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Leveraging the best-in-industry insights to power clinical and network analysis

With Innovaccer's EHR-agnostic Physician Engagement Solution

Case Study

A leading Midwest America-based ACO required actionable analytics to streamline their value-based efforts. The ACO opted for Innovaccer's healthcare data platform and deployed their analytics module, InGraph, on top of it. Using InGraph, the care teams could access a 360-degree view of their patients to find gaps in care. The analyzed insights helped the ACO build patient registries, identify opportunities, and track quality measures. As a result, the ACO was able to reduce its 30-day readmission rate to 14.1%, ED visits to 6.95%, and SNF utilization to 12%.

Overview

The amount of data in the US healthcare grows every second from disparate sources such as EHRs, lab systems, ADT feeds, claims data, and more. All these data sets hold information that is crucial to managing population health.

But without accurate analysis, even integrated and structured data is of little value. Care organizations need to uncover growth opportunities and plan the next steps accordingly. The analytics also helps them figure out the needful corrective measures to streamline processes internally.

A Midwest America-based accountable care organization faced similar issues. The huge amount of data that ACO had was leading to analysis-paralysis with an opaque view of financial and clinical performance. To get on top these issues and drive growth, the ACO deployed Innovaccer's healthcare data platform and its analytics module, InGraph.

The challenge of immense data

The ACO is spread across 70 locations of six regional chapters across Midwest America. Additionally, they had 18+ value-based contracts with over 325,000 covered lives. With over 190 participant organizations and 3,600 providers, the ACO needed analytics for:

- Aggregated and normalized patient records

- Customized reports on MSSP and GPRO measures

- Provider performance reports

- Organized work-queues and productivity monitoring for care teams

- Intelligent data segmentation for patient prioritization

- Thorough analyses of episodes, network leakages, & clinical documentation improvement

- Streamlined ad hoc reports

- Analytics that lead the way to effective population health management

Another major aim for the ACO was to gain visibility into the network. The platform could ingest multiple sources of data and generate actionable insights. This assisted providers in knowing where to focus as they plotted a roadmap to effective population health.

With Innovaccer's healthcare data platform, the organization was able to:

- Aggregate EHRs, claims, and daily ADT feeds from over 30 state and regional HIEs into single, longitudinal records.

- Create a 360-degree view of the patients, episode history, disease registries, and risk scores.

- Identify and prioritize patients with high risk by looking at:

    - Anyone with a hospital readmission
    - Three or more ED visits in the previous six months
    - Anyone with a Dx of HF or COPD
    - Anyone with 2 or more chronic diseases

- Segment patient population into rising-risk, persistent high needs, and high-risk reviewed by PCP.

- Identify gaps in care such as missed PCP visits, annual wellness visits, mammograms, and more.

- Select opportunities to track and rework GPRO and MSSP quality measures.

- Build patient registries based on different measures and characteristics.

- Analyze missed codes or down-coded measures and the dollar value associated with them.

Outcomes achieved

With a unified healthcare data platform, the ACO achieved the following outcomes:

- Streamlined the process for care management, follow-ups, and regularized visits within 2 weeks.

- Reduction in 30-day readmission rate to 14.1% compared to the national rate of 17.6%.

- Found and eliminated 40% missing patients in claims records.

- Reduced in ED visits per 1,000 patients to 6.95%.

- Reduced in SNF utilization per 1,000 patients to 12%.

- Increased cumulative total returns by 265%.

About Innovaccer

Innovaccer Inc. is a leading healthcare data platform company focused on delivering more efficient and effective healthcare by combining pioneering analytics with transparent, and accurate data. Innovaccer's aim is to simplify complex data from all points of care, streamline the information, and help organizations realize strategic goals based on key insights and predictions from their data. Its products have been deployed across more than 500 locations with over 10,000 providers leveraging it at institutions, governmental organizations, and several corporate enterprises such as Mercy ACO, StratiFi Health, UniNet Healthcare Network, Catalyst Health Network, Hartford Healthcare, and Osler Health Network. Innovaccer is based in San Francisco with offices around the United States and Asia.

For more information, please visit innovaccer.com.

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