



CARDIAC LOOP RECORDER, IMPLANTABLE

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Status: Current

I. DESCRIPTION

An implantable loop recorder device is inserted just under the patient’s skin in the chest area during an outpatient surgical procedure. When symptoms are felt, the patient places a hand-held activator over the recorder to activate the storage of cardiac rhythms. This device can be used for more than one year. The Reveal Insertable Loop Recorder is a FDA-approved implantable memory loop device.

II. POLICY/CRITERIA

A. Priority Health will cover an implantable cardiac loop recorder for any of the following conditions:

- Syncope
- Palpitations
- Dizziness

B. When the following have preceded the implantation of the device:

1. A cardiac arrhythmia is suspected as the cause of the symptoms; **and**
2. Noninvasive ambulatory monitoring, consisting of two 30-day pre-symptom external loop recordings, fails to establish a definitive diagnosis because the symptoms occur so infrequently and unpredictably that the monitoring period may not have been long enough to capture a diagnostic ECG; **and**
3. Tilt table testing is negative or non-diagnostic.

Special Note: Depending on clinical presentation, the individual may have had a negative or non-diagnostic electrophysiological study (EPS); however, EPS is no longer considered a prerequisite to insertion of an implantable loop recorder.

Prior authorization is not required.

III. MEDICAL NECESSITY REVIEW

Required

Not Required

Not Applicable



IV. APPLICATION TO PRODUCTS

Coverage is subject to member’s specific benefits. Group specific policy will supersede this policy when applicable.

- ❖ **HMO/EPO:** *This policy applies to insured HMO/EPO plans.*
- ❖ **POS:** *This policy applies to insured POS plans.*
- ❖ **PPO:** *This policy applies to insured PPO plans.*
- ❖ **ASO:** *For self-funded plans, consult individual plan documents. If there is a conflict between this policy and a self-funded plan document, the provisions of the plan document will govern.*
- ❖ **INDIVIDUAL:** *For individual policies, consult the individual insurance policy. If there is a conflict between this medical policy and the individual insurance policy document, the provisions of the individual insurance policy will govern.*
- ❖ **MEDICARE:** *Coverage is determined by the Centers for Medicare and Medicaid Services (CMS).*
- ❖ **MEDICAID:** *Coverage is determined by the Michigan Medicaid Provider Manual and the Michigan Medicaid Fee Schedule at: http://www.michigan.gov/mdch/0,1607,7-132-2945_42542_42543_42546_42551-159815--,00.html.*
- ❖ **MICHILD:** *For MICHILD members, this policy will apply unless MICHILD certificate of coverage limits or extends coverage.*

V. CODING INFORMATION

ICD-9 Codes that support medical necessity

- 780.2 Syncope and collapse
- 780.4 Dizziness
- 785.1 Palpitations

CPT/HCPCS Codes

- 33282 Implantation of patient-activated cardiac event recorder
- 33284 Removal of an implantable, patient-activated cardiac event recorder

- 93285 Programming device evaluation with iterative adjustment of the implantable device to test the function of the device and select optimal permanent programmed values with physician analysis, review and report; implantable loop recorder system
- 93291 Interrogation device evaluation (in person) with physician analysis, review and report, includes connection, recording and disconnection per patient encounter; implantable loop recorder system, including heart rhythm derived data analysis
- 93298 Interrogation device evaluation(s), (remote) up to 30 days; implantable loop recorder system, including analysis of recorded heart rhythm data, physician analysis, review(s) and report(s)
- 93299 Interrogation device evaluation(s), (remote) up to 30 days; implantable cardiovascular monitor system or implantable loop recorder system, remote data acquisition(s), receipt of transmissions and technician review, technical support and distribution of results

- C1764 Event recorder, cardiac (implantable)
- E0616 Implantable cardiac event recorder with memory, activator and programmer



VI. REFERENCES

“Ambulatory ECG Monitors”, Regence Group Medical Policy, October 2003.

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@<http://www.regence.com/printFriendly.jsp> (Retrieved 12/30/04)

“Cardiac Event Monitors”, Aetna Clinical Policy Bulletin, December 21, 2004.

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<http://www.aetna.com/cpb/data/CPBA0073.html> (Retrieved 12/22/04 & November 9, 2009)

“Insertable Loop Recorder”, WPS Medicare Part B Policy. Available on the

World Wide Web @<http://www.wpsic.com/cgi-bin/polsearchil.cgi>

(Retrieved 12/22/04).

Cardiac Event Monitors, Cigna Medical Policy, April 2009 @

http://www.cigna.com/customer_care/healthcare_professional/coverage_positions/medical/mm_0085_coveragepositioncriteria_cardiac_event_monitors.pdf (Retrieved November 9, 2009)

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