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# Implantable Wireless Pulmonary Pressure Monitor Policy - CardioMEMS<sup>TM</sup>

## **Indication/Usage:**

The CardioMEMS<sup>TM</sup> HF System provides pulmonary artery (PA) pressure remote monitoring using a small sensor. Permanently implanted in the distal pulmonary artery via a safe right heart catheterization procedure, the sensor measures changes in pulmonary artery pressure. These changes are a surrogate measure for fluid retention in the lungs caused by worsening heart failure.

Patient-initiated sensor readings, taken daily from their homes, are wirelessly transmitted to a secure website for clinicians to access and review. Directly monitoring PA pressure not only alerts you if a patient's heart failure is worsening, but it also allows you to intervene earlier, adjusting medication or making other treatment changes, often before a patient experiences any symptoms.

Patients who most commonly receive the CardioMEMS HF System are those on guideline directed medical therapy (GDMT) and those who exhibit any of the following:

- Fluid volumes that are hard to know or manage
- Challenging physical assessment
- Is a patient with HFpEF or HFrEF
- Compliant with heart failure medical care
- Would benefit from remote monitoring if they live far from a clinic

### Medical Indications for Authorization Commercial and Medicare Members

SummaCare considers CardioMEMS (implantable wireless pulmonary artery pressure monitor) experimental and investigational for all indications due insufficient evidence of safety and efficacy.

### CPT code

93264 remote monitoring code for CardioMEMS

There is currently no NCD or LCD per CMS

#### Limitations

CardioMEMS is used for hemodynamic monitoring is pulmonary artery (PA) catheters and central venous pressure catheters. They are invasive and inconsistent in predicting fluid responsiveness.

## **Coverage Decisions**

Coverage decisions made per CMS, Hayes and industry standards research

## **Plans Covered By This Policy**

Commercial and Medicare

Considered experimental and investigational for all lines of business

## **Sources Reviewed**

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