

Case Study: COVID-19 Prophylaxis

Phase 3 | Rare Disease, Neurology

Challenge

A registrational Phase 3 study aimed at preventing COVID-19 in severely immunocompromised adults faced major barriers to enrollment. Patients too sick, isolated, or medically fragile to safely travel to traditional research sites severely limited study access, putting enrollment timelines at risk.

Solution

Science 37 deployed its Direct-to-Patient Site to overcome access challenges. A prescreening registry quickly identified and qualified eligible immunocompromised patients. The team enabled at-home delivery of blinded biologic medication with temperature monitoring and IV administration. Dual-nurse teams in full PPE conducted in-home assessments within 48 hours of symptom onset, while PRN rescue medications were delivered with real-time oversight from a remote Science 37 investigator. This approach successfully enrolled a geographically and culturally diverse population unreachable through traditional site selection.

Science 37 Results

Enrolled
42%
of Immunocompromised Cohort
across 36 States in 8 Weeks

>90%
Visit Completion Rate
across 700+ In-Home Visits

Top Enrolling Site Among 95 Sites

23%
Minority Representation
Black, Asian, Hispanic



