## 2018 Electrophysiology Services

### COMPREHENSIVE EP STUDIES
- 93619 Comprehensive EPS without induction of arrhythmia
- 93620 Comprehensive EPS with (attempted) induction of arrhythmia (+)
- 93621 Left atrial or coronary sinus pacing & recording (w/ 93620, 93653, 93654)
- 93622 Left ventricular pacing & recording (w/ 93620, 93653, 93656)

### MAPPING & ADD-ON PROCEDURES
- +93609 Catheter mapping of tachycardia (w/ 93620, 93653, 93656)
- +93613 3-D mapping (w/ 93620, 93653, 93656)
- +93623 Drug stimulation (w/ 93610, 93612, 93619, 93620, 93653, 93654)

### INDIVIDUAL STUDIES & OTHER PROCEDURES
- 93600 Bundle of His recording
- 93602 Intra-atrial recording
- 93603 Right ventricular recording
- 93610 Intra-atrial pacing
- 93612 Intraventricular pacing
- 93618 Induction of arrhythmia by electrical pacing
- 93615 Esophageal recording of atrial electrogram
- 93616 Esophageal atrial electrogram with pacing
- 93624 Follow-up EP study with pacing & recording, (attempted) induction
- 93660 Tilt table study

### ABLATIONS
- 93650 AV node ablation
- 93653 Comprehensive EPS with atrial ablation
- 93654 Comprehensive EPS + 3D mapping with ventricular ablation (+)
- +93655 Ablate additional discrete arrhythmia focus (w/ 93653, 93654, 93656)
- 93656 Comprehensive EPS + transseptal + ablate pulmonary veins for Afib
- +93657 Ablate additional RT or LT atrial site for Afib (with 93656)

### INTRACARDIAC ECHO / TRANSSEPTAL ACCESS
- +93662 Intracardiac echocardiography
- +93682 Transseptal or transapical puncture (w/ 93653, 93654)

### CARDIOVERSION / PACING
- 92960 Cardioversion, elective, external
- 92961 Cardioversion, elective, internal
- 92953 Temporary transcutaneous pacing

### ELECTROCARDIOGRAMS
- 93000 Electrocardiogram, complete
- 93010 Electrocardiogram, interpretation & report only
- 93025 Microvolt T-wave alternans

### EP EVALUATION OF ICD
- 93306 Transthoracic echo, complete with doppler, color flow
- 93307 Transthoracic echo, complete without doppler
- 93308 Transthoracic echo, limited or follow-up
- 93312 Transesophageal echo, complete
- +93320 Spectral Doppler echo (add-on with 93312)
- +93321 Spectral Doppler echo, limited or follow-up (add-on with 93308, 93312)
- +93325 Color flow Doppler (add-on with 93308, 93312)
- +0439T Myocardial contrast perfusion echocardiography

### EP ANALYSIS OF TRANSEPTAL ICD
- 93286 Peri-procedural eval & program, pacemaker (may report x 2)
- 93287 Peri-procedural eval & program, transven ICD (x2) (with 93619, 93620, 93653)
- 93261 Peri-procedural eval & program, sub-Q ICD (x2) (with 93619, 93620, 93653)

### MISCELLANEOUS PROCEDURES
- 93451 Right heart cath (diagnostic)
- 93452 Left heart cath, retrograde
- 93453 Right & left heart cath
- 36005 Contrast injection for venography
- 75820 Venography, extremity, unilateral, S&I
- 93503 Swan-Ganz monitoring catheter placement

### OTHER PROCEDURES

### COMMON MODIFIERS
- 22 Increased procedural service (submission of report / documentation required)
- 26 Professional component
- 52 Reduced services (portion intentionally omitted at physician's election)
- 53 Discontinued procedure (terminate without completion – physician claims)
- 59 Distinct procedural service (separately identifiable)
  - XE Separate Encounter
  - XS Separate Structure
  - XP Separate Practitioner
  - XU Unusual Non-Overlapping Service
- 73 Discontinued procedure prior to administration of anesthesia (OP facility)
- 74 Discontinued procedure after administration of anesthesia (OP facility)

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Notes:
- Procedures identified with a + symbol preceding the code are designated “add-on” codes; may not be reported stand-alone. Bill in addition to the primary service or procedure.
- Many of these codes require modifier -26 on physician claims when performed in a facility setting (e.g., hospital inpatient or outpatient).

**THERMOCOOL® Navigation Catheters are approved for drug refractory recurrent symptomatic paroxysmal atrial fibrillation, when used with CARTO® Systems (excluding NAVISTAR® RMT THERMOCOOL® Catheter).**
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CATHETERS AND INTRODUCERS

- C1730 Catheter, electrophysiology, diagnostic, other than 3D mapping (19 or fewer electrodes)
- C1731 Catheter, electrophysiology, diagnostic, other than 3D mapping (20 or more electrodes)
- C1732 Catheter, electrophysiology, diagnostic / ablation, 3D or vector mapping
- C1733 Catheter, electrophysiology, diagnostic / ablation, other than 3D or vector mapping, other than cool-tip
- C2630 Catheter, electrophysiology, diagnostic / ablation, other than 3D or vector mapping, cool-tip
- C1759 Catheter, intracardiac echocardiography
- C1893 Introducer / sheath, guiding, intracardiac electrophysiological, fixed-curve, other than peel-away
- C1766 Introducer / sheath, guiding, intracardiac electrophysiological, steerable, other than peel-away

Please list catheters / supplies used and include a product catalog number to reference in assigning a C-code, if applicable.

PRODUCT CATALOG NUMBER / DESCRIPTION

Please note that not all products or supplies will have an associated C-code. There is no C-code for: REFSTAR® Catheter with QWIKPATCH® External Reference Patch, COOLFLOW® Pump Tubing, PERRY® Exchange Dilator, or HeartSpan® Transseptal Needle, as these are considered by CMS to be accessory items. If none is defined, the facility will assign an internal charge code associated with an appropriate revenue code.

LOCATING C-CODES FOR CATHETERS AND SUPPLIES

C-Codes for Biosense Webster, Inc. products may be found:

- Online at www.biosensewebster.com/reimbursement
  Enter Biosense Webster product number into On-line C-Code Finder.


For other products, review the HCPCS Level II codebook or contact the manufacturer.

DIAGNOSES (ICD-10-CM)

Cardiac Dysrhythmias

- I47.0 Re-entry ventricular arrhythmia
- I47.1 Supraventricular tachycardia (AVNRT, atrial, AV, junctional, nodal)
- I47.2 Ventricular tachycardia
- I47.9 Paroxysmal tachycardia, unspecified (Bouveret [-Hoffman] syndrome)
- I48.0 Paroxysmal atrial fibrillation
- I48.1 Persistent atrial fibrillation
- I48.2 Chronic atrial fibrillation (permanent afib)
- I48.91 Unspecified atrial fibrillation
- I48.3 Typical atrial flutter (Type I atrial flutter)
- I48.4 Atypical atrial flutter (Type II atrial flutter)
- I48.92 Unspecified atrial flutter
- I49.01 Ventricular fibrillation
- I49.02 Ventricular flutter
- I49.1 Atrial premature depolarization (atrial premature beats)
- I49.2 Junctional premature depolarization
- I49.3 Ventricular premature depolarization
- I49.40 Unspecified premature depolarization (premature beats NOS)
- I49.49 Other premature depolarization (ectopic, extrasystole beats)
- I49.5 Sick sinus syndrome (tachy-brady syndrome)
- I49.8 Other specified cardiac arrhythmias (ectopic, nodal rhythm disorder)
- I49.9 Cardiac arrhythmia, unspecified

Abnormalities of Heart Beat (Symptoms)

- R00.0 Tachycardia, unspecified (sinoauricular tachy NOS, sinus tachy NOS)
- R00.1 Bradycardia, unspecified (sinus bradycardia, vagal bradycardia)
- R00.2 Palpitations
- R00.8 Other abnormalities of heart beat
- R00.9 Unspecified abnormalities of heart beat

Other Diagnoses

The codes listed do not replace seeking coding advice from the payor and/or your own coding staff. The ultimate responsibility for correct coding lies with the provider of services. The reimbursement information contained in this resource is provided for informational purposes only and represents no statement, promise, or guarantee by Biosense Webster, Inc. concerning levels of reimbursement, payment, or charge. The information presented is not intended to increase or maximize reimbursement by any payor. We strongly recommend that you consult your payor organization with regard to its reimbursement policies.

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Effective dates: January 1, 2018 - December 31, 2018 After the expiration date, this information may no longer be accurate.

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