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## SHP Leadless Cardiac Pacemaker

AUTH: SHP Surgical 126 v2 (AC)

**MCG Health**  
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### Coverage

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See the appropriate benefit document for specific coverage determination. Member specific benefits take precedence over medical policy.

### Application to Products

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Policy is applicable to all products.

### Authorization Requirements

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Pre-certification by the Plan is required.

### Description of Item or Service

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Leadless Cardiac Pacemaker is a single-chamber ventricular pacemaker that is without defibrillation capacity. It is an ultrasound-guided access directly through the femoral vein and attached the small capsule to the heart. This device does not require a chest incision or a subcutaneous generator chest pocket.

### Exceptions and Limitations

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There is insufficient scientific evidence to support the medical necessity of this service as it is not shown to improve health outcomes upon technology review.

### Clinical Indications for Procedure

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- NA

### Document History

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- Revised Dates:
- Reviewed Dates:
  - 2022: July
- Effective Date: September 2021

### Coding Information

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- CPT/HCPCS codes covered if policy criteria is met:
  - None
- CPT/HCPCS codes considered not medically necessary per this Policy:
  - CPT 33274 - Transcatheter insertion or replacement of permanent leadless pacemaker, right ventricular, including imaging guidance (eg, fluoroscopy, venous ultrasound, ventriculography, femoral venography) and device evaluation (eg, interrogation or programming), when performed
  - CPT 33275 - Transcatheter removal of permanent leadless pacemaker, right ventricular, including imaging guidance (eg, fluoroscopy, venous ultrasound, ventriculography, femoral venography), when performed

### References

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**References used include but are not limited to the following:**

Specialty Association Guidelines; Government Regulations; Winifred S. Hayes, Inc; Uptodate; Literature Review; Specialty Advisors; National Coverage Determination (NCD); Local Coverage Determination (LCD).

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TRANSCATHETER PACING SYSTEMS. (2022). Retrieved Jun 15, 2022, from Medtronic: <https://www.medtronic.com/us-en/healthcare-professionals/products/cardiac-rhythm/pacemakers/micra-pacing-system.html>

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## Codes

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