Syapse is on a mission to enable healthcare providers to deliver the best care to every cancer patient through precision medicine

We are a real-world evidence company that partners with health systems, life sciences companies, and regulators to drive better outcomes for people with cancer around the world. Syapse integrates, standardizes, and normalizes clinical and genomic data in a centralized platform that can be utilized by healthcare providers, researchers, executives, and others to advance the practice of precision medicine.

By bringing together leading healthcare innovators into a unified ecosystem, we have built an international data sharing network that informs patient care and accelerates drug development.

**Answer Real-World Questions**

**Example clinical use case**
A physician has an upcoming case review for a 70-year old patient with stage IV NSCLC who has progressed on targeted therapy. What treatments have patients with similar clinical and genomic profiles received in the real world?

**Example research use case**
How does the survival of NSCLC patients who received pembrolizumab monotherapy first line compare to the survival of patients who received a combination of pembrolizumab and a platinum-based chemotherapy regimen first line?

For more information about working with Syapse, reach out through our website: syapse.com
The Syapse Approach

By connecting with electronic health records (EHRs), data warehouses, registries, and other sources, Syapse is able to extract complex clinical data such as diagnosis and staging, pathology and radiology reports, treatment and outcomes, demographics, and more. Syapse also captures genomic and other molecular test results as structured data through direct integration with molecular diagnostics labs. Additionally, Syapse applies a data quality improvement framework that uses a combination of manual abstraction by highly trained medical data professionals and machine learning to create a comprehensive patient record.

The Syapse Approach Diagram:

- **DATA COLLECTION ACROSS MULTIPLE SOURCES**
  - Molecular and health system clinical data

- **DATA ACQUISITION INFRASTRUCTURE**
  - Interoperability and manual abstraction

- **DATA STRUCTURING & NORMALIZATION**
  - Knowledge bases and mapping

- **DATA QUALITY IMPROVEMENT**
  - Manual abstraction and machine learning

- **INSIGHTS DELIVERY**

The Syapse Difference

Our advantage is powered by a decade of partnership with the Syapse Learning Health Network of health systems, biopharmaceutical companies, regulators, and advocacy groups. Our data strategy is built around full longitudinality, continuous updates to ensure recency, and ingestion of both oncology and non-oncology data to fully contextualize patients throughout their care journeys. Common data standards and rigorous privacy and security measures allow Syapse partners to share valuable insights across the network.

CASE STUDY

- **Identify candidates for a newly approved targeted therapy**
  - Syapse delivered a list of patients who had solid tumors with NTRK gene fusions potentially eligible for treatment with larotrectinib.

CASE STUDY

- **Streamline clinical trial recruitment**
  - Syapse found 19 patients at four partner health systems and facilitated talks with a life sciences partner that led to at least one new trial site being opened.

CASE STUDY

- **Reduce the burden of molecular tumor board case preparation**
  - Syapse saved research coordinators nearly eight hours per week with Syapse Oncology molecular tumor board software and service offerings.

About Syapse

Syapse was founded in 2008 for a single purpose: to ensure that every patient has access to precision cancer care. Since then, we have expanded to new locations in San Francisco, Philadelphia, South Korea, and Japan.