Enabled a site to achieve their **enrollment goal** for a hepatology study **within 6 weeks of technology implementation**; the site had been active for a year without enrolling a single patient.

Achieved diversity and inclusion enrollment goals for multiple studies by enabling prioritization logic to flag patient subpopulations of interest (e.g., gender, race, ethnicity) for CRC outreach.

Identified new patients for a pulmonology study by using **unstructured EHR data and Natural Language Processing (NLP)**; several important data elements relevant to protocol inclusion/exclusion criteria were stored in visit summary notes.

To learn more about Clinetic, please contact sales@clinetic.com

[1] Getz, K. Enrollment Performance: Weighing the "Facts". Applied Clinical Trials. 2012 May 21(5).