

NWMS Achieves 81% Increase in
Palliative and Hospice Care Referrals,
68% Increase in Depression Screenings,
and 80% Increase in Case Management
Evaluations

CLIENT PROFILE

Northwest Medical Specialties in Collaboration with Cardinal Health

Northwest Medical Specialties (NWMS), located in the area of Tacoma, Wash. is a 6-site practice dedicated to providing compassionate, high quality and cost-effective medical services to patients with serious infections, malignancies and immune disorders. NWMS's innovative approach to treatment led them to explore new technologies to improve patient care for their over 1,700 new oncology cases per year.

RESULTS

- **81%** Increase in hospice referrals and palliative care referrals
- **33%** Reduction in moderate and severe pain
- **68%** increase in depression screenings
- **22%** increase in depression diagnoses
- **80%** increase in case management evaluations
- **30%** Reduction in loss of function/ADLs

“ Not only has NWMS realized impressive results from the Cognitive Machine, but we have also set the stage to achieve healthcare's [Quadruple Aim](#). With Jvion's AI, we are driving high-quality cancer care that is patient-centered, outcomes focused, and cost effective while reducing the cognitive burden placed on our caregivers. The machine is helping us to drive the better utilization of resources through a more targeted focus on high-risk patients, which has also helped improve morale and improve outcomes. ”

- Dr. Sibel Blau, Physician Champion and Lead Oncologist for NWMS

OVERVIEW

Northwest Medical Specialties Teams with Jvion to Achieve Quadruple Aim in Oncology

Through a unique collaboration between Cardinal Health and Jvion, powerful and proven Artificial Intelligence (AI) technology is being made available to oncology practices across the United States. Northwest Medical Specialties (NWMS) is one of the initial sites implementing the solution, driving better care, smarter spending, and improved outcomes.

The initial phase of the project focuses on actioning 30-day mortality insights from the Jvion Machine. Applied across NWMS's 6 locations and 1,700 annual oncology cases, the Jvion Machine delivers a prioritized list of patients that includes current 30-day mortality risk, the clinical and non-clinical factors driving the risk, and recommended actions for each individual. The Patient Care Coordinators review the list, focus on patients who require more urgent care, and action the recommendations delivered by the Machine.

Current efforts are driving the Jvion Machine to lower rates of mortality, improve pain management, prevent avoidable deterioration, better identify and treat depression, prevent avoidable readmissions, and lower rates of avoidable inpatient admissions and ED visits. To date, NWMS has improved the use of pain agents, improved palliative and hospice referrals by as much as 81%, driven a 68% increase in depression screenings, and realized an 80% increase in case management evaluations. The Jvion Machine also identified patients at risk of 30-day mortality who would otherwise have been missed by conventional approaches, and led to more timely and meaningful end-of-life care conversations and better utilization of acute care resources.

Explore Further

Covered In

OBR Oncology

[Tapping Artificial Intelligence to Deliver Value-Based Care in Oncology](#)

Journal of Clinical Pathways

[Artificial Intelligence Pilots in Community Oncology Yield Promising Results](#)

Healio

[Artificial intelligence increasing in community oncology, but cannot replace physicians](#)

Podcast

Jvion Online

[Cancer Care Driven by AI](#)

Testimonial

Jvion Online

[Northwest Medical Specialties Applies the Jvion Machine to Drive Patient-centered Care within Oncology](#)

Press Release

Jvion Online

[Through Collaboration between Jvion and Cardinal Health, Northwest Medical Specialties Applies Cognitive Machine to Achieve the Quadruple Aim in Oncology](#)