



## Heart Failure – Remote Monitoring (CardioMEMS™)

Last Revision/Review Date: November 14, 2018

P&P # C.6.23

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### A. Documentation Required:

To facilitate the authorization process referral requests must include **ALL** the following:

1. Imaging results and documentation of inpatient hospitalization within the past year with diagnosis of heart failure.
2. Last physical assessment with order for the CardioMEMS HF is from a Board Certified Cardiologist and available for review.

### B. Criteria for Medical Necessity:

CardioMEMS HF System, as a remote monitoring device for heart failure patients is considered medically necessary if **ALL** the following criteria are met:

1. Diagnosis of NYHA Class III heart failure;
2. Inpatient hospitalization within the last 12 months for a diagnosis of heart failure;
3. Medically stable for outpatient surgery;
4. Ability to be compliant with downloading instructions;
5. Ordered by a Board-Certified Cardiologist who has performed an evaluation;

**NOTE:** Coverage is limited to one device per lifetime and two downloads per month.

### C. Indications Considered Experimental, Investigational or not Medically Necessary: *(Not all-inclusive)*

1. NYHA Class I, II or IV heart failure
2. Unclassified heart failure
3. Inability to comply with downloading instructions
4. Institutionalized (SNF resident)
5. Replacement of device
6. Smokers must document complete smoking cessation with appropriate test

**CPT/HCPCS CODES:**

93451	Right heart catheterization including measurement(s) of oxygen saturation and cardiac output, when performed
93799	Cardiovascular procedure
C9741	Right heart catheterization with implantation of wireless pressure sensor in the pulmonary artery, including any type of measurement, angiography, imaging supervision, interpretation and report. (Implant pressure sensor with angio)
C2624	Implantable wireless pulmonary artery pressure sensor with delivery catheter, including all system components (Wireless pressure sensor)

**REFERENCES:**

CardioMEMS Heart Failure Remote Monitoring Device, Technology Brief. The Advisory Board Company. March 2015. pp 1-16.

CardioMEMS Technology Fact Sheet, St. Jude Medical. N.p., n.d. Web. Oct 8, 2014.

US Department of Health and Human Resources, FDA. RE:CardioMEMS HF System. May 28, 2014. 2015 St. Jude Medical Reimbursement Guide. CardioMEMS HF System. January 1, 2015.

Remote Cardiac Monitoring, Hayes, Inc. Web. October 22, 2015.

Wireless Pulmonary Artery Pressure Monitoring with CardioMEMS HF System (St. Jude Medical Inc.) for Management of Chronic Heart Failure, Hayes Health Technology Brief. Published November 22, 2016

Heart Failure Fact Sheet. Division for Heart Disease and Stroke Prevention. Centers for Disease Control and Prevention. Dec 3, 2013.