jvion

Mercy Medical Center Lowers Rates of
All-Cause Readmissions by 20+%
and Avoids $4M+ in Costs

Mercy Medical Center

Mercy Medical Center (Mercy), part of the Sisters of Charity Health System, is a 476-bed hospital serving Southeastern Ohio. Mercy is also part of the NewHealth Collaborative, Summa Health System's Accountable Care Organization.

RESULTS

- Sustained **20 percent** drop in readmission rates over the course of 18 months (average of approximately 70 readmissions per month)
- More than **$4M** in avoided costs
- **Expansion** of Jvion Machine utilization to focus on additional vectors

> "Over the last 18 months, we have seen a 20 percent drop in readmission rates attributed to the implementation of the Jvion Machine. We have realized more than $4M in avoided costs because of the actions taken by our caregivers to lower readmission rates. That is money that we can reinvest in our communities and our hospital to further improve care.

- Paul Hiltz, Chief Executive Officer

jvion Prescriptive Analytics for Preventable Harm

jvion.com

Mercy Deploys the Jvion Machine to Innovative Its Approaches to Care and Quality

As one of the preeminent providers leading the industry in artificial intelligence (AI) adoption, Mercy Medical is effectively leveraging Jvion's AI-enabled technology to optimize patient care and lower the incidence of avoidable events.

Jvion's outputs are integrated directly into Mercy's EHR and current clinical workflows. Bedside nurses and care coordinators tap the machine's insights to inform discharge and care planning activities. This includes a patient's risk, the clinical and non-clinical factors driving that risk, and the specific actions that will help reduce the risk of an avoidable adverse event.

"Empowering our nurses with the information they need to better focus and coordinate efforts helps improve care quality and the satisfaction of our nursing staff," said Barbara Yingling, RN, Chief Nursing Officer for

Mercy Medical Center. "The implementation of the Jvion Machine is contributing to enhanced communication across our teams while focusing the right care to the right patients at the right time."

Building on the success realized with all-cause readmissions, Mercy plans to expand the application of the Jvion Machine to drive down rates of no-show appointment within their ambulatory clinics, further optimizing patient discharge, and driving preventative care for Mercy Medical Center's employees.

Explore Further

Covered In

Disruptor Daily
AI In Healthcare Use Case #39: Jvion

Beckers Hospital Review
Ohio hospital uses AI tool to cut readmissions by 20%

Press Release

Jvion Online
Mercy Medical Center Lowers Rates of Readmissions by More Than 20% Using Jvion's Cognitive Machine