Clinical review is required for adult members (age ≥18). The medical necessity criteria are outlined below.

CPT codes: *93653, *93654 and *93656

**Atrial fibrillation (AF) by ECG**
One of the following must be met:

1. **Paroxysmal atrial fibrillation and ALL:**
   a. Must have one of the following symptoms:
      i. Presyncope or syncope by history
      ii. Palpitations
      iii. Chest pain or discomfort
      iv. Dyspnea
   b. Must have treatment with one of the following:
      i. Recurrent or continued arrhythmia on antiarrhythmic medication
      ii. Antiarrhythmic medication contraindicated or not tolerated
      iii. Long-term antiarrhythmic medication not desired
   c. Transient or reversible causes of the arrhythmia are excluded ALL:
      i. Drug toxicity
      ii. Electrolyte abnormalities (e.g., hypokalemia, hypomagnesemia)
      iii. Thyroid disorders
      iv. Recent surgery
      v. Myocardial ischemia

2. **Persistent atrial fibrillation and ALL:**
   a. Must have one of the following symptoms:
      i. Presyncope or syncope by history
      ii. Palpitations
      iii. Chest pain or discomfort
      iv. Dyspnea
   b. Must have treatment with one of the following:
      i. Recurrent or continued arrhythmia on antiarrhythmic medication
      ii. Antiarrhythmic medication contraindicated or not tolerated
      iii. Long-term antiarrhythmic medication not desired
   c. Transient or reversible causes of the arrhythmia are excluded ALL:
      i. Drug toxicity
      ii. Electrolyte abnormalities (e.g., hypokalemia, hypomagnesemia)
      iii. Thyroid disorders
      iv. Recent surgery
      v. Myocardial ischemia

3. **Tachycardia post ablation at least 12 weeks prior AND:**
   a. Transient or reversible causes of the arrhythmia are excluded ALL:
      i. Drug toxicity
      ii. Electrolyte abnormalities (e.g., hypokalemia, hypomagnesemia)
      iii. Thyroid disorders
      iv. Recent surgery
      v. Myocardial ischemia
Authorization criteria:
Radiofrequency Ablation (RFA), Cardiac
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Atrial flutter by ECG
One of the following must be met:
1. No history of ablation and ALL of the following:
   a. Must have one of the following symptoms:
      i. Presyncope or syncope by history
      ii. Palpitations
      iii. Chest pain or discomfort
      iv. Dyspnea
   b. Must have treatment with one of the following:
      i. Recurrent or continued arrhythmia on antiarrhythmic medication
      ii. Antiarrhythmic medication contraindicated or not tolerated
      iii. Long-term antiarrhythmic medication not desired
   c. Transient or reversible causes of the arrhythmia are excluded ALL:
      i. Drug toxicity
      ii. Electrolyte abnormalities (e.g., hypokalemia, hypomagnesemia)
      iii. Thyroid disorders
      iv. Recent surgery
      v. Myocardial ischemia
2. Tachycardia post ablation AND:
   a. Transient or reversible causes of the arrhythmia are excluded ALL:
      i. Drug toxicity
      ii. Electrolyte abnormalities (e.g., hypokalemia, hypomagnesemia)
      iii. Thyroid disorders
      iv. Recent surgery
      v. Myocardial ischemia

Frequent monomorphic premature ventricular contractions (PVCs) by ECG
One of the following must be met:
1. Presyncope or syncope by history and All:
   a. Must have treatment with one of the following:
      i. Recurrent or continued arrhythmia on antiarrhythmic medication
      ii. Antiarrhythmic medication contraindicated or not tolerated
      iii. Long-term antiarrhythmic medication not desired
   b. Coronary artery disease (CAD) evaluation by testing and ONE:
      i. No coronary artery disease (CAD) or ischemia
      ii. Stenosis not significant enough to warrant revascularization
      iii. Percutaneous coronary intervention (PCI) or coronary artery bypass graft (CABG) performed at least 12 weeks prior
      iv. Lesion not amenable to revascularization
   c. Transient or reversible causes of the arrhythmia are excluded ALL:
      i. Drug toxicity
      ii. Electrolyte abnormalities (e.g., hypokalemia, hypomagnesemia)
      iii. Thyroid disorders
      iv. Recent surgery
      v. Myocardial ischemia
2. Palpitations and ALL:
   a. Must have treatment with one of the following:
      i. Recurrent or continued arrhythmia on antiarrhythmic medication
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ii. Antiarrhythmic medication contraindicated or not tolerated
iii. Long-term antiarrhythmic medication not desired

b. Coronary artery disease (CAD) evaluation by testing and ONE:
   i. No coronary artery disease (CAD) or ischemia
   ii. Stenosis not significant enough to warrant revascularization
   iii. Percutaneous coronary intervention (PCI) or coronary artery bypass graft (CABG) performed at least 12 weeks prior
   iv. Lesion not amenable to revascularization

3. Chest pain or discomfort and ALL:
   a. Must have treatment with one of the following:
      i. Recurrent or continued arrhythmia on antiarrhythmic medication
      ii. Antiarrhythmic medication contraindicated or not tolerated
      iii. Long-term antiarrhythmic medication not desired
   b. Coronary artery disease (CAD) evaluation by testing and ONE:
      i. No coronary artery disease (CAD) or ischemia
      ii. Stenosis not significant enough to warrant revascularization
      iii. Percutaneous coronary intervention (PCI) or coronary artery bypass graft (CABG) performed at least 12 weeks prior
      iv. Lesion not amenable to revascularization
   c. Transient or reversible causes of the arrhythmia are excluded ALL:
      i. Drug toxicity
      ii. Electrolyte abnormalities (e.g., hypokalemia, hypomagnesemia)
      iii. Thyroid disorders
      iv. Recent surgery
      v. Myocardial ischemia

4. Dyspnea and ALL:
   a. Must have treatment with one of the following:
      i. Recurrent or continued arrhythmia on antiarrhythmic medication
      ii. Antiarrhythmic medication contraindicated or not tolerated
      iii. Long-term antiarrhythmic medication not desired
   b. Coronary artery disease (CAD) evaluation by testing and ONE:
      i. No coronary artery disease (CAD) or ischemia
      ii. Stenosis not significant enough to warrant revascularization
      iii. Percutaneous coronary intervention (PCI) or coronary artery bypass graft (CABG) performed at least 12 weeks prior
      iv. Lesion not amenable to revascularization
   c. Transient or reversible causes of the arrhythmia are excluded ALL:
      i. Drug toxicity
      ii. Electrolyte abnormalities (e.g., hypokalemia, hypomagnesemia)
      iii. Thyroid disorders
      iv. Recent surgery
      v. Myocardial ischemia

Current authorization criteria effective date: January 2023
5. Ejection fraction (EF) less than or equal to 40% by testing and ALL:
   a. Must have treatment with one of the following:
      i. Recurrent or continued arrhythmia on antiarrhythmic medication
      ii. Antiarrhythmic medication contraindicated or not tolerated
      iii. Long-term antiarrhythmic medication not desired
   b. Coronary artery disease (CAD) evaluation by testing and ONE:
      i. No coronary artery disease (CAD) or ischemia
      ii. Stenosis not significant enough to warrant revascularization
      iii. Percutaneous coronary intervention (PCI) or coronary artery bypass graft
          (CABG) performed at least 12 weeks prior
      iv. Lesion not amenable to revascularization
   c. Transient or reversible causes of the arrhythmia are excluded ALL:
      i. Drug toxicity
      ii. Electrolyte abnormalities (e.g., hypokalemia, hypomagnesemia)
      iii. Thyroid disorders
      iv. Recent surgery
      v. Myocardial ischemia

6. Tachycardia post ablation and BOTH:
   a. Coronary artery disease (CAD) evaluation by testing and ONE:
      i. No coronary artery disease (CAD) or ischemia
      ii. Stenosis not significant enough to warrant revascularization
      iii. Percutaneous coronary intervention (PCI) or coronary artery bypass graft
          (CABG) performed at least 12 weeks prior
      iv. Lesion not amenable to revascularization
   b. Transient or reversible causes of the arrhythmia are excluded ALL:
      i. Drug toxicity
      ii. Electrolyte abnormalities (e.g., hypokalemia, hypomagnesemia)
      iii. Thyroid disorders
      iv. Recent surgery
      v. Myocardial ischemia

Nonsustained (at least 30 seconds) ventricular tachycardia (VT) by ECG
One of the following must be met:
1. Presyncope or syncope by history and ALL:
   a. Must have treatment with one of the following:
      i. Recurrent or continued arrhythmia on antiarrhythmic medication
      ii. Antiarrhythmic medication contraindicated or not tolerated
      iii. Long-term antiarrhythmic medication not desired
   b. Coronary artery disease (CAD) evaluation by testing and ONE:
      i. No coronary artery disease (CAD) or ischemia
      ii. Stenosis not significant enough to warrant revascularization
      iii. Percutaneous coronary intervention (PCI) or coronary artery bypass graft
          (CABG) performed at least 12 weeks prior
      iv. Lesion not amenable to revascularization
   c. Transient or reversible causes of the arrhythmia are excluded ALL:
      i. Drug toxicity
      ii. Electrolyte abnormalities (e.g., hypokalemia, hypomagnesemia)
      iii. Thyroid disorders
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iv. Recent surgery
v. Myocardial ischemia

2. Palpitations and ALL:
   a. Must have treatment with one of the following:
      i. Recurrent or continued arrhythmia on antiarrhythmic medication
      ii. Antiarrhythmic medication contraindicated or not tolerated
      iii. Long-term antiarrhythmic medication not desired
   b. Coronary artery disease (CAD) evaluation by testing and ONE:
      i. No coronary artery disease (CAD) or ischemia
      ii. Stenosis not significant enough to warrant revascularization
      iii. Percutaneous coronary intervention (PCI) or coronary artery bypass graft (CABG) performed ≥ 12 weeks prior
   c. Transient or reversible causes of the arrhythmia are excluded ALL:
      i. Drug toxicity
      ii. Electrolyte abnormalities (e.g., hypokalemia, hypomagnesemia)
      iii. Thyroid disorders
      iv. Recent surgery
      v. Myocardial ischemia

3. Chest pain or discomfort and ALL:
   a. Must have treatment with one of the following:
      i. Recurrent or continued arrhythmia on antiarrhythmic medication
      ii. Antiarrhythmic medication contraindicated or not tolerated
      iii. Long-term antiarrhythmic medication not desired
   b. Coronary artery disease (CAD) evaluation by testing and ONE:
      i. No coronary artery disease (CAD) or ischemia
      ii. Stenosis not significant enough to warrant revascularization
      iii. Percutaneous coronary intervention (PCI) or coronary artery bypass graft (CABG) performed ≥ 12 weeks prior
   c. Transient or reversible causes of the arrhythmia are excluded ALL:
      i. Drug toxicity
      ii. Electrolyte abnormalities (e.g., hypokalemia, hypomagnesemia)
      iii. Thyroid disorders
      iv. Recent surgery
      v. Myocardial ischemia

4. Dyspnea and ALL:
   a. Must have treatment with one of the following:
      i. Recurrent or continued arrhythmia on antiarrhythmic medication
      ii. Antiarrhythmic medication contraindicated or not tolerated
      iii. Long-term antiarrhythmic medication not desired
   b. Coronary artery disease (CAD) evaluation by testing and ONE:
      i. No coronary artery disease (CAD) or ischemia
      ii. Stenosis not significant enough to warrant revascularization
      iii. Percutaneous coronary intervention (PCI) or coronary artery bypass graft (CABG) performed at least 12 weeks prior
   c. Transient or reversible causes of the arrhythmia are excluded; AND transient or reversible causes excluded
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5. Ejection fraction (EF) less than or equal to 40% by testing and ALL:
   a. Must have treatment with one of the following:
      i. Recurrent or continued arrhythmia on antiarrhythmic medication
      ii. Antiarrhythmic medication contraindicated or not tolerated
      iii. Long-term antiarrhythmic medication not desired
   b. Coronary artery disease (CAD) evaluation by testing and ONE:
      i. No coronary artery disease (CAD) or ischemia
      ii. Stenosis not significant enough to warrant revascularization
      iii. Percutaneous coronary intervention (PCI) or coronary artery bypass graft (CABG) performed at least 12 weeks prior
      iv. Lesion not amenable to revascularization
   c. Transient or reversible causes of the arrhythmia are excluded ALL:
      i. Drug toxicity
      ii. Electrolyte abnormalities (e.g., hypokalemia, hypomagnesemia)
      iii. Thyroid disorders
      iv. Recent surgery
      v. Myocardial ischemia

6. Arrhythmogenic right ventricular dysplasia/cardiomyopathy (ARVD/C) by testing and ALL:
   a. Must have treatment with one of the following:
      i. Recurrent or continued arrhythmia on antiarrhythmic medication
      ii. Antiarrhythmic medication contraindicated or not tolerated
      iii. Long-term antiarrhythmic medication not desired
   b. Coronary artery disease (CAD) evaluation by testing and ONE:
      i. No coronary artery disease (CAD) or ischemia
      ii. Stenosis not significant enough to warrant revascularization
      iii. Percutaneous coronary intervention (PCI) or coronary artery bypass graft (CABG) performed at least 12 weeks prior
      iv. Lesion not amenable to revascularization
   c. Transient or reversible causes of the arrhythmia are excluded ALL:
      i. Drug toxicity
      ii. Electrolyte abnormalities (e.g., hypokalemia, hypomagnesemia)
      iii. Thyroid disorders
      iv. Recent surgery
      v. Myocardial ischemia

7. Tachycardia post ablation and BOTH:
   a. Coronary artery disease (CAD) evaluation by testing and ONE:
      i. No coronary artery disease (CAD) or ischemia
      ii. Stenosis not significant enough to warrant revascularization
      iii. Percutaneous coronary intervention (PCI) or coronary artery bypass graft (CABG) performed at least 12 weeks prior
      iv. Lesion not amenable to revascularization
   b. Transient or reversible causes of the arrhythmia are excluded ALL:
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i. Drug toxicity
ii. Electrolyte abnormalities (e.g., hypokalemia, hypomagnesemia)
iii. Thyroid disorders
iv. Recent surgery
v. Myocardial ischemia

Preexcitation syndrome or Wolff-Parkinson-White (WPW) syndrome by ECG
1. Both of the following must be met:
   a. One of the following symptoms or conditions:
      i. Wide complex tachycardia
      ii. Preexcited atrial fibrillation (AF) or atrial ventricular reentrant tachycardia (AVRT)
         by electrocardiogram (ECG)
      iii. Cardiac arrest survivor
      iv. High-risk occupation or hobby
      v. Presyncope or syncope by history
      vi. Palpitations
      vii. Chest pain or discomfort
      viii. Dyspnea
      ix. Asymptomatic patient and further testing needed for risk stratification
      x. Tachycardia post ablation
   b. Transient or reversible causes of the arrhythmia are excluded ALL:
      i. Drug toxicity
      ii. Electrolyte abnormalities (e.g., hypokalemia, hypomagnesemia)
      iii. Thyroid disorders
      iv. Recent surgery
      v. Myocardial ischemia

Suspected atrioventricular nodal reentrant tachycardia (AVNRT) by ECG

Suspected atrioventricular reentrant tachycardia (AVRT) by ECG

Suspected focal atrial tachycardia by ECG
One of the following must be met:
1. No history of ablation and ALL:
   a. Must have one of the following symptoms:
      i. Presyncope or syncope by history
      ii. Palpitations
      iii. Chest pain or discomfort
      iv. Dyspnea
   b. Must have treatment with one of the following:
      i. Recurrent or continued arrhythmia on antiarrhythmic medication
      ii. Antiarrhythmic medication contraindicated or not tolerated
      iii. Long-term antiarrhythmic medication not desired
   c. Transient or reversible causes of the arrhythmia are excluded ALL:
      i. Drug toxicity
      ii. Electrolyte abnormalities (e.g., hypokalemia, hypomagnesemia)
      iii. Thyroid disorders
      iv. Recent surgery
      v. Myocardial ischemia

Current authorization criteria effective date: January 2023
2. Tachycardia post ablation AND:
   a. Transient or reversible causes of the arrhythmia are excluded ALL:
      i. Drug toxicity
      ii. Electrolyte abnormalities (e.g., hypokalemia, hypomagnesemia)
      iii. Thyroid disorders
      iv. Recent surgery
      v. Myocardial ischemia

Sustained (more than 30 seconds) ventricular tachycardia (VT) by ECG
One of the following must be met:
1. Spontaneous monomorphic ventricular tachycardia (VT) and ALL of the following:
   a. Must have one of the following symptoms:
      i. Presyncope or syncope by history
      ii. Palpitations
      iii. Chest pain or discomfort
      iv. Dyspnea
   b. Must have treatment with one of the following:
      i. Recurrent ventricular tachycardia (VT) on antiarrhythmic medication
      ii. Antiarrhythmic medication contraindicated or not tolerated
      iii. Long-term antiarrhythmic medication not desired
   c. Coronary artery disease (CAD) evaluation by testing and ONE:
      i. No coronary artery disease (CAD) or ischemia
      ii. Stenosis not significant enough to warrant revascularization
      iii. Percutaneous coronary intervention (PCI) or coronary artery bypass graft (CABG) performed ≥ 12 weeks prior
      iv. Lesion not amenable to revascularization
   d. Transient or reversible causes of the arrhythmia are excluded ALL:
      i. Drug toxicity
      ii. Electrolyte abnormalities (e.g., hypokalemia, hypomagnesemia)
      iii. Thyroid disorders
      iv. Recent surgery
      v. Myocardial ischemia

2. Bundle branch reentrant ventricular tachycardia (VT) and BOTH:
   a. Coronary artery disease (CAD) evaluation by testing and ONE:
      i. No coronary artery disease (CAD) or ischemia
      ii. Stenosis not significant enough to warrant revascularization
      iii. Percutaneous coronary intervention (PCI) or coronary artery bypass graft (CABG) performed at least 12 weeks prior
      iv. Lesion not amenable to revascularization
   b. Transient or reversible causes of the arrhythmia are excluded ALL:
      i. Drug toxicity
      ii. Electrolyte abnormalities (e.g., hypokalemia, hypomagnesemia)
      iii. Thyroid disorders
      iv. Recent surgery
      v. Myocardial ischemia

3. Ventricular tachycardia (VT) storm (urgent) and ALL of the following:
   a. Arrhythmia refractory to medical treatment
   b. Coronary artery disease (CAD) evaluation by testing and ONE:
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i. No coronary artery disease (CAD) or ischemia
ii. Stenosis not significant enough to warrant revascularization
iii. Percutaneous coronary intervention (PCI) or coronary artery bypass graft (CABG) performed at least 12 weeks prior
iv. Lesion not amenable to revascularization
c. Transient or reversible causes of the arrhythmia are excluded ALL:
   i. Drug toxicity
   ii. Electrolyte abnormalities (e.g., hypokalemia, hypomagnesemia)
   iii. Thyroid disorders
   iv. Recent surgery
   v. Myocardial ischemia

4. Recurrent ventricular tachycardia (VT) post implantable cardioverter defibrillator (ICD) insertion, and ALL:
   a. Both of the following:
      i. Change in drug treatment ineffective
      ii. Implantable cardioverter defibrillator (ICD) reprogramming ineffective
   b. Coronary artery disease (CAD) evaluation by testing and ONE:
      i. No coronary artery disease (CAD) or ischemia
      ii. Stenosis not significant enough to warrant revascularization
      iii. Percutaneous coronary intervention (PCI) or coronary artery bypass graft (CABG) performed at least 12 weeks prior
      iv. Lesion not amenable to revascularization
c. Transient or reversible causes of the arrhythmia are excluded ALL:
   i. Drug toxicity
   ii. Electrolyte abnormalities (e.g., hypokalemia, hypomagnesemia)
   iii. Thyroid disorders
   iv. Recent surgery
   v. Myocardial ischemia

5. Tachycardia post ablation AND BOTH:
   a. Coronary artery disease (CAD) evaluation by testing and ONE:
      i. No coronary artery disease (CAD) or ischemia
      ii. Stenosis not significant enough to warrant revascularization
      iii. Percutaneous coronary intervention (PCI) or coronary artery bypass graft (CABG) performed at least 12 weeks prior
      iv. Lesion not amenable to revascularization
   b. Transient or reversible causes of the arrhythmia are excluded ALL:
      i. Drug toxicity
      ii. Electrolyte abnormalities (e.g., hypokalemia, hypomagnesemia)
      iii. Thyroid disorders
      iv. Recent surgery
      v. Myocardial ischemia

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References
Change Healthcare’s InterQual® 2022 Procedures Adult Criteria, Radiofrequency Ablation (RFA), Cardiac

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