

# From Data to Dollars: How *CHI Health Partners* Used Advanced Technology and Analytics to Generate \$5.2M in Savings while Reducing Readmissions and ED Visits

## Executive Summary



CHI Health Partners were focused on reducing readmissions and emergency visits to enhance the quality of care



Innovaccer implemented advanced analytics and population health management solutions to manage overall care management protocols



3% reduction in readmission rates



\$5.2 million in value realization over 2023



## Eliminating Data Silos to Optimize Clinical Operations

The organization identified several challenges to address, fragmented data across multiple systems which resulted in inefficient clinical workflows, high readmission rates, and care gaps. These issues hindered a unified view of patient data and affected the overall quality of care.

To address these challenges and improve patient outcomes, CHI Health Partners aimed to consolidate point solutions into a unified platform, enhance clinical workflow visibility and efficiency, and improve patient experiences through improved data management.

CHI Health Partners leveraged Innovaccer's Platform and robust suite of analytics applications including Care Management Solution to gain insight into primary and preventive care performance. With data-driven insights, CHI Health was able to provide comprehensive patient care, address medication adherence, and ensure timely follow-ups.

Recognizing the urgent need to reduce readmissions and manage post-ED spending, CHI Health Partners also implemented dedicated follow-up protocols for emergency department visits. This involved sharing patient discharge information automatically to facilitate the seamless initiation of transitional care services by care teams.

By leveraging bidirectional EHR capabilities, CHI Health Partners streamlined workflows and reduced administrative burdens, integrating critical information directly into patient records.

## CHI Health At-a-Glance

Part of the Catholic Health Initiatives (CHI) network, providing data-driven, coordinated care.

Includes 14 hospitals, 2 behavioral care facilities, and 150+ physician practices with 2,820 licensed beds.

Employs 12,500 healthcare professionals, including 4,122 physicians and clinicians.

Functions as the Midwest division of CommonSpirit Health.

Awarded the 2023 Healthgrades Outstanding Patient Experience Award at CHI Health Creighton University Medical Center - Bergan Mercy.

Serves 200,000+ patients across Nebraska, Southwest Iowa, Minnesota, and North Dakota.

"At CHI Health, we're committed to creating healthier communities and ensuring access to exceptional patient care. Partnering with Innovaccer aligns perfectly with this vision, as they share our commitment to accelerating healthcare innovation and transformation through data-driven strategies. Enabling end-to-end healthcare data integration is the crucial first step. The Innovaccer platform helps us access accurate, complete, and timely data from all relevant sources to generate actionable insights and intelligent workflows to manage our protocols. Together, we're entering a new era of healthcare, where data and technology empower us to deliver patient-centered, value-based, equitable care."



**Dr. Henry Sakowski,**  
Senior Medical Director, CHI Health Partners

## Data-Driven Approach to Reducing Readmissions and Enhancing Patient Outcomes

CHI Health Partners implemented a comprehensive, data-driven care management strategy to create a holistic view of cost, utilization, specialty, risk, and quality data, consolidating primary care provider applications into one unified patient record. The initiative improved post-discharge patient outreach and transitional care and helped to achieve data readiness for improved care outcomes.

By leveraging Innovaccer's care management solution, CHI Health Partners unified patient data into longitudinal records, enabling care teams to identify high-risk patients and streamline workflows. The platform's data-driven and automated TCM protocols helped to reduce readmission rates, improve patient satisfaction, and achieve significant cost savings.

With capabilities such as automated alerts for care teams, ensuring prompt patient outreach and follow-up, and a 360-degree view of patient information, Innovaccer's solution enhances care coordination and supports better decision-making.

The initiatives led CHI Health Partners to significantly improve patient care and operational efficiency, resulting in a total value realization of \$5.2M, with \$5,681,290 annualized value realized through ED and transition protocols, which highlights the significant ROI achieved through targeted strategies.

## Efficiency and Financial Benefits

\$5,681,290 annualized value realized through ED and transition protocols.

Realized \$5.2M in value through the emergency department and transitional care management

Managing costs post-ED visits created \$4.4M in cost savings across all lines of business.

Reducing 30-day readmissions in the commercial population by 3% led to \$796K in value.

Medicare patients with successful ED protocols had a \$1,185 reduction in their expected total cost of care in the month following the intervention.

The Innovaccer healthcare data platform enables CHI Health Partners to effectively manage transitional care management (TCM) and ED visits post-care by integrating data from various sources into a unified patient record. This comprehensive data integration allows care teams to identify high-risk patients, streamline care transitions, and ensure timely follow-ups, reducing the likelihood of readmissions.

With predictive analytics and automated workflows, the platform facilitates targeted interventions and continuous patient monitoring, thereby enhancing care coordination and outcomes.

### About Innovaccer

Innovaccer is the data platform that accelerates care innovation through innovative AI technologies. Innovaccer's AI-powered healthcare platform unifies patient data across systems and care settings, and empowers healthcare organizations with scalable, modern applications that improve clinical, financial, operational, and experiential outcomes. Innovaccer's EHR-agnostic solutions have been deployed across more than 1,600 hospitals and clinics in the US, enabling care delivery transformation for more than 96,000 clinicians, and helping providers work collaboratively with payers and life sciences companies. Innovaccer has helped its customers unify health records for more than 54 million people and generate over \$1.5 billion in cumulative cost savings. The Innovaccer platform is an industry-leading data and analytics platform, the Best in KLAS CRM solution, and the #1 rated population health technology platform by Black Book.

For more information, please visit [innovaccer.com](https://innovaccer.com).

### Awards and Recognitions

