



LEARNING ABOUT THE CARDIOMEMS™ HF SYSTEM

FREQUENTLY ASKED QUESTIONS

WHAT IS THE CARDIOMEMS HF SYSTEM?

The CardioMEMS™ HF System is the leading remote heart failure (HF) monitoring system that enables earlier and more proactive treatment to slow down your heart failure progression and keep you out of the hospital.¹

HOW DOES THE CARDIOMEMS HF SYSTEM HELP A HEART FAILURE PATIENT?

Changes in pulmonary artery (PA) pressures are an early indicator of worsening heart failure. This can occur even before you notice symptoms such as shortness of breath or weight gain.

The CardioMEMS HF System comes with an electronics unit used to take daily measurements of PA pressures at home, on vacation or wherever you are. These PA pressure readings are sent wirelessly to a secure website that your care team can access. Your care team regularly reviews the information and contacts you if changes to your medications or treatment plan are necessary.

HOW IS THE CARDIOMEMS™ PA SENSOR IMPLANTED?

The CardioMEMS™ PA Sensor is inserted into the PA during a right heart catheterization procedure.

The doctor will make a small incision and insert a device called a catheter into either a vein in your neck or groin. Using a fluoroscope (a type of X-ray) to visually guide the placement of the device, the doctor will thread the catheter through the body to the heart and into the PA. Once the catheter is in the correct position, the sensor is released into the artery, where it remains permanently. You may feel some mild discomfort at the access site

during recovery, but you should be able to return to normal activities soon after the procedure.

HOW LONG DOES THE CARDIOMEMS PA SENSOR LAST?

The PA sensor does not need a battery or replaceable parts and is designed for permanent implantation.

CAN A MAGNETIC RESONANCE IMAGING (MRI) SCAN BE DONE WITH THE PA SENSOR?

You can have an MRI scan under certain conditions. Talk with the doctor ordering the MRI scan to ensure that they know that you have a CardioMEMS PA Sensor.

WILL THE PA SENSOR INTERFERE WITH A PACEMAKER OR AN IMPLANTABLE CARDIOVERTER DEFIBRILLATOR (ICD)?

No, the PA sensor will not interfere with a pacemaker or an ICD, even when a reading is being taken.

WILL THE HOME ELECTRONICS SYSTEM INTERFERE WITH A PACEMAKER OR AN ICD?

It is unlikely that the home electronics system will interfere with a pacemaker or an ICD when a reading is being taken.

CAN YOU TRAVEL WITH THE CARDIOMEMS™ HF SYSTEM?

Yes, you can travel with the CardioMEMS™ HF System. The home electronics system can be packed in its carrying case and checked as luggage. The PA sensor should not alert airport security when you pass through the security checkpoint. A travel letter is available to address any concerns that may arise when traveling with your home electronics system. Visit www.StayAheadofHF.com to learn more about traveling with your system and to download the travel letter.

IS THE PROCEDURE COVERED BY HEALTH INSURANCE OR MEDICARE‡?

The procedure may be covered by health insurance or Medicare‡. After determining that you are a candidate, your care team can help explain your coverage options.

WHERE CAN I FIND OUT WHAT IT IS LIKE TO LIVE WITH THE CARDIOMEMS HF SYSTEM FROM PEOPLE WHO HAVE BEEN IMPLANTED?

Sometimes, after consulting with your doctor, that firsthand connection is exactly what you need to confidently make the next decision about your care. Patient ambassadors are volunteers who are ready to share their real-life experiences with heart failure and answer questions about their experiences with the CardioMEMS HF System.

Visit www.StayAheadofHF.com to view some of their stories and find information on how to connect.

WHERE CAN I GO TO FIND OUT MORE INFORMATION ON HEART FAILURE?

Visit www.StayAheadofHF.com for more information on heart failure and the CardioMEMS HF System.

1. Abraham WT, Stevenson L, Bourge RC, et al. Sustained efficacy of pulmonary artery pressure to guide adjustment of chronic heart failure therapy: Complete follow-up results from the CHAMPION randomized trial. *The Lancet*. 2016;387(10017):453-461. doi:10.1016/S0140-6736(15)00723-0.

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Brief Summary: Prior to using these devices, please review the Instructions for Use for a complete listing of indications, contraindications, warnings, precautions, potential adverse events and directions for use.

CardioMEMS™ HF System Indications and Usage: The CardioMEMS™ HF System is indicated for wirelessly measuring and monitoring pulmonary artery pressure and heart rate in NYHA Class II or III heart failure patients who either have been hospitalized for heart failure in the previous year and/or have elevated natriuretic peptides. The hemodynamic data are used by physicians for heart failure management with the goal of controlling pulmonary artery pressures and reducing heart failure hospitalizations.

CardioMEMS™ HF System Contraindications: The CardioMEMS HF System is contraindicated for patients with an inability to take dual antiplatelet or anticoagulants for one month post implant.

CardioMEMS™ HF System Potential Adverse Events: Potential adverse events associated with the implantation procedure include, but are not limited to, the following: air embolism, allergic reaction, infection, delayed wound healing, arrhythmias, bleeding, hemoptysis, hematoma, nausea, cerebrovascular accident, thrombus, cardiovascular injury, myocardial infarction, death, embolization, thermal burn, cardiac perforation, pneumothorax, thoracic duct injury and hemothorax.

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