Relation Registry

CONNECT PATIENT-PROVIDER RELATIONSHIPS TO IMPROVE
CARE COORDINATION ACROSS YOUR ENTERPRISE

Challenge:

Fragmented data leaves many healthcare organizations with an incomplete picture of a patient's care team that hinders care coordination and effective transition planning.

Solution:

NextGate Relation Registry breaks down data silos to define patient and provider relationships and improve clinical, operational and financial outcomes.

What is the Relation Registry?

NextGate's Relation Registry assigns relationships to patients and providers that help your organization link individuals to their provider care network, share patient information with the right providers during care transitions and perform other tasks essential for collaborative care.

With this information, providers can easily identify who is on their patient's care team as well as access other relevant data, including:

- Inpatient, outpatient and emergency admissions
- Discharge or bed transfers
- Physician office visits
- Lab and radiology results
- Care team mapping for consulting, admitting, attending and ordering

How It Works

The Relation Registry is a vendor neutral solution that can correlate relevant patient, provider and event data elements from a variety of sources including HL7 messaging, user interfaces and/or eligibility files. The Relation Registry uses enterprise identifiers generated by our EMPI and Provider Registry to ensure accurate matching and interoperability across systems.

Our Relation Registry utilizes advanced graph database technology to capture the complex web of data and events surrounding a patient. This enables the registry to relate and organize data in a meaningful manner that clinicians and other end users may access from a single, centralized location at the point of care.

Integration Is Easy

The Relation Registry is an interoperable enterprise solution that fosters data connectivity across multiple, disparate systems. It is included with our Provider Registry and is seamlessly integrated into our market-leading EMPI.

Regional HIE Advances Population Health Management Efforts

Challenge:

Provide a dynamic timeline/matrix of a patient's relationships with providers, care team members and associated events for improved continuity of care across settings and transitions.

Solution:

The RHIO first created clean and de-duplicated patient and provider databases by using our market-leading EMPI and Provider Registry. As a result, each entity was assigned a unique identifier that could be used across the enterprise. The Relation Registry then uses information contained within standard message traffic to identify relationships between entities, regardless of their local IDs or data source. Relationships are created within the graph database, allowing for quick, easy and deep traversal across previously unconnected data. Clinical and administrative users can then see a multi-faceted view of a patient's care journey and care team.

Outcomes:

The comprehensive data connectivity enabled by the Relation Registry supports the regional HIE's vision for broader population health management efforts across their patient's entire care network.

CORE FUNCTIONALITY OF OUR GRAPH PLATFORM:

- Pluggable implementation
- Relationship-focused data modeling
- Maintains performance by localizing queries
- Agility to evolve with the data model

ATTRIBUTES THAT CAN BE TRACKED USING THE RELATION REGISTRY:

- Providers and care team members
- Location
- Insurance
- Previous visit information
- Configurable attributes

ABOUT NEXTGATE