Accelerate Your COVID-19 Clinical Studies

COVID-19 Integrated Data Sets

- Patient Backgrounds
- Central Lab Summary
- Genomic Markers
- COVID-19 Diagnostic Markers
- Advanced Inflammation Markers
- Radiology Scans
- eCOA Data/Activity Data
- Clinical Outcomes
- Adverse Events

From translational research through clinical development, Saama's purpose-built solution delivers all the multiomics and clinical data analytics you need to optimize study design, patient selection, site activation, and scientific analysis.

Complete visibility into multiomics and clinical data sets—along with historical data from past trials—enables translational and clinical researchers to fight the novel coronavirus more quickly and effectively:

- Determine inclusion/exclusion criteria with greater accuracy

- Reduce Screen Failure Rate

- Analyze patient data across nine key metrics, including diagnostic markers, inflammation markers, genomic markers, radiology, and more—within and across studies

- Leverage an integrated correlation engine (ICE) to correlate markers with clinical outcomes

- Search more than 63,000 scholarly articles about COVID-19, SARS-CoV-2, and related coronaviruses

COVID-19 Integrated Datasets

1. Patient Backgrounds
Explore detailed demographic data, comorbidities, concomitant medications, vitals, labs, and disease progression for single patients, as well as summary information for groups of patients.

2. Central Lab Summary
View COVID-19 specific labs and tests for patients and patient groups, including D-Dimer, CRP, Ferritin, IL-6, Troponin, CKNB, LST/AST, Creatinine, DPPC, and Surfactant Proteins. Dynamic filtering makes it easy to identify and investigate outliers and drill down into specific labs.

3. Genomic Markers
Visually correlate biomarker relationships within and across patient clusters (shown), perform single-omics analysis that compares groups within a clinical study, and compare genomic expressions and underlying affected pathways with the ability to filter data for deeper exploration.

4. COVID-19 Diagnostic Markers
Bring together diagnostic markers—Viral Load, Antibody Tests, CT imaging, Fever, Vital Signs, etc.— to assess disease staging in a single patient and construct an average patient response during disease progression and treatment.

5. Advanced Inflammation Markers
Assess patient risk and monitor responses to treatment, using markers such as Flow Panel (CD8, eff/mem etc.), macrophages, Neutrophils, Cytokine Panel, and Elispot (quant CD8, IL-6).

6. Radiology Scans
Monitor detailed findings from medical images, such as ground glass opacities, consolidations, and crazy paving patterns, for individual patients or groups of patients. Compare scans over time and perform further review with automated image analysis algorithms.
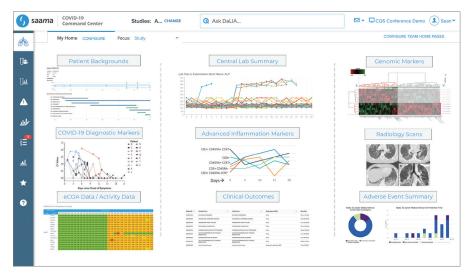
7. eCOA Data/Activity Data
Gain quick access to patient- and clinician-reported outcomes (respiratory ability, nausea, activity data, etc.) for qualitative measurements of patient safety, disease progression, and treatment efficacy.

8. Clinical Outcomes
View FEV, Sp02, Fever, Viral Loads, Antibodies and other outcomes, using interactive analytics to better understand the context and results of the treatment progression for each patient.

9. Adverse Events
Identify common adverse events that occur among patient populations and drill down to a single patient's AEs during treatment, for fast decision making about dose escalation or medical unblinding.

Get Started Now

Serving the informational needs of key decision makers across the Clinical Development continuum—including Sr. Executives, Therapeutic Area Heads, Medical Leads, Clinical Operations Professionals, Data Managers, and Investigative Site Personnel, Saama's COVID-19 Command Center accelerates clinical programs via operational and clinical data analytics and visualization.

Right out of the box, users gain access to data from thousands of patients in ongoing clinical trials in China, South Korea, and the U.S.

To learn how **Saama's COVID-19 Command Center** can help optimize your critical COVID-19 clinical trials, email **sales@saama.com** or call us at **888.205.3500**.

About Saama Technologies, Inc.

Saama is the #1 AI clinical analytics platform company, enabling the life sciences industry to conduct faster and safer clinical development and regulatory programs. Today, 50 biotech companies use Saama's award-winning Life Science Analytics Cloud (LSAC) platform on over 1,500 studies, including many of the top 20 pharmaceutical companies. LSAC's rich applications facilitate an unprecedented, authoritative oversight of comprehensive clinical research data, enabling companies to file New Drug Applications (NDAs) more efficiently and bring drugs to market faster. Discover more at www.saama.com and follow Saama @SaamaTechInc

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