

PRISMA HEALTH-UPSTATE AND CAROLINA CARDIOLOGY CONSULTANTS

Improving Heart Failure Patient Care

Carolina Cardiology Consultants, an affiliate of Prisma Health, wanted to improve how they support patients using the HeartLogic™ diagnostic available in Vigilant™, Momentum™, Perciva™ and the Resonate™ family of high-voltage devices.

As a high-performing cardiology practice, there were key elements in place to enable even greater success for the heart failure and electrophysiology services:

- High-level of collaboration and communication
- Evidence-based decision making
- Patient- centered care model
- Impressive quality performance

+ CHALLENGE

The practice recognized there was room for improvement. A breadth of physicians had primary responsibility for patients with worsening heart failure symptoms. This created inefficiencies and limited potential to leverage the dedicated heart failure care team's expertise with the HeartLogic technology. The practice wanted to enable advanced practice providers (APPs) to work to the top of their license and engage the heart failure team when appropriate to manage HeartLogic alerts.

A Boston Scientific team with expertise in HeartLogic, LATITUDE™ and workflow redesign worked closely with the cardiovascular team to:

- Identify challenges with current heart failure and device remote monitoring processes
- Collaborate on a new workflow to predict potential heart failure events weeks in advance¹
- Develop selection criteria for patients who would benefit from HeartLogic
- Reveal an implantable cardiovascular physiologic monitoring (ICPM) billing opportunity²

+ ACTION

The HeartLogic Implementation Program helps maximize the benefits of HeartLogic by facilitating a rapid workflow redesign across cardiovascular care teams to realize the clinical and economic value of proactive care for heart failure patients.

The Boston Scientific team conducted 15 interviews and observed current workflow. They held a two-hour workshop to design a new workflow with heart failure cardiologists, electrophysiologists, general cardiologists, nurses, administrative staff, and the cardiovascular service line leadership. The onsite work concluded with a LATITUDE reconfiguration session to support the frontline staff.



About Prisma Health and Carolina Cardiology Consultants

Prisma Health (formerly Greenville Health System and Palmetto Health) is the largest not-for-profit health organization in South Carolina, serving more than 1.2 million patients annually.

Carolina Cardiology Consultants is an affiliate of the Heart & Vascular Institute of Prisma Health. Its physicians serve as medical directors for the health system's cardiology services.

¹Boehmer JP, Hariharan R, Devecchi FG, et al. A Multisensor algorithm predicts heart failure events in patients with implanted devices: results from the MultiSENSE study. JACC Heart Fail. 2017 Mar;5(3):216-25. <https://www.bostonscientific.com/en-US/medical-specialties/electrophysiology/heartlogic-heart-failure-diagnostic.html>

²ICPM Guide <https://www.bostonscientific.com/en-US/reimbursement/rhythm-management.html>

Following the workshop, the practice initiated key actions including:

Remote Monitoring	Device Selection	Quality Performance
<ul style="list-style-type: none">Shift HeartLogic monitoring responsibilities from physicians to APPs (with protocol for escalation).Improve LATITUDE™ access, training and configuration support for ease of use.Optimize ICPM billing for monitoring in alignment with documentation and coding guidelines.	<ul style="list-style-type: none">Strengthen the shared care model across the cardiology practice in managing heart failureDevelop device selection criteria and communication process via the EMR.	<ul style="list-style-type: none">Evaluate heart failure admissions, readmissions and length of stay over the last year.Report of initial findings indicate decrease in admissions.

+ RESULTS*

After the two-day visit, the Boston Scientific team continued to work with the practice supporting the action plan and providing a program performance update at 30, 60 and 90 days. The results of the HeartLogic Implementation Program include:



Based on the results of this engagement, the cardiovascular service line leader recommended the HeartLogic Implementation Program to a colleague within Prisma Health.

"All things being equal between devices, we would prefer the Boston Scientific HeartLogic enabled devices. We appreciate Boston Scientific educating the cardiology team including HFS and EPs on the technology."

Jason Guichard, M.D., PH.D., Heart Failure Cardiologist

"The Boston Scientific team was great at evaluating workflows and making efficient suggestions in areas of opportunity."

Sarah Matthews, N.P.

* If monthly implantable cardiovascular physiologic monitor (ICPM) billing occurs for HeartLogic patients.



LEARN MORE

about the HeartLogic Implementation Program at [bostonscientific.com/en-US/cardiovascular-resources](https://www.bostonscientific.com/en-US/cardiovascular-resources)

Boston Scientific offers insightful healthcare solutions to help meet your goals. Our team of clinical and operational experts listens to your cardiovascular healthcare challenges and offers a tailored, collaborative approach to solving them.



Improve Financial Health



Enhance Patient Experience



Build Staff Engagement



Strengthen Quality Outcomes



Increase Operational Efficiencies

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