| **Groupings** |
| --- |
| **08 - Cardiac** |
| **08.01 - Single Chamber ICDs** |
| **08.01.01 - 29-42cc, 5-7 yrs longevity, Lead perf trends, Complex arrhythmia logging + memory features, adv data collect + storage** |
|  |
| **a** |
| **a,c,d** |
| **a,d** |
| **a,d,e** |
| **d** |
| **08.01.02 - Features of 8.1.1 plus auto test sensing parameters, auto capture threshold test, lead impedance test, wireless remote analysis** |
| **a, d** |
| **a, d, e** |
| **d** |
| **08.01.03 - Single Chamber, Subcutaneous** |
|  |
| **08.02 - Dual Chamber ICDs** |
| **08.02.01 - 29-42cc, 5-7 yrs longevity, Lead perf trends, Complex arrhythmia logging + memory features, adv data collect + storage** |
|  |
| **a** |
| **a,c,d** |
| **a,d** |
| **a,d,e** |
| **c** |
| **d** |
| **08.02.02 - Features of 8.2.1 plus auto test sensing parameters, auto capture threshold test, lead impedance test, wireless remote analysis** |
| **a,c,d** |
| **a,c,d,e** |
| **a,d** |
| **a,d,e** |
| **d** |
| **08.03 - ICDs with CRT** |
| **08.03.01 - Dual Chamber, Bivent pacing, Vent tachyarrhythmia treatment, programming enabling variation L vent & R vent stimulation timing & independent outputs** |
|  |
| **a** |
| **a,c** |
| **a,c,d** |
| **a,d** |
| **a,d,e** |
| **c** |
| **d** |
| **08.03.02 - Features of 8.3.1 plus auto test sensing parameters, auto capture threshold test, lead impedance test, wireless remote analysis** |
| **a,c,d** |
| **a,c,d,e** |
| **a,d** |
| **a,d,e** |
| **d** |
| **08.04 - Single Chamber Pacemakers** |
| **08.04.01 - SSI pacemakers & SSIC (SSI with communication capability) pacemakers** |
|  |
| **08.04.02 - SSIR pacemakers with rate responsive feature** |
|  |
| **08.04.03 - SSIR with small/compact size, multi-programmability & longevity, & four or more advanced features** |
|  |
| **f** |
| **i** |
| **08.05 - Dual Chamber Pacemakers** |
| **08.05.01 - DDD/VDD (Communication capability)** |
|  |
| **08.05.02 - DDDR/VDDR including rate responsive feature** |
|  |
| **08.05.03 - DDDR with four or more advanced features** |
|  |
| **g** |
| **i** |
| **08.05.04 - DDDR with continuous threshold monitoring in atrium + ventricle with ability to adapt pacing outputs accordingly, & with four or more advanced features** |
|  |
| **g** |
| **i** |
| **08.06 - CRT Pacemakers** |
| **08.06.01 - Dual Chamber, Biven pacing, programming enabling variation of L vent & R vent stimulation timing & independent outputs** |
|  |
| **i** |
| **08.06.02 - Features of 8.6.1 plus continuous threshold monitoring in atrium & ventricle with ability to adapt pacing outputs accordingly** |
|  |
| **g** |
| **i** |
| **08.07 - ICD Leads** |
| **08.07.01 - Coronary Sinus** |
|  |
| **08.07.02 - Subcutaneous** |
|  |
| **08.07.03 - Transvenous/Nonsteroid/Active** |
| **08.07.04 - Transvenous/Nonsteroid/Passive** |
| **08.07.05 - Transvenous/Steroid/Passive** |
|  |
| **e** |
| **08.07.06 - Transvenous/Steroid/Active** |
|  |
| **e** |
| **08.07.07 - Epicardial Patches** |
|  |
| **08.08 - Pacemaker Leads** |
| **08.08.01 - Non-transvenous, Bi-Polar, Steroid** |
|  |
| **08.08.02 - Non-transvenous, Uni-Polar, Steroid** |
|  |
| **08.08.03 - Non-transvenous, Uni-Polar, Non-Steroid** |
|  |
| **08.08.04 - Transvenous, Uni-Polar, Passive, Steroid, Right Ventricular/Atrial** |
|  |
| **08.08.05 - Transvenous, Uni-Polar, Passive, Non-Steroid, Left Ventricular** |
|  |
| **08.08.06 - Transvenous, Uni-Polar, Passive, Steroid, Left Ventricular** |
|  |
| **08.08.07 - Transvenous, Bi-Polar, Passive, Non-Steroid, Right Ventricular/Atrial** |
| **08.08.08 - Transvenous, Bi-Polar, Passive, Steroid, Right Ventricular/Atrial** |
|  |
| **j** |
| **k** |
| **08.08.09 - Transvenous, Bi-Polar, Active, Steroid, Right Ventricular/Atrial** |
|  |
| **j** |
| **08.08.10 - Transvenous, Bi-Polar, Active, Non-Steroid, Right Ventricular/Atrial** |
| **08.08.11 - Transvenous, Multi-Polar, Passive, Steroid, Left Ventricular** |
|  |
| **j** |
| **08.08.12 - Transvenous, Uni-Polar, Active, Steroid, Right Ventricular/Atrial** |
| **08.08.13 - Transvenous, Active, Steroid, Left Ventricular** |
|  |
| **08.09 - Pacemaker/ICD Adaptors** |
| **08.09.01 - Pacemaker/ICD Adaptors** |
|  |
| **08.10 - Pacemaker/ICD Extenders** |
| **08.10.01 - Pacemaker/ICD Adaptors** |
|  |
| **08.11 - Pacemaker/Lead Accessories** |
| **08.11.01 - Pacemaker/Lead Accessories** |
|  |
| **08.11.02 - Antibacterial Envelope** |
| **08.11.02.01 - No SubGroup** |
|  |
| **08.12 - Coronary Stents** |
| **08.12.01 - Drug Eluting** |
| **08.12.01.01 - General Purpose** |
|  |
| **Bioabsorbable** |
| **08.12.01.02 - Special Purpose for specific indications** |
| **08.12.02 - Bare Metal** |
| **08.12.02.01 - General Purpose** |
|  |
| **08.12.02.02 - Special Purpose for specific indications** |
| **l, m** |
| **n1** |
| **n2** |
| **n3** |
| **08.13 - Special Purpose Percutaneous Cardiovascular Devices** |
| **08.13.01 - Cardiac Defect Occluders** |
|  |
| **o** |
| **p** |
| **08.13.02 - Vascular Occlusion Devices** |
|  |
| **08.13.03 - Left Atrial Appendage Closure** |
|  |
| **08.13.03.01 - Access System** |
|  |
| **08.14 - Implantable Cardiac Event Recorders** |
| **08.14.01 - Implantable Cardiac Event Recorders** |
|  |
| **i** |
| **08.15 - Stents For Treatment Of Coarctation Of The Aorta** |
| **08.15.01 - Uncovered** |
|  |
| **Balloon- in-Balloon** |
| **08.15.02 - Covered** |
|  |
| **Balloon-in-Balloon** |
| **08.16 - Remote Monitoring System** |
| **08.16.01 - Remote Monitoring System** |
|  |
| **08.17 - Catheter Delivery** |
| **08.17.01 - Transcatheter Aortic Valve Implantation** |
|  |
| **08.18 - Cardiac Ablation** |
| **08.18.01 - Radio frequency (RF) Ablation** |
| **08.18.01.01 - Ablation Catheter** |
| **Abbott** |
| **Biotronik** |
| **Boston Scientific** |
| **Johnson and Johnson** |
| **Medtronic, single unit** |
| **Microport** |
| **08.18.01.02 - Patch** |
| **Abbott** |
| **Boston Scientific** |
| **Johnson and Johnson** |
| **Microport** |
| **08.18.01.03 - Mapping Catheter** |
| **Abbott** |
| **Boston Scientific** |
| **Johnson and Johnson** |
| **Microport** |
| **08.18.02 - Cryoablation** |
| **08.18.02.01 - Ablation Catheter** |
|  |
| **08.18.02.02 - Mapping Catheter** |
|  |

**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

**I** 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