Secondary Prevention: CAD—VF or Hemodynamically Unstable VT Associated With Acute (<48 h) MI
Indication 3 for nonsustained VT 4 days post-MI and inducible VT/VF at EPS ≥4 days after revascularization is not represented in this figure and was rated as Appropriate for LVEF <50% and May Be Appropriate for LVEF ≥50%.

A = Appropriate; EPS = electrophysiological study; LVEF = left ventricular ejection fraction; M = May Be Appropriate; MI = myocardial infarction; R = Rarely Appropriate; VF = ventricular fibrillation; VT = ventricular tachycardia.
Secondary Prevention: VF or Hemodynamically Unstable VT With No Recent MI and/or No Recent Revascularization
A = Appropriate; LVEF = left ventricular ejection fraction; M = May Be Appropriate; MI = myocardial infarction; VF = ventricular fibrillation; VT = ventricular tachycardia.
Secondary Prevention: VF or Hemodynamically Unstable VT—No CAD With Structural Heart Disease or Genetic Disorders

A = Appropriate; ARVC = arrhythmogenic right ventricular cardiomyopathy; CM = cardiomyopathy; CMVT = catecholaminergic polymorphic ventricular tachycardia; EPS = electrophysiological study; HCM = hypertrophic cardiomyopathy; LVEF = left ventricular ejection fraction; M = May Be Appropriate; MI = myocardial infarction; NICM = nonischemic cardiomyopathy; R = Rarely Appropriate; VF = ventricular fibrillation; VT = ventricular tachycardia.
Secondary Prevention: No Structural Heart Disease (LVEF ≥50%) or Known Genetic Causes of Sustained VT/VF
A = Appropriate; LVEF = left ventricular ejection fraction; M = May Be Appropriate; R = Rarely Appropriate; VF = ventricular fibrillation; VT = ventricular tachycardia; WPW = Wolff-Parkinson-White.
Secondary Prevention: Syncope in Patients Without Structural Heart Disease
A = Appropriate; ECG = electrocardiogram; LV = left ventricular; LVEF = left ventricular ejection fraction; R = Rarely Appropriate; RV = right ventricular; VF = ventricular fibrillation; VT = ventricular tachycardia.
Figure Legend:

Secondary Prevention: Syncope in Patients With Coronary Artery Disease
A = Appropriate; EPS = electrophysiological study; LVEF = left ventricular ejection fraction; M = May Be Appropriate; MI = myocardial infarction; R = Rarely Appropriate; VF = ventricular fibrillation; VT = ventricular tachycardia.
Secondary Prevention: Syncope in Patients with Nonischemic Structural Heart Disease

A = Appropriate; CM = cardiomyopathy; HCM = hypertrophic cardiomyopathy; LV = left ventricular; LVEF = left ventricular ejection fraction; M = May Be Appropriate; NIDCM = nonischemic dilated cardiomyopathy; R = Rarely Appropriate.
Figure Legend:
Secondary Prevention: Sustained Hemodynamically Stable Monomorphic VT Associated With Structural Heart Disease
A = Appropriate; CAD = coronary artery disease; CM = cardiomyopathy; EPS = electrophysiological study; LVEF = left ventricular ejection fraction; M = May Be Appropriate; MI = myocardial infarction; NICM = nonischemic cardiomyopathy; VT = ventricular tachycardia.
Primary Prevention: Coronary Artery Disease, Post-Acute MI (≤40 Days), LVEF ≤40%
A = Appropriate; EP = electrophysiological; EPS = electrophysiological study; LVEF = left ventricular ejection fraction; M = May Be Appropriate; MI = myocardial infarction; NSVT = nonsustained ventricular tachycardia; R = Rarely Appropriate; VF = ventricular fibrillation; VT = ventricular tachycardia.
Primary Prevention: Coronary Artery Disease, Prior MI (>40 Days) With Ischemic Cardiomyopathy

A = Appropriate; CABG = coronary artery bypass graft; CM = cardiomyopathy; EPS = electrophysiological study; LVEF = left ventricular ejection fraction; M = May Be Appropriate; MI = myocardial infarction; NSVT = nonsustained ventricular tachycardia; NYHA = New York Heart Association; PCI = percutaneous coronary intervention; ppm = permanent pacemaker; VF = ventricular fibrillation; VT = ventricular tachycardia.
Primary Prevention: Nonischemic Cardiomyopathy
A = Appropriate; CM = cardiomyopathy; dx = diagnosis; GDMT = guideline-directed medical therapy; LVEF = left ventricular ejection fraction; M = May Be Appropriate; NYHA = New York Heart Association; R = Rarely Appropriate.

Figure Legend:
Primary Prevention: Nonischemic Cardiomyopathy, Specific Etiologies
A = Appropriate; CM = cardiomyopathy; LVEF = left ventricular ejection fraction; M = May Be Appropriate; R = Rarely Appropriate.
Primary Prevention: Genetic Conditions (Excludes Syncope and Sustained VT)

A = Appropriate; CM = cardiomyopathy; ECG = electrocardiogram; EPS = electrophysiological study; GDMT = guideline-directed medical therapy; LV = left ventricular; LVEF = left ventricular ejection fraction; M = May Be Appropriate; MI = myocardial infarction; NICM = nonischemic cardiomyopathy; NSVT = nonsustained ventricular tachycardia; R = Rarely Appropriate; RV = right ventricular; SCD = sudden cardiac death; VF = ventricular fibrillation; VT = ventricular tachycardia.
Primary Prevention: Comorbidities (Rarely Appropriate Indications)

CRT = cardiac resynchronization therapy; HF = heart failure; IV = intravenous; VAD = ventricular assist device.

Figure Legend:

CRT: No Prior Implant—Ischemic Cardiomyopathy
A = Appropriate; amb = ambulatory; CRT = cardiac resynchronization therapy; LBBB = left bundle branch block; LVEF = left ventricular ejection fraction; M = May Be Appropriate; NYHA = New York Heart Association; R = Rarely Appropriate.
Figure Legend:

CRT: No Prior Implant—Nonischemic Cardiomyopathy
A = Appropriate; amb = ambulatory; CRT = cardiac resynchronization therapy; LBBB = left bundle branch block; LVEF = left ventricular ejection fraction; M = May Be Appropriate; NYHA = New York Heart Association; R = Rarely Appropriate.
CRT: No Prior Implant—LVEF >35% of Any Etiology (ICD Indicated)
amb = ambulatory; CRT = cardiac resynchronization therapy; ICD = implantable cardioverter-defibrillator; LBBB = left bundle branch block; LVEF = left ventricular ejection fraction; M = May Be Appropriate; NYHA = New York Heart Association; R = Rarely Appropriate.
CRT: No Prior Implant—LVEF ≤35% of Any Etiology (NYHA Class IV on IV Inotropic Support)
CRT = cardiac resynchronization therapy; LBBB = left bundle branch block; LVEF = left ventricular ejection fraction; NYHA = New York Heart Association.
Figure Legend:

CRT: No Prior Implant—Pre-Existing or Anticipating RV Pacing With a Clinical Indication for ICD or Pacemaker Implantation

A = Appropriate; amb = ambulatory; CRT = cardiac resynchronization therapy; LVEF = left ventricular ejection fraction; M = May Be Appropriate; NYHA = New York Heart Association; R = Rarely Appropriate; RV = right ventricular.

Figure Legend:
Refractory Class III/IV Heart Failure <3 Months Post Revascularization and/or ≤40 Days Post-MI
A = Appropriate; LBBB = left bundle branch block; LVEF = left ventricular ejection fraction; M = May Be Appropriate; MI = myocardial infarction; R = Rarely Appropriate.