

Rapid Identification of Right-Fit Patients

A global pharmaceutical company needed to identify clinical research sites with the right patient population to enroll into a major depressive disorder (MDD) clinical trial. BEKHealth rapidly identified several hundred right-fit patients at one clinical research site, toward the end of enrollment. This site would ultimately become the highest enrolling out of 57 other clinical research sites.



Clinical Research Solutions

The Problem

A sponsor running an MDD study was struggling to reach their clinical trial recruitment targets on time due to difficulty in identifying and engaging the right matched patients. The study launched in June of 2020, and 9 months into enrollment there was an extremely high screen fail rate with sites drastically under enrolling.

Our Approach

In order to pull timelines in, the sponsor selected one of our BEKHealth client sites to try and rescue the study. When picking a BEKHealth site, the sponsor gets a proactive, AI supported, high-touch approach to find patients who are diagnosed with MDD and meet precise study criteria. This enables the site to activate a study protocol on the BEKHealth platform in a matter of days, and receive a list of automatically pre-screened patients within their system, cutting pre-screening timelines by weeks.

After the site was selected for the study, the BEKHealth clinical team was given the inclusion/exclusion criteria and was able to identify a list of over 680 qualified, active patients within the site's own EMR.

BEKHealth Screened For

Inclusion:

- MDD – mod to severe diagnosis confirmed and no remission
- PHQ9 10+ or Q1_Q2>2
- Monotherapy with specific SSRI or SNRI

Exclusion:

- Anxiety disorders
- Diabetic neuropathy or chronic pain syndrome
- Initiated Psychotherapy
- Hormone replacement therapy
- HIV/hepB/hepC
- Other mental illness with psychotic features
- Vagal nerve stimulus, TMS, psychosurgery
- ECT or ketamine treatment

Our Results

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Of 57 active participating sites, the BEKHealth identified site was number 1 in total enrollment

5

Months to exceeding enrollment goals, compared to 1 year for most other sites

33

Enrolled patients with an enrollment rate of 6.6 per patients per month

Products Utilized



BEK Translate



BEK Galileo



BEK Auto Recruiter