Citeline
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Optimize Site Selection and Patient Enrollment

Introducing Saama's Trial Planning Optimizer with Citeline APIs

Sponsors know that a key challenge for the success of a clinical trial is the proper identification and enrollment of suitable patients for the study. Finding the right sites and investigators is an important step in overcoming this challenge. Any delay at this stage causes a ripple effect of downstream delays that will lengthen the cycle time of the study. Each protocol has a set of inclusion/exclusion criteria and procedures that must be followed but must be thoughtfully evaluated in order to avoid unnecessary screen failures and subjects not completing the study.

Real World Data (RWD) has the potential to inform these activities but only a fraction of the criteria can be mapped to a structured data element in the healthcare records.

Trial registry data are critical in forming the pool of possible sites and investigators but there is still the limitation of scope, geographic coverage, and accuracy.

Citeline's Trialtrove and Sitetrove data are the gold standard of clinical information. Curated by therapeutic experts to provide a detailed and accurate global view of past and current trials including clinical investigator and trial site participation.

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Solution Overview

Saama's Trial Planning Optimizer is the clinical trial feasibility solution that optimizes enrollment, investigator identification, site selection and patient burden by combining Citeline data and RWD in the same platform. Trial Planning Optimizer defines patients by inclusion/exclusion criteria and uncovers key areas for protocol design improvement, which leads to avoidance of costly amendments. In addition, it helps pinpoint principal investigators and institutions that are prime for enrolling the target patient population.

Saama's cutting-edge artificial intelligence, machine learning and deep learning solutions with Informa/Citeline's new application programming interfaces (APIs) ensures mutual clients have the best data, with the best tools, to make the best decisions.

Citeline's new APIs for Trials, Drugs, Sites and Investigators enable you to integrate live information directly from Citeline's R&D Intelligence databases into your own systems and integrate Informa's quality datasets directly with third party data and your own data.

Feature/Capability	Benefit
Enrollment Analysis for Protocol	Refine eligible study population using dynamic inclusion/exclusion criteria and view it geographically. Assess the relative impact of each inclusion/exclusion criteria on size of target study population.
Principal Investigator Analysis	Pinpoint principal investigators with previous clinical trials experience in therapeutic areas of interest, and their institutional affiliations. Identify cohort treating physicians to be considered in selecting Principal Investigators.
Site Selection Analysis	Identify and assess the feasibility of the clinical trial sites, their success with previous clinical trials conducted at facility and the proximity to the patient population by leveraging Citeline's Sitetrove data.
Study Design Analysis	Evaluate risks in study design that may impact patient enrollment, screen failure and patient retention. Provide overall score of protocol feasibility to allow for any necessary modifications before actual commencement of study.

About Saama

Saama Technologies is the advanced data and analytics company delivering actionable business insights for life sciences, and the Global 2000. We are singularly focused on driving fast, flexible, impactful business outcomes for our clients through data & analytics. Our unique "hybrid" approach integrates focused solutions and expertise across the life sciences domain, business consulting, data science, automated data management and big data technologies. We integrate manual and disconnected initiatives into a well-aligned roadmap facilitating the client's journey from strategy through solution implementation.

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About Citeline

Citeline, Informa Pharma Intelligence's suite of R&D intelligence solutions including Trialtrove, Sitetrove, and Pharmaprojects, helps you quickly filter thousands of trials to find the most relevant set to inform your trial and program strategy – from protocol design to country and principal investigator selection, to competitive landscape tracking, to staying informed on the latest clinical and regulatory events which could impact your trial. And now, Citeline's new Next Generation platform makes it easier than ever to pinpoint the exact information you need, customize results, and share content across your organization.

Citeline's new APIs for Trials, Drugs, Sites and Investigators enable you to stream information directly from Citeline's R&D Intelligence databases into your own systems and integrate Informa's quality datasets directly with third party and your own data. It's the content you trust, delivered on your terms.

Informa Pharma Intelligence is the trusted partner of all of the top 50 global pharmaceutical companies and the top 10 contract research organisations (CROs)—providing timely intelligence and insight to help them make authoritative decisions. From drug and device discovery and development to regulatory approval, drug reimbursement to lifecycle management, we provide the global intelligence and insight to help advance our partners' initiatives in a fast-changing market.

To learn more about Pharma Intelligence and the advantages we can deliver to your company, please visit: **pharmaintelligence.informa.com** or email: **pharma@informa.com**

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