VaxTrials

Tech & AI-Enabled Vaccine Trials

Driving Faster, Higher Quality, and More Efficient Outcomes

AI and advanced technologies are revolutionizing vaccine and infectious disease clinical trials. By enhancing speed, efficiency, and accuracy, these innovations help researchers overcome traditional barriers, streamline trial processes, and accelerate the development of life-saving vaccines and treatments.

Discover how these advancements are transforming clinical trials and paving the way for a healthier future.

1 PLANNING

Real World Data-Supported Site Feasibility

AI predicts optimal trial sites with higher disease prevalence by analyzing data from previous trials and real-time health data.

This ensures that a significant percentage of trial participants are exposed, enhancing the trial's effectiveness and efficiency.

STUDY DESIGN 2

Accelerated Protocol Authoring

Simultaneous protocol and study database development are crucial in public health emergencies.

Our advanced RAG (Retrieval-Augmented Generation) models integrate decades of vaccine-specific knowledge with public data to swiftly generate detailed draft protocols, reaching critical milestones faster.

3 STUDY STARTUP

AI-Based Study Builds

Our Advantage eClinical platform automates key processes such as protocol digitization, form creation, and edit checks.

The combination of AI and automation can cut a typical study build's timeline by several weeks, enabling delivery in as little as four weeks.

CASE STUDY

The Remdesivir study was built in four days using automation and pre-existing content. This rapid setup highlights our platform's ability to ensure speed and consistency, despite project changes, setting a new standard for efficiency in urgent health scenarios.

STUDY CONDUCT 4

Unified Data Management

Our unified platform streamlines data collection and management by bringing together eDiaries, telehealth, and EDC solutions in a single database. By providing unified data from different sources in one place with a single view—checked in real-time—we eliminate the need for data reconciliation to speed up database lock.

Automated Data Cleaning

Our technology automates data cleaning to ensure accuracy and integrity, reducing workload by eliminating manual reviews and speeding up issue resolution at the site to enable database lock within a few weeks instead of a few months.

5 REPORTING & ANALYSIS

AI-Supported Insights

Leveraging AI streamlines reporting and analysis by quickly processing complex data, identifying trends, and delivering actionable insights to enhance decision-making and efficiency.

AI elevates our reports, providing comprehensive insights that accurately depict study progress and aid client understanding throughout the trial.

Additionally, AI enables risk identification and dynamic adjustment of risk-based monitoring strategies, optimizing resource use.

Ready to transform your clinical trial processes and accelerate your vaccine and infectious disease research?

Contact VaxTrials today to learn how we can help you optimize your clinical trials through the use of AI and Technology to deliver life-saving treatments, faster.

To learn more, visit www.vaxtrials.com