

# Midwestern Health System Increases Malnutrition Capture and Helps Patients Receive Care 2.5 Days Earlier

## KEY RESULTS



### \$2.7M

in projected annualized reimbursement



### 2.5

days faster to nutrition care for patients at risk of malnutrition



### 13%

increase in malnutrition code capture



### ~5%

reduction in ICU duration for patients who received earlier care



## THE CHALLENGE

### Underdocumenting malnutrition across the system

The Midwestern health system recognized that malnutrition was significantly underdocumented and undercaptured across its facilities. Historical capture rates hovered around 10%, even though an estimated 20–30% of hospitalized patients experience malnutrition. Without a consistent way to identify high-risk patients, dietitians were left to manually review charts, and patients **waited an average of nearly six days after admission** for their first nutrition assessment.

The health system needed a way to identify at-risk patients earlier and close the loop among dietitians, physicians, and downstream clinical documentation integrity teams.

## About the Midwestern Health System

This large, nonprofit Midwestern health system serves communities across the region through an extensive network of hospitals and care sites. With more than 100,000 adult inpatient discharges annually, the organization is focused on improving care quality, operational efficiency, and the patient experience across the continuum of care.

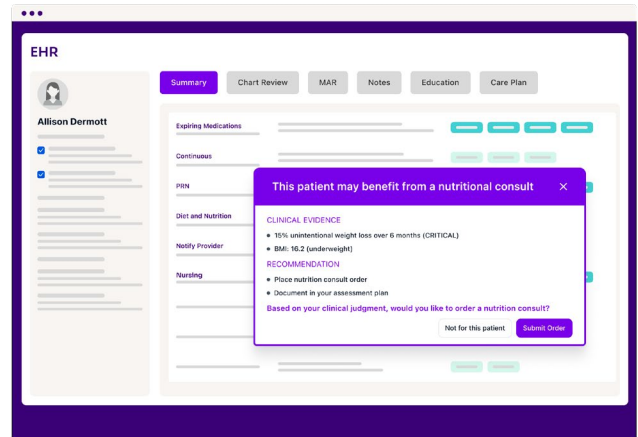


## THE GOALS

# Midwestern Health System + Qventus partnership goals

The Midwestern Health System partnered with Qventus to identify patients at risk of malnutrition earlier, accelerate nutrition care, and improve documentation accuracy. The health system's specific goals were:

1. Identify patients at risk of malnutrition earlier so they can receive timely nutrition care
2. Improve documentation completeness and specificity to support accurate coding



## THE SOLUTION

# Qventus' Malnutrition Care Automation Solution

The health system deployed Qventus' Malnutrition Care Automation, part of the Care Gap and Coding Automation Suite, to identify at-risk patients earlier, orchestrate timely nutrition care, and improve the completeness and specificity of clinical documentation. The partnership delivered measurable results:

- Patients are being evaluated by a dietitian earlier, receiving nutrition care 2.5 days earlier than before implementation.
- Average ICU duration decreased by 4.7%, equivalent to 0.4 fewer days per ICU patient.
- Malnutrition code capture increased by 13%, putting the health system on track to generate \$2.7 million in annualized reimbursement.

The results demonstrate the impact of connecting earlier identification with coordinated care and complete documentation. Patients receive needed interventions sooner, care teams spend less time searching in the chart, and the health system improves both clinical and financial outcomes.

## Qventus Malnutrition Care Automation AI Assistants:

- **Condition Detection Assistant**  
Ingests structured and unstructured data in real-time to identify patients at-risk for malnutrition.
- **Care Gap Assistant**  
Pre-populates an order for a nutrition consult and prompts the provider within their workflow to sign off. It also surfaces intelligence into the dietitian's worklist for better context as they prepare for evaluations.
- **Coding and Documentation Assistant**  
Ensures appropriate capture of clinical complexity in documentation to support accurate MCC/CC capture, improving reimbursement and quality metrics.
- **Impact Assistant**  
Qventus analytics provide visibility into provider response rate, condition capture lift, revenue gains, and detailed evidence to support audits and reduce denials.

Learn how you can automate your operations today at [qventus.com](https://qventus.com)

