

Avante Group lowers patient readmission rates and increases revenue through innovative machine-learning platform

RESULTS:

52% reduction
in short-stay rehospitalization rates

32% increase
in resident days, year on year

\$184K in retained revenue
in the first two months

Florida-based Avante Group Inc. specializes in skilled nursing, assisted living, rehabilitation, and post-acute care services – united under the mantra “Serve. Care. Heal.” The organization’s sole mission is to improve the quality of life and care for seniors, achieved through a balance of personalized care and cutting-edge technologies and treatments.

Facing hospital readmission challenges to residents and revenue

Like any skilled nursing facility, Avante’s referral partnerships with hospitals, accountable care organizations, and payer networks depend significantly on low patient readmission rates. In addition to correlating with resident satisfaction, these rates ultimately impact the organization’s bottom line – with poor performance resulting in payment reductions and penalties as well as fewer referrals over time.

“ We absolutely recommend SAIVA. From a clinical standpoint, it helps us to treat residents in place and proactively identify risks to reduce bounce backs to a hospital. That reduces stress not only for the patient, but their family and our care staff, which fully supports our mission to ‘Serve. Care. Heal.’ ”

*– Kim Biegasiewicz
VP Clinical Services, Avante Group Inc.*

Avante leadership struggled with disparate data sources that ultimately clouded the big picture view of the company’s readmission performance and trends across locations – relying on clinicians to manually pull and manage resident reports. Combined with limited tools to proactively identify patients at risk for rehospitalization and intervene prior to the patient’s condition becoming acute, Avante turned to SAIVA for help aggregating its high volume of patient data.

Solving through real-time machine learning

Working closely with the SAIVA team, Avante was able to leverage the machine learning platform to unify and analyze myriad patient data points plus automate customized reports. This streamlined insight has allowed the organization to better implement and manage resident plans of care, and ultimately, proactively identify residents at risk for rehospitalization and acute changes of condition.

“When you break down what SAIVA does, it really empowers us to realize our mission of ‘Serve. Care. Heal,’” says Tricia Robinson, Avante CEO & President. “It puts daily, real-time data at our clinician’s fingertips to facilitate early detection, quick treatment for residents, and healing in place within the skilled nursing facility setting.”

Additionally, robust reports enable Avante leadership to identify trends both enterprise-wide and by facility. Pinpointing spikes or reductions in return-to-hospital incidents have proved useful both for success measuring, identifying training opportunities, and long-term strategic planning.

Realizing win-win patient and facility results

With SAIVA in place, Avante has been able to measurably improve patient care while streamlining day-to-day operations for staff. Within the first two months of full implementation across the enterprise, Avante saw a decrease in short-stay rehospitalizations of 52% – representing \$184,000 in retained revenue.

“With a more comprehensive understanding of the treatment plans in place, we are keeping residents in one setting, so care is more consistent and constructive – allowing for better-quality outcomes and, ideally, contributing to a successful discharge home for more of our patients,” says Kim Biegasiewicz, Avante VP of Clinical Services.

“What’s more, our program has been a great marketing tool when talking to physicians, hospitals, and case managers,” Robinson says. “They’re excited to see we’re innovative in how we’re providing care. Even through the impact of the COVID-19 crisis, we’ve seen a more consistent census.”

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• “When using SAIVA, our nurses
• don’t have to log into any system
• besides our own EHR. SAIVA’s
• artificial intelligence algorithm uses
• existing EHR data to produce the
• risk reports so we don’t have to
• do any extra work.”

• – Kim Biegasiewicz
• VP Clinical Services, Avante Group Inc.

ABOUT SAIVA

SAIVA uses artificial intelligence to improve outcomes and unnecessary hospitalizations by identifying your patients most at risk for near-term decline.