CTI Solution Brief: Using Data to Improve Gaps in Care
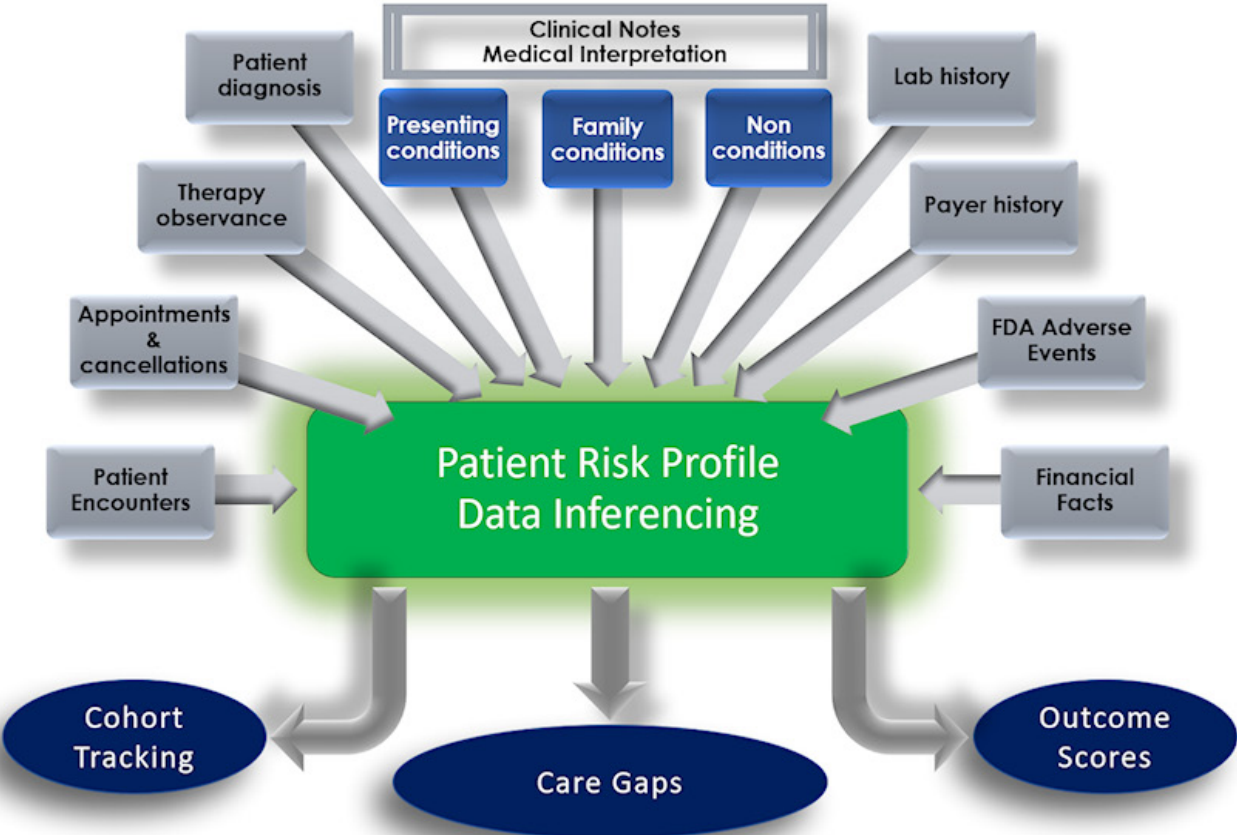
The Challenge

You already have the data, we revolutionize how to use it to close gaps in care & improve quality. Suppose you need to identify across your patients those that may have a likely diabetic risk and initiate more effective intervention program.

To do this, you need to analyze patient history and various clinical markers that portends diabetic risk, assess high-risk comorbidity issues, assess the efficacy of preventative programs using experience across other patients, assess the financial consequences of the value-based reimbursements that may result from improved health outcomes versus otherwise, and combine all of this across multiple scenarios. And then you need to act, and monitor, and adjust.

This is the world that everyone is striving to achieve. Yet can you actually perform this kind of scenario? The answer is no, and that's a big problem. But not anymore.

The Solution

Our solution integrates with your existing medical systems (and external data) to construct a patient and population risk profile for specific disease concerns. It identifies care gaps, specific cohorts to track for progress, and an outcome score to show improvement (or deterioration) over time. Equally important is the rich data regarding the population and individual patients that is accessible to population health teams, patient quality teams, and care coordinators.

The Benefits

Our approach upends struggling initiatives that attempt to organize data to deliver better patient management. The benefits are material. What if your clinical staff could easily find and use data to better:

- Identify non-compliant patients and better collaborate with your healthcare coordinators

- Identify and understand new gaps in population management

- Uncover and compare clinical variations between providers, hospitals and geographies

- Assess the risk and profitability of new value-based contracts

- Improve clinical pathways and protocols for better patient safety

- Evaluate social determinants of health for better patient outcomes

It's been said that better harnessing healthcare data is one of the most promising therapies of our time! We're making this real.

How to Get Started

It's simple. We take a subset of your data, anonymize patient details, and run it through our risk inferencing process to identify tiered risk profiles across you patients and present a scorecard to identify disease progression risk score and comorbidity disease likelihoods. The results are then available for you to assess impact

The CTI Intelligent Healthcare Data Platform

The CTI Intelligent Data Platform transforms vast amounts of healthcare data to provide compelling insights. Innovators can uncover, experiment, and collaborate on new approaches to improving the patient experience. We accomplish this by applying innovative data science, machine learning, advanced analytics, and next-generation data governance technologies to all available sources of healthcare data.

Our solutions delivered on this data platform allow healthcare organizations to know their patients better, identify untapped opportunities to improve care, and deliver incredible outcomes. CTI ensures that data is appropriately managed, secured, and governed as a reliable, trustworthy, high-value asset fueling innovative solutions and business value at scale.

About CTI

For 25 years, CTI has consistently delivered on our promise to give our clients the solutions they need to excel and improve their company's performance. We strive for amazing outcomes for our clients, team members, and communities. Our employees consistently deliver what many other companies can only claim: Data and Analytics solutions with a direct benefit to the business. We understand that our clients have choices and that their rust is earned. We partner with them to provide high-quality services at fair value. Below is a sample of our over 400 clients.

CTI

Your Data is Our Passion