Partnering in data-driven innovation with Miami Cardiac & Vascular Institute

At a glance
- 11-hospital network
- 125,000 patients per year
- 11 heart services offered
- 7 vascular services offered
- Centralized enterprise deployment of Philips Cardiology Informatics
- Cerner electronic health records

Key clinical metrics
Miami Cardiac & Vascular Institute monitors over 100 clinical metrics on a monthly basis. The metrics are grouped into four categories:
- Quality
- Financial
- Throughput
- Supply management

A culture of collaboration
Miami Cardiac & Vascular Institute at Baptist Health South Florida was founded on a commitment to less invasive therapy, multidisciplinary team care and transparency. It provides integrated, patient-centered cardiac and vascular care with a focus on minimally invasive procedures. “To build a strong, collaborative team requires rethinking the way clinical specialties work together. We’ve taken great steps to break down silos across the health system,” says Carol Melvin, Chief Operating Officer at the institute.

Putting data first puts patients first
“The primary reason we are successful in running this volume is because we take a data-first approach,” Melvin says. “One method to building strong teams
benchmark it against other facilities. The data revealed that they had bottlenecks. They were able to take steps to get patients ready in a more timely way without impacting the quality of care. “We used to do two TAVR procedures a day, now we do three by 3:00 pm.”

**Faster diagnosis**

Detailed clinical findings in Philips IntelliSpace Cardiovascular can also be queried and analyzed. Structured reports for echocardiograms can be searched to find the number of patients who have significant aortic stenosis. “IntelliSpace Cardiovascular helps physicians’ workflows so they can make faster diagnostic decisions based on insights and accomplish their treatment and diagnostic tasks in one system,” Melvin says.

**Finding solutions together**

“Data must be usable, accurate and actionable,” explains Melvin. “That leads to better efficiencies and better patient care.” At the institute, teams start by understanding data first and use that to guide solutions, rather than invest in equipment and then try to understand the data. “Philips fine-tunes solutions for each healthcare enterprise. They understand the care we’re providing and have incredible cardiology solutions not being addressed by other vendors. That allows us to be nimble.” Partnering with Philips, the institute’s approach to data usage and governance is key to their future growth and their primary mission: improving the patient experience, better health outcomes, improved staff experience and lower cost of healthcare.