

Policy: MP141

Section: Medical Benefit Policy

Subject: Biventricular Pacemaker/Cardiac Resynchronization Therapy

Applicable Lines of Business

Commercial	X	CHIP	X
Medicare	X	ACA	X
Medicaid	X		

I. Policy: Biventricular Pacemaker/Cardiac Resynchronization Therapy

II. Purpose/Objective:

To provide a policy of coverage regarding Biventricular Pacemaker/Cardiac Resynchronization Therapy

III. Responsibility:

- A. Medical Directors
- B. Medical Management

IV. Required Definitions

1. Attachment – a supporting document that is developed and maintained by the policy writer or department requiring/authoring the policy.
2. Exhibit – a supporting document developed and maintained in a department other than the department requiring/authoring the policy.
3. Devised – the date the policy was implemented.
4. Revised – the date of every revision to the policy, including typographical and grammatical changes.
5. Reviewed – the date documenting the annual review if the policy has no revisions necessary.

V. Additional Definitions

Medical Necessity or Medically Necessary means Covered Services rendered by a Health Care Provider that the Plan determines are:

- a. appropriate for the symptoms and diagnosis or treatment of the Member's condition, illness, disease or injury;
- b. provided for the diagnosis, and the direct care and treatment of the Member's condition, illness disease or injury;
- c. in accordance with current standards of good medical treatment practiced by the general medical community.
- d. not primarily for the convenience of the Member, or the Member's Health Care Provider; and
- e. the most appropriate source or level of service that can safely be provided to the Member. When applied to hospitalization, this further means that the Member requires acute care as an inpatient due to the nature of the services rendered or the Member's condition, and the Member cannot receive safe or adequate care as an outpatient.

Medicaid Business Segment

Medically Necessary — A service, item, procedure, or level of care that is necessary for the proper treatment or management of an illness, injury, or disability is one that:

- Will, or is reasonably expected to, prevent the onset of an illness, condition, injury or disability.
- Will, or is reasonably expected to, reduce or ameliorate the physical, mental or developmental effects of an illness, condition, injury or disability.

- Will assist the Member to achieve or maintain maximum functional capacity in performing daily activities, taking into account both the functional capacity of the Member and those functional capacities that are appropriate for Members of the same age

DESCRIPTION: Biventricular pacing (aka: cardiac resynchronization therapy – CRT) is a pacemaker that utilizes three leads (one in the right atrium, and one in each ventricle) to electrically pace and coordinate the synchronous contraction of both ventricles of the heart, thereby improving hemodynamic status

Geisinger Health Plan requires prior authorization through Cohere for Cardiology services for members enrolled in its Commercial HMO and PPO, Medicare Advantage. GHP Family Medicaid and CHIP products. To direct the application of these services for Geisinger Health Plan members, Cohere utilizes its proprietary clinical criteria, Utilization Management decision-support tools, and evidence-based medical treatment guidelines. For more information about the services that require prior authorization, refer to <https://payerinfo.zendesk.com/hc/en-us>

CODING ASSOCIATED WITH: Biventricular Pacemaker/Cardiac Resynchronization Therapy

The following codes are included below for informational purposes and may not be all inclusive. Inclusion of a procedure or device code(s) does not constitute or imply coverage nor does it imply or guarantee provider reimbursement. Coverage is determined by the member specific benefit plan document and any applicable laws regarding coverage of specific services. Please note that per Medicare coverage rules, only specific CPT/HCPCS Codes may be covered for the Medicare Business Segment. Please consult the CMS website at www.cms.gov or the local Medicare Administrative Carrier (MAC) for more information on Medicare coverage and coding requirements.

Cardiac Devices - Cardiac Resynchronization Therapy - Pacemaker (CRT-P) CODES:

Insertion or replacement of permanent pacemaker with transvenous electrode(s); ventricular	33207
Insertion or replacement of permanent pacemaker with transvenous electrode(s); atrial and ventricular	33208
Insertion or replacement of pacemaker pulse generator only; dual chamber	33213
Upgrade of implanted pacemaker system, conversion of single chamber system to dual chamber system (includes removal of previously placed pulse generator, testing of existing lead, insertion of new lead, insertion of new pulse generator)	33214
Insertion of pacemaker pulse generator only; with existing multiple leads	33221

Cardiac Devices - HCPCS CODES:

Cardioverter-defibrillator, dual chamber (implantable)	C1721
Cardioverter-defibrillator, single chamber (implantable)	C1722
Lead, cardioverter-defibrillator, endocardial single coil (implantable)	C1777
Lead, pacemaker, transvenous VDD single pass	C1779
Pacemaker, dual chamber, rate-responsive (implantable)	C1785
Pacemaker, single chamber, rate-responsive (implantable)	C1786
Cardioverter-defibrillator, other than single or dual chamber (implantable)	C1882

Lead, cardioverter-defibrillator, endocardial dual coil (implantable)	C1895
Lead, cardioverter-defibrillator, other than endocardial single or dual coil (implantable)	C1896
Lead, pacemaker, other than transvenous VDD single pass	C1898
Lead, pacemaker/cardioverter-defibrillator combination (implantable)	C1899
Lead, left ventricular coronary venous system	C1900
Pacemaker, dual chamber, nonrate-responsive (implantable)	C2619
Pacemaker, single chamber, nonrate-responsive (implantable)	C2620
Pacemaker, other than single or dual chamber (implantable)	C2621
Automatic external defibrillator, with integrated electrocardiogram analysis, garment type	K0606
Replacement battery for automated external defibrillator, garment type only, each	K0607

Cardiac Devices - Pacemakers

CODES:

Insertion or replacement of permanent pacemaker with transvenous electrode(s); atrial	33206
Insertion or replacement of permanent pacemaker with transvenous electrode(s); ventricular	33207
Insertion or replacement of permanent pacemaker with transvenous electrode(s); atrial and ventricular	33208
Insertion or replacement of temporary transvenous single chamber cardiac electrode or pacemaker catheter (separate procedure)	33210

Current Procedural Terminology (CPT®) © American Medical Association: Chicago, IL

Medicaid Business Segment:

Any requests for services that do not meet criteria set in the PARP may be evaluated on a case by case basis.

LINE OF BUSINESS:

Eligibility and contract specific benefits, limitations and/or exclusions will apply. Coverage statements found in the line of business specific benefit document will supersede this policy. For Medicare, applicable LCD's and NCD's will supercede this policy. For PA Medicaid Business segment, this policy applies as written.

This policy will be revised as necessary and reviewed no less than annually.

Devised: 6/04

Revised: 7/05 (Updated CMS coverage); 5/06 (remove prior auth); 6/15 (Removed GOLD from Limitations); 5/19 (expand qualifying HF categories); 5/20 (refine criteria to include bundle branch block); 12/20 (Transition to Health Help);

10/23 (transition to Cohere)

Reviewed: 5/07, 5/08, 5/09, 6/10, 6/11, 6/12, 6/13, 6/14, 6/16, 5/17, 5/18, 5/21, 5/22

Geisinger Health Plan may refer collectively to health care coverage sponsors Geisinger Health Plan, Geisinger Quality Options, Inc., and Geisinger Indemnity Insurance Company, unless otherwise noted. Geisinger Health Plan is part of Geisinger, an integrated health care delivery and coverage organization.

Coverage for experimental or investigational treatments, services and procedures is specifically excluded under the member's certificate with Geisinger Health Plan. Unproven services outside of an approved clinical trial are also specifically excluded under the member's certificate with Geisinger Health Plan. This policy does not expand coverage to services or items specifically excluded from coverage in the member's certificate with Geisinger Health Plan. Additional information can be found in MP015 Experimental, Investigational or Unproven Services.

Prior authorization and/or pre-certification requirements for services or items may apply. Pre-certification lists may be found in the member's contract specific benefit document. Prior authorization requirements can be found at <https://www.geisinger.org/health-plan/providers/ghp-clinical-policies>

Please be advised that the use of the logos, service marks or names of Geisinger Health Plan, Geisinger Quality Options, Inc. and Geisinger Indemnity Insurance Company on a marketing, press releases or any communication piece regarding the contents of this medical policy is strictly prohibited without the prior written consent of Geisinger Health Plan. Additionally, the above medical policy does not confer any endorsement by Geisinger Health Plan, Geisinger Quality Options, Inc. and Geisinger Indemnity Insurance Company regarding the medical service, medical device or medical lab test described under this medical policy.