



Accelerating trial site selection for a rare disease

Armed with granular sites data, overlaid with epidemiology insights and real world data, this trial sponsor was able to confidently prioritize suitable sites and investigators.

Challenge

Identifying ideal sites and investigators for acute myelogenous leukemia

Our client was a biopharmaceutical company planning a late-stage clinical trial in the U.S. to support a rare disease indication extension for their drug. The client needed to come up with a list of suitable sites and principal investigators with access to the trial's representative patient sample.

Although acute myelogenous leukemia is one of the most common kinds of blood cancers, only about 4.3 persons in every 100,000 will develop it in their lifetimes, making it difficult to identify experienced sites with access to the ideal patient profile.

Solution

A data-driven approach to clinical trial site selection

The trial sponsor is a subscriber to Cortellis Clinical Trials Intelligence™ and used this solution to kick-off the site identification process. In a few clicks they were able to build an initial shortlist of sites that complied with their key criteria, including location, disease-specific experience, and past clinical trial activity.

The next step involved narrowing down the potential site list further by verifying the likelihood of connecting with the trial's representative patient sample, by:



Pinpointing where the ideal patients are located in relation to the potential sites, using targeted analysis of epidemiology data.



Understanding where competing trials are actively running to avoid delays in enrolment.

The sponsor also used real world data (RWD) available within Cortellis Clinical Trials Intelligence to explore the individual sites' details, such as number of beds and practitioners, including claims data from the past 12 months. These data offered an additional layer of insight to verify whether the shortlisted sites were ideal candidates for accessing the target patient population.

Prioritizing high value investigators

To complement their site selection process, the sponsor needed additional insights on investigator experience and availability, to identify high-value candidates. The client turned to Clarivate Consulting Services to conduct a custom investigator ranking analysis, including:



Comparison of site histories vs. individual investigators with detailed records of all trials associated with a site (historical and ongoing).



Practitioner participation rate ranking by cross referencing individual activity against all trials conducted at local sites.



Prioritization recommendations of key investigators using RWD along with previous trial experience, to select those who have the highest likelihood for success based on level of expertise, availability and access to targeted patients.

Elements of success

Custom investigator ranking analysis
fueled by Clarivate Real World Data:

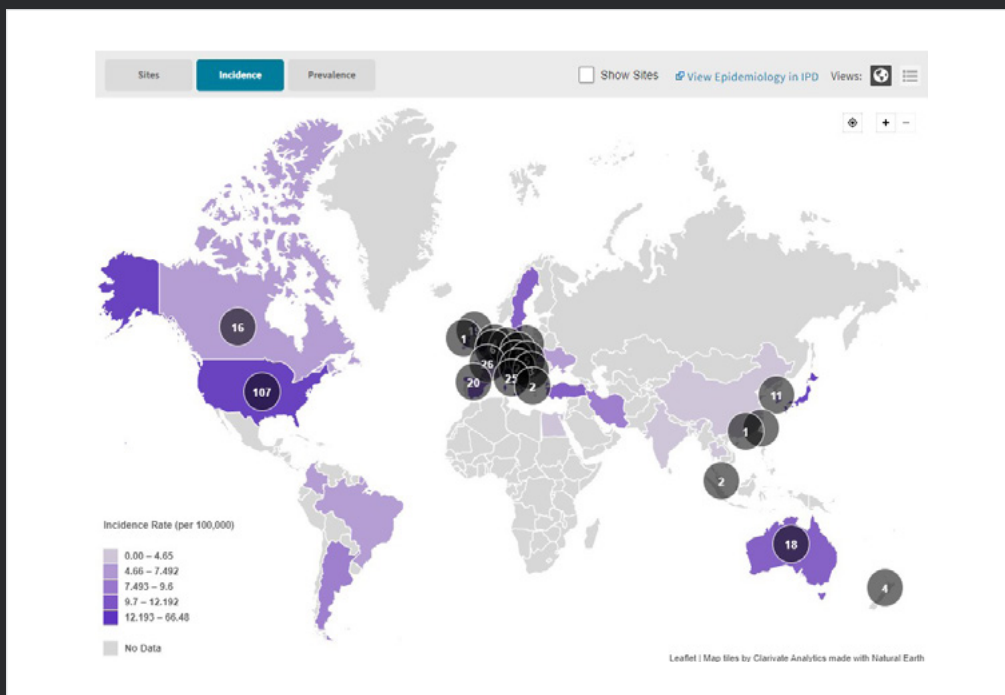
41B+

U.S. claims.

2.5M+

practitioners across
640K+ sites of care.

The sponsor easily identified high incidence and prevalence
of AML in U.S. as well as high concentration of sites
associated with completed or closed Phase III AML trials:



Example of sites map overlaid with epidemiology insights. Source: Cortellis Clinical Trials Intelligence.

Thanks to granular indexing it took the sponsor just minutes to prioritize suitable sites using Cortellis Clinical Trials Intelligence:

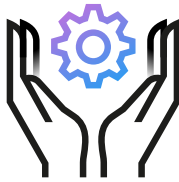


Confidence in the site and investigator prioritization approach



Success

Based on the site selection shortlist, the client was confident that they would be able to meet the trial goals in terms of enrolment targets and patient availability.



Efficiency

Cortellis Clinical Trials Intelligence empowered the sponsor to find key data and insights within minutes, freeing up the clinical team to focus on critical operations decisions.



Speed

The process of identifying suitable investigator candidates, and mapping to site shortlist, was completed in less than 3 weeks.

Position your clinical trials for success from day one

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