

John C. Lincoln Medical Center is the First in Arizona to Offer Patients a New Heart Failure Monitoring Solution

Phoenix — (May 27, 2015) — HonorHealth John C. Lincoln Medical Center is the first facility in Arizona to implant a new miniaturized, wireless monitoring sensor to manage heart failure.

The new system allows patients to transmit daily sensor readings from their homes to their healthcare providers allowing for ease, personalization and proactive management to reduce the likelihood of hospitalization.

The CardioMEMS System is the first and only FDA-approved heart failure monitoring device that has been proven to significantly reduce hospital admissions when used by physicians to manage heart failure. It features a sensor that is implanted in the patient's pulmonary artery (PA) during a non-surgical procedure to directly measure PA pressure. Increased PA pressures appear before weight and blood pressure changes, which are often used as indirect measures of worsening heart failure.

"We are proud to be the first in Arizona to utilize this innovative technology, and its ability to treat and improve outcomes for heart failure patients," said Mark Seifert, MD. "We're already seeing reduced hospital readmissions due to heart failure among patients who have CardioMEMS. This is a benefit to the patient, community and the hospital – heart failure costs the nation an estimated \$32 billion per year."

Heart failure occurs when the heart is unable to pump enough blood to meet the body's demands. According to the Centers for Disease Control and Prevention, more than 5.1 million Americans have heart failure, with 670,000 new cases diagnosed each year. Patients with heart failure are frequently hospitalized, have a reduced quality of life and face a higher risk of death.

The CardioMEMS sensor is designed to last the lifetime of the patient and doesn't require batteries. Once implanted, the wireless sensor sends pressure readings to an external patient electronic system. There is no pain or sensation for the patient during the readings.

Jill Berger, a 66-year-old Peoria resident, has been hospitalized three times in the past year due to heart failure. "I'm feeling great, and have great peace of mind about my health with this system in place," she said.

Data from a clinical trial showed that the CardioMEMS technology reduces heart failure hospital admissions by up to 37 percent. The CHAMPION trial studied the effectiveness of the CardioMEMS HF System in New York Heart Association (NYHA) Functional Classification System class III heart failure patients who had been hospitalized for heart failure in the previous 12 months.

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HonorHealth was formed by a merger between Scottsdale Healthcare and John C. Lincoln Health Network. HonorHealth's mission is to improve the health and well-being of those we serve. The healthcare system encompasses:

Five acute care hospitals:

- Deer Valley Medical Center.
- John C. Lincoln Medical Center.
- Scottsdale Shea Medical Center.
- Scottsdale Thompson Peak Medical Center.
- Scottsdale Osborn Medical Center.

Specialized patient care:

- Breast Health and Research Center.
- Greenbaum Specialty Surgical Hospital.
- HonorHealth Medical Group.
- Piper Surgery Center.
- Research Institute.
- Sonoran Health and Emergency Center.
- Virginia G. Piper Cancer Center.
- Virginia G. Piper Pediatric Center of Excellence - Children's Emergency.
- Extensive specialty care physician practices, outpatient treatment and surgery centers, medical imaging and much more.

Foundations and community services:

- Adult Day Care.
- Children's Dental Clinic.
- Community Health Center.
- Desert Mission Food Bank.
- John C. Lincoln Health Foundation.
- Lincoln Learning Center.
- Marley House Behavioral Health Clinic.
- Neighborhood Outreach and Access to Health.
- Scottsdale Healthcare Foundation.

Together, we can make quality care more personal and accessible. Learn more at HonorHealth.com.