ADVANCING A DIABETES MULTI-REGISTRATION PROGRAM

Case Study

A large pharmaceutical company asked Covance to support their studies for a diabetes Phase III program specifically to register a drug to treat Type 2 Diabetes.

Understanding the Challenge

Covance needed to recruit 2,700 patients across the world in the extremely competitive arena of diabetes studies. In addition, the sponsor wanted to get all the sites up and running as quickly as possible while employing cost-effective measures.

Tapping into Covance Central Laboratory Investigator Performance Database®

To meet the tight deadline and cost concerns, Covance relied on our rich central laboratory services database which includes more than 175,000 unique investigators and 15,000 protocols. Covance generates more clinical trial data than anyone else in the world.

Applying Data-Driven Solutions

- Mined the Covance Central Labs database across 175,000 unique investigators and 15,000 protocols.
- Found investigators capable of handling multiple studies to support a global registration program.
- Performed extensive feasibility outreach for site capacity assessment, which accelerated site startup.
- Met first patient in (FPI) ahead of schedule in an extremely competitive arena of diabetes.

Using the global Central Laboratory Services data, we are able to see which investigators consistently outperform their peers over time. The team focused on investigators in the top quartile for enrollment in diabetes. The data also revealed that some investigators had the capacity to execute more than one study consecutively. Given that the sponsor needed to run a suite of studies, Covance prioritized those investigators that could manage multiple studies at the same time.

REDUCED THE TIME FROM **PF TO FPI* BY 18%**

EXPERIENCED **41% FEWER** NON-PERFORMING SITES THAN INDUSTRY DIABETES STUDIES

ENROLLED **31% MORE** PATIENTS PER SITE PER MONTH THAN THE ORIGINAL FORECAST

**Protocol Finalization to First Patient In.*

COVANCE
SOLUTIONS MADE REAL®

Optimizing Extensive Feasibility Outreach

With the Covance Central Laboratory historical performance database, the team could discern which sites and investigators would best support the sponsor's global registration trial – saving the sponsor cost and time. This unprecedented level of feasibility outreach and site capacity assessment allowed effective overlapping of sites across the program. As a result, the sponsor experienced accelerated site startup, a key factor to trimming overall clinical costs.

Covance Central Laboratory Historical Performance Data Helps Sponsor Meet and Exceed Key Milestones

Leveraging this robust, vast dataset made a significant difference in the study startup phase. Covance helped the sponsor achieve first patient in (FPI) ahead of schedule for all studies in the program and beat historical industry performance across a number of key metrics:

- Reduced the time from final protocol to FPI by 18%
- Experienced 41% fewer non-performing sites than industry diabetes studies
- Enrolled 31% more patients/site/month than the original timeline

As a result, Covance helped reduce costs, accelerate the timeline and impact the return on investment.

REAL-TIME **DATA.**
REAL-WORLD **IMPACT.**

www.covance.com/realimpact

The Americas +1.888.COVANCE (+1.888.268.2623) +1.609.452.4440
Europe / Africa +00.800.2682.2682 +44.1423.500888
Asia Pacific +800.6568.3000 +65.6.5686588

 CSCDS119-0319

COVANCE
SOLUTIONS MADE REAL®