

## Cardiac Grouping Scheme and Benefits

Groupings
<b>08 - Cardiac</b>
<b>08.01 - Single Chamber ICDs</b>
<b>08.01.01 - 29-42cc, 5-7 yrs longevity, Lead perf trends, Complex arrhythmia logging + memory features, adv data collect + storage</b>
a
a,c,d
a,d
a,d,e
d
<b>08.01.02 - Features of 8.1.1 plus auto test sensing parameters, auto capture threshold test, lead impedance test, wireless remote analysis</b>
a, d
a, d, e
d
<b>08.01.03 - Single Chamber, Subcutaneous</b>
<b>08.02 - Dual Chamber ICDs</b>
<b>08.02.01 - 29-42cc, 5-7 yrs longevity, Lead perf trends, Complex arrhythmia logging + memory features, adv data collect + storage</b>
a
a,c,d
a,d
a,d,e
c
d
<b>08.02.02 - Features of 8.2.1 plus auto test sensing parameters, auto capture threshold test, lead impedance test, wireless remote analysis</b>
a,c,d
a,c,d,e
a,d
a,d,e
d
<b>08.03 - ICDs with CRT</b>
<b>08.03.01 - Dual Chamber, Bivent pacing, Vent tachyarrhythmia treatment, programming enabling variation L vent &amp; R vent stimulation timing &amp; independent outputs</b>
a
a,c
a,c,d
a,d
a,d,e

## Cardiac Grouping Scheme and Benefits

Groupings
c
d
<b>08.03.02 - Features of 8.3.1 plus auto test sensing parameters, auto capture threshold test, lead impedance test, wireless remote analysis</b>
a,c,d
a,c,d,e
a,d
a,d,e
d
<b>08.04 - Single Chamber Pacemakers</b>
<b>08.04.01 - SSI pacemakers &amp; SSIC (SSI with communication capability) pacemakers</b>
<b>08.04.02 - SSIR pacemakers with rate responsive feature</b>
<b>08.04.03 - SSIR with small/compact size, multi-programmability &amp; longevity, &amp; four or more advanced features</b>
f
i
<b>08.05 - Dual Chamber Pacemakers</b>
<b>08.05.01 - DDD/VDD (Communication capability)</b>
<b>08.05.02 - DDDR/VDDR including rate responsive feature</b>
<b>08.05.03 - DDDR with four or more advanced features</b>
g
i
<b>08.05.04 - DDDR with continuous threshold monitoring in atrium + ventricle with ability to adapt pacing outputs accordingly, &amp; with four or more advanced features</b>
g
i
<b>08.06 - CRT Pacemakers</b>
<b>08.06.01 - Dual Chamber, Biven pacing, programming enabling variation of L vent &amp; R vent stimulation timing &amp; independent outputs</b>
i
<b>08.06.02 - Features of 8.6.1 plus continuous threshold monitoring in atrium &amp; ventricle with ability to adapt pacing outputs accordingly</b>
g
i

## Cardiac Grouping Scheme and Benefits

Groupings
<b>08.07 - ICD Leads</b>
<b>08.07.01 - Coronary Sinus</b>
<b>08.07.02 - Subcutaneous</b>
<b>08.07.03 - Transvenous/Nonsteroid/Active</b>
<b>08.07.04 - Transvenous/Nonsteroid/Passive</b>
<b>08.07.05 - Transvenous/Steroid/Passive</b>
e
<b>08.07.06 - Transvenous/Steroid/Active</b>
e
<b>08.07.07 - Epicardial Patches</b>
<b>08.08 - Pacemaker Leads</b>
<b>08.08.01 - Non-transvenous, Bi-Polar, Steroid</b>
<b>08.08.02 - Non-transvenous, Uni-Polar, Steroid</b>
<b>08.08.03 - Non-transvenous, Uni-Polar, Non-Steroid</b>
<b>08.08.04 - Transvenous, Uni-Polar, Passive, Steroid, Right Ventricular/Atrial</b>
<b>08.08.05 - Transvenous, Uni-Polar, Passive, Non-Steroid, Left Ventricular</b>
<b>08.08.06 - Transvenous, Uni-Polar, Passive, Steroid, Left Ventricular</b>
<b>08.08.07 - Transvenous, Bi-Polar, Passive, Non-Steroid, Right Ventricular/Atrial</b>
<b>08.08.08 - Transvenous, Bi-Polar, Passive, Steroid, Right Ventricular/Atrial</b>
j
k
<b>08.08.09 - Transvenous, Bi-Polar, Active, Steroid, Right Ventricular/Atrial</b>
j
<b>08.08.10 - Transvenous, Bi-Polar, Active, Non-Steroid, Right Ventricular/Atrial</b>
<b>08.08.11 - Transvenous, Multi-Polar, Passive, Steroid, Left Ventricular</b>
j
<b>08.08.12 - Transvenous, Uni-Polar, Active, Steroid, Right Ventricular/Atrial</b>
<b>08.08.13 - Transvenous, Active, Steroid, Left Ventricular</b>

## Cardiac Grouping Scheme and Benefits

Groupings
<b>08.09 - Pacemaker/ICD Adaptors</b>
<b>08.09.01 - Pacemaker/ICD Adaptors</b>
<b>08.10 - Pacemaker/ICD Extenders</b>
<b>08.10.01 - Pacemaker/ICD Adaptors</b>
<b>08.11 - Pacemaker/Lead Accessories</b>
<b>08.11.01 - Pacemaker/Lead Accessories</b>
<b>08.11.02 - Antibacterial Envelope</b>
<b>08.11.02.01 - No SubGroup</b>
<b>08.12 - Coronary Stents</b>
<b>08.12.01 - Drug Eluting</b>
<b>08.12.01.01 - General Purpose</b>
<b>Bioabsorbable</b>
<b>08.12.01.02 - Special Purpose for specific indications</b>
<b>08.12.02 - Bare Metal</b>
<b>08.12.02.01 - General Purpose</b>
<b>08.12.02.02 - Special Purpose for specific indications</b>
l, m
n1
n2
n3
<b>08.13 - Special Purpose Percutaneous Cardiovascular Devices</b>
<b>08.13.01 - Cardiac Defect Occluders</b>
o
p
<b>08.13.02 - Vascular Occlusion Devices</b>
<b>08.13.03 - Left Atrial Appendage Closure</b>
<b>08.13.03.01 - Access System</b>
<b>08.14 - Implantable Cardiac Event Recorders</b>
<b>08.14.01 - Implantable Cardiac Event Recorders</b>
i
<b>08.15 - Stents For Treatment Of Coarctation Of The Aorta</b>
<b>08.15.01 - Uncovered</b>

## Cardiac Grouping Scheme and Benefits

Groupings	
	<b>Balloon- in-Balloon</b>
<b>08.15.02 - Covered</b>	
	<b>Balloon-in-Balloon</b>
<b>08.16 - Remote Monitoring System</b>	
<b>08.16.01 - Remote Monitoring System</b>	
<b>08.17 - Catheter Delivery</b>	
<b>08.17.01 - Transcatheter Aortic Valve Implantation</b>	
<b>08.18 - Cardiac Ablation</b>	
<b>08.18.01 - Radio frequency (RF) Ablation</b>	
<b>08.18.01.01 - Ablation Catheter</b>	
	<b>Abbott</b>
	<b>Biotronik</b>
	<b>Boston Scientific</b>
	<b>Johnson and Johnson</b>
	<b>Medtronic, single unit</b>
	<b>Microport</b>
<b>08.18.01.02 - Patch</b>	
	<b>Abbott</b>
	<b>Boston Scientific</b>
	<b>Johnson and Johnson</b>
	<b>Microport</b>
<b>08.18.01.03 - Mapping Catheter</b>	
	<b>Abbott</b>
	<b>Boston Scientific</b>
	<b>Johnson and Johnson</b>
	<b>Microport</b>
<b>08.18.02 - Cryoablation</b>	
<b>08.18.02.01 - Ablation Catheter</b>	
<b>08.18.02.02 - Mapping Catheter</b>	

## **Cardiac Grouping Scheme and Benefits**

### **SUFFIXES AND DEFINITIONS FOR CARDIAC**

#### ***Suffixes in Single Chamber/ Dual Chamber ICDs & ICD with CRT Groups***

- a** high energy device, which delivers a shock of greater than or equal to 35 joules for specified patients
- b** custom headers, which are used in some patients with older implanted leads with a higher profile adaptor
- c** ICDs with therapies for Atrial Tachyarrhythmias which deliver atrial as well as ventricular antitachycardia pacing
- d** devices capable of wireless communication for the transmission of programmed parameters, collected diagnostics and alerts with the ability to automatically transmit this information to a remote site for analysis
- e** DS4 connection (***also applicable to ICD leads group***)

#### ***Suffixes in Single Chamber/ Dual Chamber Pacemakers & CRT Pacemakers Groups***

- f** small pacemakers (less than 7cc in size) for pacing in infant patients
- g** pacemakers with therapies for Atrial Tachyarrhythmias, which deliver atrial antitachycardia pacing
- h** single or dual chamber pacemakers with custom headers, which are used in some patients with older implanted leads (non IS1 leads) with a higher profile adaptor
- l** devices capable of wireless communication for the transmission of programmed parameters, collected diagnostics and alerts with the ability to automatically transmit this information to a remote site for analysis

#### ***Suffixes in Pacemaker Leads Group***

- j** catheter delivered pacing leads that are small in size
- k** VDD leads that offer sensing in both the atrium & ventricle

#### ***Suffixes in Coronary Stents Group***

- l** vein graft stenosis
- m** perforation or rupture or coronary aneurysm
- n** bifurcation devices
  - n1** true bifurcated "Y" devices
  - n2** principally main branch devices with a side branch access
  - n3** principally side branch devices with main branch access

#### ***Suffixes in Special Purpose Percutaneous Cardiovascular Devices - Cardiac Defect Occluders***

- o** bileaflet, defect, occluding devices
- p** staple, clip & apposition devices