



Executive Overview

When you have participation from hundreds of organizations combining EHR data from **hundreds of millions of patients**, you can improve the health and lives of people everywhere. Cosmos is what will help make that possible.

Why Cosmos?

Cosmos will provide observational data that clinicians can use to help make patient care decisions on a daily basis. Tough clinical decisions—such as which medication to prescribe for a particular patient or whether to perform surgery—can be backed by data from millions of patient records.

Additionally, Cosmos will have rich clinical information from a large and growing pool of key data points—everything from cancer staging details, to social determinants information, to even patient health surveys. This data can serve as the source for updated clinical interventions, published findings, and ultimately new standards of care.

Cosmos vs Other Research Networks

- ★ **Integration back into care workflows.** *Best Care for My Patient* will help clinicians make key clinical decisions by looking at the millions of patients and interactions in Cosmos and showing what's worked best for similar patients.
- ★ **Collaborate with physicians.** *Look-Alikes* will allow physicians to connect with other physicians who have treated a rare patient like their own so they can collaborate on treatment options.
- ★ **Faster access to data.** Today, a significant portion of a researcher's time is spent simply gathering data. With Cosmos, researchers start off with millions of patient records, where the data is already mapped and normalized across organizations using standard ontologies like SNOMED, LOINC, and RxNorm.

Cosmos Privacy Controls

- ★ **HIPAA-defined limited data sets.** Before any data is sent to Cosmos, patient records have 16 categories of unique identifiers removed to maintain privacy. The result is a HIPAA-defined limited data set patient record, which is sent to Cosmos using the secure Care Everywhere network.
- ★ **Support for state rules and patient consent.** Cosmos supports patient-level opt-out consent workflows to comply with any state-specific regulatory requirements.
- ★ **Rules of the road.** A community-wide, elected Cosmos council maintains a Rules of the Road to manage how data is used. This includes provisions to use Cosmos data for third-party funded research or access by public health agencies. Selling Cosmos data is prohibited by the Rules of the Road.
- ★ **Built-in research controls.** Cosmos research controls hide low record counts and mask line-level detail to ensure an additional layer of privacy during initial research.

How Do We Get Started?

Cosmos organizations sign an agreement to participate. Through at least December 31, 2027, we've waived any type of cost sharing co-op fee. Contact your BFF to get started.