



Ordering Cardiac Devices or Interventional Cardiology Procedures

Pacemaker, Defibrillator, Cardiac Resynchronization Therapy Pacemaker, Cardiac Resynchronization Therapy Defibrillator, Cardiac Mobile Outpatient Telemetry, Transcatheter Mitral Valve Repair, Cardiac Implantable Hemodynamic Monitor (CardioMEMS), Transcatheter Aortic Valve Replacement, Cardiac Ablation and Electrophysiology Study

When ordering cardiac devices or interventional cardiology procedures, the services will be identified as a bundle of codes instead of a single procedure code to more efficiently facilitate the authorization process. The following list describes the services to be performed, the combination of codes included, and the associated Bundle ID. Please refer to this Bundle ID when submitting your request.

Add-on codes are not managed by HealthHelp but are appropriate as related to the HealthHelp managed primary code.

Pacemakers

HealthHelp Bundle ID	Procedure Description	Primary Procedures	Additional Procedures
CPDIB	Pacemaker - Initial pulse generator insertion or replacement plus insertion of transvenous dual leads (33208, C1785, C2619, C1779, C1898)	33208, C1785, C2619, C1779, C1898	
CPSIA	Pacemaker - Initial pulse generator insertion or replacement plus insertion of transvenous single lead - atrial (33206, C1786, C2620, C1779, C1898)	33206, C1786, C2620, C1779, C1898	
CPSIV	Pacemaker - Initial pulse generator insertion or replacement plus insertion of transvenous single lead - ventricular (33207, C1786, C2620, C1779, C1898)	33207, C1786, C2620, C1779, C1898	
CPDSL	Pacemaker - Insertion transvenous dual leads only w/o pulse generator (33217, C1779, C1898)	33217, C1779, C1898	
CPSSL	Pacemaker - Insertion transvenous single lead only w/o pulse generator (33216, C1779, C1898)	33216, C1779, C1898	
CPDIG	Pacemaker - Pulse generator insertion only; existing dual leads (33213, C1785, C2619)	33213, C1785, C2619	
CPSIG	Pacemaker - Pulse generator insertion only; existing single lead (33212, C1786, C2620)	33212, C1786, C2620	
CPDSB	Pacemaker - Removal and replacement of pulse generator and transvenous electrodes, dual leads (33208, 33233, 33235, C1785, C2619, C1779, C1898)	33208, 33233, 33235, C1785, C2619, C1779, C1898	
CPSSA	Pacemaker - Removal and replacement of pulse generator and transvenous electrodes, single lead, atrial (33206, 33233, 33234, C1786, C2619, C1779, C1898)	33206, 33233, 33234, C1786, C2619, C1779, C1898	

Pacemakers

HealthHelp Bundle ID	Procedure Description	Primary Procedures	Additional Procedures
CPSSV	Pacemaker - Removal and replacement of pulse generator and transvenous electrodes, single lead, ventricular (33207, 33233, 33234, C1785, C2619, C1779, C1898)	33207, 33233, 33234, C1785, C2619, C1779, C1898	
CPDSG	Pacemaker - Removal and replacement of pulse generator only; dual lead system (33228, C1785, C2619)	33228, C1785, C2619	
CPSSG	Pacemaker - Removal and replacement of pulse generator only; single lead system (33227, C1786, C2620)	33227, C1786, C2620	
CPURG	Pacemaker - Removal pulse generator only w/o replacement (33233)	33233	
CPDRL	Pacemaker - Removal transvenous electrode only dual lead system (33235)	33235	
CPSRL	Pacemaker - Removal transvenous electrode only single lead system (33234)	33234	
CPDUB	Pacemaker - Upgrade single chamber to dual chamber (33214, C1785, C2619, C1779, C1898)	33214, C1785, C2619, C1779, C1898	

Defibrillators

HealthHelp Bundle ID	Procedure Description	Primary Procedures	Additional Procedures
CDDUB	Defibrillator - Dual chamber pacemaker upgrade to dual chamber ICD w/insertion of new RA and ventricular leads (33249, 33233, 33235, C1721, C1895)	33249, 33233, 33235, C1721, C1895	
CDUIU	Defibrillator - Initial insertion or replacement of generator and lead; single or dual chamber (33249, C1721, C1722, C1777, C1895)	33249, C1721, C1722, C1777, C1895	
CDSIG	Defibrillator - Initial pulse generator insertion only with existing single lead (33240, C1722)	33240, C1722	
CDDIG	Defibrillator - Insertion of pulse generator only; with existing dual leads (33230, C1721)	33230, C1721	
CDDSL	Defibrillator - Insertion transvenous dual leads only w/o pulse generator (33217, C1895)	33217, C1895	
CDSSL	Defibrillator - Insertion transvenous single lead only w/o pulse generator (33216, C1777)	33216, C1777	
CDUSU	Defibrillator - Removal and replacement of pulse generator and transvenous electrodes (33249, 33241, 33244, C1722, C1721, C1882, C1777, C1895, C1896)	33249, 33241, 33244, C1722, C1721, C1882, C1777, C1895, C1896	
CDDSG	Defibrillator - Removal and replacement of pulse generator only; dual lead system (33263, C1721)	33263, C1721	
CDSSG	Defibrillator - Removal and replacement pulse generator only; single lead system (33262, C1722)	33262, C1722	
CDURG	Defibrillator - Removal pulse generator only w/o replacement (33241)	33241	
CDURL	Defibrillator - Removal transvenous electrode only; single or dual lead system (33244)	33244	
CDDUU	Defibrillator - Single chamber ICD upgrade to dual chamber ICD (33249, 33241, C1721, C1777)	33249, 33241, C1721, C1777	

Cardiac Resynchronization Therapy Pacemaker (CRT-P)

HealthHelp Bundle ID	Procedure Description	Primary Procedures	Additional Procedures
CAPUD	CRT-P - Conversion of existing dual lead pacemaker system to bi-ventricular system (33228, 33225, C1900, C1785, C2619, C1779, C1898)	33228, C1900, C1785, C2619, C1779, C1898	33225
CAPUM	CRT-P - Conversion of existing multiple lead pacemaker system to bi-ventricular system (33229, 33225, C1900, C1785, C2619, C1779, C1898)	33229, C1900, C1785, C2619, C1779, C1898	33225
CAMUR	CRT-P - Dual chamber pacemaker upgrade to CRT-P (33208, 33233, 33235, 33225, C1785, C2619, C1900, C1779, C1898)	33208, 33233, 33235, C1785, C2619, C1900, C1779, C1898	33225
CAMIR	CRT-P - Initial pulse generator insertion or replacement plus insertion of transvenous multiple leads (33208, 33225, C1900, C1785, C2619, C1779, C1898)	33208, C1900, C1785, C2619, C1779, C1898	33225
CASIV	CRT-P - Initial pulse generator insertion or replacement plus insertion of transvenous ventricular lead (33207, 33225, C1900, C1785, C2619, C1779, C1898)	33207, C1900, C1785, C2619, C1779, C1898	33225
CAMSL	CRT-P - Insertion transvenous multiple leads only w/o pulse generator (33217, 33224, C1779, C1898)	33217, 33224, C1779, C1898	
CAMIG	CRT-P - Pulse generator insertion only; existing multiple leads (33221, C1785, C2619, C2621)	33221, C1785, C2619, C2621	
CADSR	CRT-P - Removal and replacement of pulse generator and transvenous electrodes, dual leads, biventricular (33208, 33225, 33233, 33235, C1900, C1785, C2619, C1779, C1898)	33208, 33233, 33235, C1900, C1785, C2619, C1779, C1898	33225
CASSR	CRT-P - Removal and replacement of pulse generator and transvenous electrodes, single lead, biventricular (33207, 33225, 33233, 33234, C1900, C1785, C2619, C1779, C1898)	33207, 33233, 33234, C1900, C1785, C2619, C1779, C1898	33225
CAMSG	CRT-P - Removal and replacement of pulse generator only; existing multiple lead system (33229, C1785, C2619, C2621, C1786, C2620)	33229, C1785, C2619, C2621, C1786, C2620	
CASUR	CRT-P - Single chamber pacemaker upgrade to CRT-P (33214, 33225, C1900, C1785, C2619, C1779, C1898)	33214, C1900, C1785, C2619, C1779, C1898	33225

Cardiac Resynchronization Therapy Defibrillator (CRT-D)

HealthHelp Bundle ID	Procedure Description	Primary Procedures	Additional Procedures
CEBUD	CRT-D - Conversion of existing dual lead implantable defibrillator system to bi-ventricular system (33263, 33225, C1900, C1721, C1722, C1882, C1777, C1895, C1896)	33263, C1900, C1721, C1722, C1882, C1777, C1895, C1896	33225
CEIUD	CRT-D - Conversion of existing dual lead pacemaker to bi-ventricular system (33249, 33225, 33233, 33235, C1900, C1721, C1722, C1882, C1777, C1895, C1896)	33249, 33233, 33235, C1900, C1721, C1722, C1882, C1777, C1895, C1896	33225
CEIED	CRT-D - Conversion of existing dual lead pacemaker to insert bi-ventricular generator using existing leads (33230, 33225, 33233, C1900, C1721, C1722, C1882)	33230, 33233, C1900, C1721, C1722, C1882	33225
CEBUM	CRT-D - Conversion of existing multiple lead implantable defibrillator system to bi-ventricular system (33264, 33225, C1900, C1721, C1722, C1882, C1777, C1895, C1896)	33264, C1900, C1721, C1722, C1882, C1777, C1895, C1896	33225
CEIEM	CRT-D - Conversion of existing multiple lead pacemaker to insert bi-ventricular generator using existing leads (33231, 33225, 33233, C1900, C1721, C1722, C1882)	33231, 33233, C1900, C1721, C1722, C1882	33225
CEIUS	CRT-D - Conversion of existing single lead pacemaker to bi-ventricular system (33249, 33225, 33233, 33234, C1900, C1721, C1722, C1882, C1777, C1895, C1896)	33249, 33233, 33234, C1900, C1721, C1722, C1882, C1777, C1895, C1896	33225
CEIES	CRT-D - Conversion of existing single lead pacemaker to insert bi-ventricular generator using existing leads (33240, 33225, 33233, C1900, C1721, C1722, C1882)	33240, 33233, C1900, C1721, C1722, C1882	33225
CEMIR	CRT-D - Initial insertion or replacement of generator and leads; multiple leads (33249, 33225, C1900, C1721, C1722, C1882, C1777, C1895, C1896)	33249, C1900, C1721, C1722, C1882, C1777, C1895, C1896	33225
CEUSL	CRT-D - Insertion LV transvenous pacing lead (33224, C1900)	33224, C1900	
CEMIG	CRT-D - Insertion of pulse generator only; with existing multiple leads (33231, C1721, C1882)	33231, C1721, C1882	
CEMSL	CRT-D - Insertion transvenous multiple leads only w/o pulse generator (33217, 33224, C1900, C1895)	33217, 33224, C1900, C1895	
CEMSG	CRT-D - Removal and replacement of pulse generator only; multiple lead system (33264, C1882)	33264, C1882	
CEUUR	CRT-D - Single or dual chamber ICD upgrade to CRT-D w/new RA and/or RV leads, LV lead insertion (33249, 33225, 33241, C1900, C1721, C1722, C1882, C1777, C1895, C1896)	33249, 33241, C1900, C1721, C1722, C1882, C1777, C1895, C1896	33225
CEMSR	CRT-D - Removal or replacement of generator and leads (33249, 33225, 33241, 33244, C1900, C1721, C1722, C1882, C1777, C1895, C1896)	33249, 33241, 33244, C1900, C1721, C1722, C1882, C1777, C1895, C1896	33225

Mobile Cardiovascular Telemetry

HealthHelp Bundle ID	Procedure Description	Primary Procedures	Additional Procedures
CMCT1	External mobile cardiovascular telemetry (MCT) with electrocardiographic recording, up to 30 days; review and interpretation by a physician, plus technical support (93228,93229)	93228, 93229	

Transcatheter Mitral Valve Repair

HealthHelp Bundle ID	Procedure Description	Primary Procedures	Additional Procedures
TMV01	TMVR, percutaneous, initial vessel with additional prosthesis (33418,33419)	33418	33419
TMV02	TMVR, percutaneous, initial vessel with intracardiac TEE (33418,93355)	33418	93355
TMV03	TMVR, percutaneous, initial vessel with additional prosthesis with intracardiac TEE (33418,33419,93355)	33418	33419, 93355
TMV04	TMVR percutaneous, initial vessel with CPB with percutaneous peripheral arterial and venous cannulation (33418,33367)	33418	33367
TMV05	TMVR percutaneous, initial vessel with additional prosthesis with CPB with percutaneous peripheral arterial and venous cannulation (33418,33419,33367)	33418	33419, 33367
TMV06	TMVR percutaneous, initial vessel with CPB with central arterial and venous cannulation (33418,33369)	33418	33369
TMV07	TMVR percutaneous, initial vessel with additional prosthesis with CPB with central arterial and venous cannulation (33418,33419,33369)	33418	33419, 33369
TMV08	TMVR percutaneous with CPB with open peripheral arterial and venous cannulation (33418,33368)	33418	33368
TMV09	TMVR percutaneous with CPB with open peripheral arterial and venous cannulation with intracardiac TEE (33418,33368,93355)	33418	33368, 93355

Cardiac Implantable Hemodynamic Monitor (CardioMEMS)

HealthHelp Bundle ID	Procedure Description	Primary Procedures	Additional Procedures
CMEMS	Transcatheter implantation of wireless pulmonary artery pressure sensor, including DME wireless pressure sensor (33289,C2624)	33289,C2624	

Transcatheter Aortic Valve Replacement

HealthHelp Bundle ID	Procedure Description	Primary Procedures	Additional Procedures
TAV01	TAVR/TAVI percutaneous femoral with CPB with percutaneous peripheral arterial and venous cannulation (33361,33367)	33361	33367
TAV02	TAVR/TAVI open femoral with CPB with percutaneous peripheral arterial and venous cannulation (33362,33367)	33362	33367
TAV03	TAVR/TAVI open axillary with CPB with percutaneous peripheral arterial and venous cannulation (33363,33367)	33363	33367
TAV04	TAVR/TAVI open iliac with CPB with percutaneous peripheral arterial and venous cannulation (33364,33367)	33364	33367
TAV05	TAVR/TAVI transaortic with CPB with percutaneous peripheral arterial and venous cannulation (33365,33367)	33365	33367
TAV06	TAVR/TAVI transapical with CPB with percutaneous peripheral arterial and venous cannulation (33366,33367)	33366	33367
TAV07	TAVR/TAVI percutaneous femoral with CPB with open peripheral arterial and venous cannulation (33361,33368)	33361	33368
TAV08	TAVR/TAVI open femoral with CPB with open peripheral arterial and venous cannulation (33362,33368)	33362	33368
TAV09	TAVR/TAVI open axillary with CPB with open peripheral arterial and venous cannulation (33363,33368)	33364	33368
TAV10	TAVR/TAVI open iliac with CPB with open peripheral arterial and venous cannulation (33364,33368)	33365	33368
TAV11	TAVR/TAVI transaortic with CPB with open peripheral arterial and venous cannulation (33365,33368)	33366	33368
TAV12	TAVR/TAVI transapical with CPB with open peripheral arterial and venous cannulation (33366,33368)	33366	33368
TAV13	TAVR/TAVI percutaneous femoral with CPB with central arterial and venous cannulation (33361,33369)	33361	33369
TAV14	TAVR/TAVI open femoral with CPB with central arterial and venous cannulation (33362,33369)	33362	33369
TAV15	TAVR/TAVI open axillary with CPB with central arterial and venous cannulation (33363,33369)	33363	33369
TAV16	TAVR/TAVI open iliac with CPB with central arterial and venous cannulation (33364,33369)	33364	33369
TAV17	TAVR/TAVI transaortic with CPB with central arterial and venous cannulation (33365,33369)	33365	33369
TAV18	TAVR/TAVI transapical with CPB with central arterial and venous cannulation (33366,33369)	33366	33369
TAV19	TAVR/TAVI percutaneous femoral with CPB with percutaneous peripheral arterial and venous cannulation with intracardiac TEE (33361,33367,93355)	33361	33367, 93355
TAV20	TAVR/TAVI open femoral with CPB with percutaneous peripheral arterial and venous cannulation with intracardiac TEE (33362,33367,93355)	33362	33367, 93355

Transcatheter Aortic Valve Replacement

HealthHelp Bundle ID	Procedure Description	Primary Procedures	Additional Procedures
TAV21	TAVR/TAVI open axillary with CPB with percutaneous peripheral arterial and venous cannulation with intracardiac TEE (33363,33367,93355)	33363	33367, 93355
TAV22	TAVR/TAVI open iliac with CPB with percutaneous peripheral arterial and venous cannulation with intracardiac TEE (33364,33367,93355)	33364	33367, 93355
TAV23	TAVR/TAVI transaortic with CPB with percutaneous peripheral arterial and venous cannulation with intracardiac TEE (33365,33367,93355)	33365	33367, 93355
TAV24	TAVR/TAVI transapical with CPB with percutaneous peripheral arterial and venous cannulation with intracardiac TEE (33366,33367,93355)	33366	33367, 93355
TAV25	TAVR/TAVI percutaneous femoral with CPB with open peripheral arterial and venous cannulation with intracardiac TEE (33361,33368,93355)	33361	33368, 93355
TAV26	TAVR/TAVI open femoral with CPB with open peripheral arterial and venous cannulation with intracardiac TEE (33362,33368,93355)	33362	33368, 93355
TAV27	TAVR/TAVI open axillary with CPB with open peripheral arterial and venous cannulation with intracardiac TEE (33363,33368,93355)	33363	33368, 93355
TAV28	TAVR/TAVI open iliac with CPB with open peripheral arterial and venous cannulation with intracardiac TEE (33364,33368,93355)	33364	33368, 93355
TAV29	TAVR/TAVI transaortic with CPB with open peripheral arterial and venous cannulation with intracardiac TEE (33365,33368,93355)	33365	33368, 93355
TAV30	TAVR/TAVI transapical with CPB with open peripheral arterial and venous cannulation with intracardiac TEE (33366,33368,93355)	33366	33368, 93355
TAV31	TAVR/TAVI percutaneous femoral with CPB with central arterial and venous cannulation with intracardiac TEE (33361,33369,93355)	33361	33369, 93355
TAV32	TAVR/TAVI open femoral with CPB with central arterial and venous cannulation with intracardiac TEE (33362,33369,93355)	33362	33369, 93355
TAV33	TAVR/TAVI open axillary with CPB with central arterial and venous cannulation with intracardiac TEE (33363,33369,93355)	33363	33369, 93355
TAV34	TAVR/TAVI open iliac with CPB with central arterial and venous cannulation with intracardiac TEE (33364,33369,93355)	33364	33369, 93355
TAV35	TAVR/TAVI transaortic with CPB with central arterial and venous cannulation with intracardiac TEE (33365,33369,93355)	33365	33369, 93355
TAV36	TAVR/TAVI transapical with CPB with central arterial and venous cannulation with intracardiac TEE (33366,33369,93355)	33366	33369, 93355

Cardiac Ablation

HealthHelp Bundle ID	Procedure Description	Primary Procedures	Additional Procedures
AB001	AV node ablation with mapping (93650,93609)	93650	93609
AB002	AV node ablation with 3D mapping (93650,93613)	93650	93613
AB003	AV node ablation with Bundle of His recording (93650,93600)	93650	93600
AB004	AV node ablation with intra-arterial recording (93650,93602)	93650	93602
AB005	AV node ablation with right ventricular recording (93650,93603)	93650	93603
AB006	AV node ablation with intra-atrial pacing (93650,93610)	93650, 93610	
AB007	AV node ablation with right ventricular pacing (93650,93612)	93650, 93612	
AB008	AV node ablation with induction of arrhythmia (93650,93618)	93650, 93618	
AB009	AV node ablation with comprehensive EP study (93650,93619)	93650, 93619	
AB010	AV node ablation with comprehensive EP study with induction of arrhythmia (93650,93620)	93650, 93620	
AB011	AV node ablation with comprehensive EP study with induction of arrhythmia with left atrial pacing and recording (93650,93620,93621)	93650, 93620	93621
AB012	AV node ablation with comprehensive EP study with induction of arrhythmia with left ventricular pacing and recording (93650,93620,93622)	93650, 93620	93622
AB013	AV node ablation with comprehensive EP study with induction of arrhythmia with programmed stimulation and pacing after IV drug infusion (93650,93620,93623)	93650, 93620	93623
AB014	Comprehensive EPS atrial ablation with mapping (93653,93609)	93653	93609
AB015	Comprehensive EPS atrial ablation with 3D mapping (93653,93613)	93653	93613
AB016	Comprehensive EPS atrial ablation with left atrial pacing and recording (93653,93621)	93653	93621
AB017	Comprehensive EPS atrial ablation with left ventricular pacing and recording (93653,93622)	93653	93622
AB018	Comprehensive EPS with atrial ablation and programmed stimulation and pacing after IV drug infusion (93653,93623)	93653	93623
AB019	Comprehensive EPS atrial ablation with mapping and intracardiac echo (93653,93609,93662)	93653	93609, 93662
AB020	Comprehensive EPS atrial ablation with mapping and transesophageal echo (93653,93609,93355)	93653	93609, 93355
AB021	Comprehensive EPS atrial ablation with 3D mapping and intracardiac echo (93653,93613,93662)	93653	93613, 93662
AB022	Comprehensive EPS atrial ablation with 3D mapping and transesophageal echo (93653,93613,93355)	93653	93613, 93355
AB023	Comprehensive EPS with atrial ablation and ablation of additional discrete arrhythmia focus (93653,93655)	93653	93655
AB024	Comprehensive EPS with atrial ablation and ablation of additional discrete arrhythmia focus with mapping and intracardiac echo (93653,93655,93609,93662)	93653	93655, 93609, 93662
AB025	Comprehensive EPS with atrial ablation and ablation of additional discrete arrhythmia focus with mapping and transesophageal echo (93653,93655,93609,93355)	93653	93655, 93609, 93355

Cardiac Ablation

HealthHelp Bundle ID	Procedure Description	Primary Procedures	Additional Procedures
AB026	Comprehensive EPS with atrial ablation and ablation of additional discrete arrhythmia focus with 3D mapping and intracardiac echo (93653,93655,93613,93662)	93653	93655, 93613, 93662
AB027	Comprehensive EPS with atrial ablation and ablation of additional discrete arrhythmia focus with 3D mapping and transesophageal echo (93653,93655,93613,93355)	93653	93655, 93613, 93355
AB028	Comprehensive EPS atrial ablation with left atrial pacing and recording with mapping and intracardiac echo (93653,93621,93609,93662)	93653	93621, 93609, 93662
AB029	Comprehensive EPS atrial ablation with left atrial pacing and recording with mapping and transesophageal echo (93653,93621,93609,93355)	93653	93621, 93609, 93355
AB030	Comprehensive EPS atrial ablation with left atrial pacing and recording with 3D mapping and intracardiac echo (93653,93621,93613,93662)	93653	93621, 93613, 93662
AB031	Comprehensive EPS atrial ablation with left atrial pacing and recording with 3D mapping and transesophageal echo (93653,93621,93613,93355)	93653	93621, 93613, 93355
AB032	Comprehensive EPS atrial ablation with left ventricular pacing and recording, mapping and intracardiac echo (93653,93622,93609,93662)	93653	93622, 93609, 93662
AB033	Comprehensive EPS atrial ablation with left ventricular pacing and recording, mapping and transesophageal echo (93653,93622,93609,93355)	93653	93622, 93609, 93355
AB034	Comprehensive EPS atrial ablation with left ventricular pacing and recording, 3D mapping and intracardiac echo (93653,93622,93613,93662)	93653	93622, 93613, 93662
AB035	Comprehensive EPS atrial ablation with left ventricular pacing and recording, 3D mapping and transesophageal echo (93653,93622,93613,93355)	93653	93622, 93613, 93355
AB036	Comprehensive EPS atrial ablation with programmed stimulation and pacing after IV drug infusion, mapping and intracardiac echo (93653,93623,93609,93662)	93653	93623, 93609, 93662
AB037	Comprehensive EPS atrial ablation with programmed stimulation and pacing after IV drug infusion, mapping and transesophageal echo (93653,93623,93609,93355)	93653	93623, 93609, 93355
AB038	Comprehensive EPS atrial ablation with programmed stimulation and pacing after IV drug infusion, 3D mapping and intracardiac echo (93653,93623,93613,93662)	93653	93623, 93613, 93662
AB039	Comprehensive EPS atrial ablation with programmed stimulation and pacing after IV drug infusion, 3D mapping and transesophageal echo (93653,93623,93613,93355)	93653	93623, 93613, 93355
AB040	Comprehensive EPS atrial ablation with ablation additional discrete arrhythmia focus, programmed stimulation and pacing after IV drug infusion, mapping and intracardiac echo (93653,93655,93623,93609,93662)	93653	93655, 93623, 93609, 93662
AB041	Comprehensive EPS atrial ablation with ablation additional discrete arrhythmia focus, programmed stimulation and pacing after IV drug infusion, mapping and transesophageal echo (93653,93655,93623,93609,93355)	93653	93655, 93623, 93609, 93355
AB042	Comprehensive EPS atrial ablation with ablation additional discrete arrhythmia focus, programmed stimulation and pacing after IV drug infusion, 3D mapping and intracardiac echo (93653,93655,93623,93613,93662)	93653	93655, 93623, 93613, 93662
AB043	Comprehensive EPS atrial ablation with ablation additional discrete arrhythmia focus, programmed stimulation and pacing after IV drug infusion, 3D mapping and transesophageal echo (93653,93655,93623,93613,93355)	93653	93655, 93623, 93613, 93355

Cardiac Ablation

HealthHelp Bundle ID	Procedure Description	Primary Procedures	Additional Procedures
AB044	Comprehensive EPS atrial ablation with programmed stimulation and pacing after IV drug infusion and 3D mapping (93653,93623,93613)	93653	93623, 93613
AB045	Comprehensive EPS atrial ablation with ablation additional discrete arrhythmia focus, programmed stimulation and pacing after IV drug infusion, 3D mapping (93653,93655,93623,93613)	93653	93655, 93623, 93613
AB046	Comprehensive EPS with ventricular ablation, left atrial pacing and recording (93654,93621)	93654	93621
AB047	Comprehensive EPS with ventricular ablation and programmed stimulation and pacing after IV drug infusion (93654,93623)	93654	93623
AB048	Comprehensive EPS with ventricular ablation and intracardiac echo (93654,93662)	93654	93662
AB049	Comprehensive EPS with ventricular ablation and transesophageal echo (93654,93355)	93654	93355
AB050	Comprehensive EPS with ventricular ablation and ablation additional discrete arrhythmia focus (93654,93655)	93654	93655
AB051	Comprehensive EPS with ventricular ablation and ablation additional discrete arrhythmia focus and intracardiac echo (93654,93655,93662)	93654	93655, 93662
AB052	Comprehensive EPS with ventricular ablation and ablation additional discrete arrhythmia focus and transesophageal echo (93654,93655,93355)	93654	93655, 93355
AB053	Comprehensive EPS with ventricular ablation, left atrial pacing and recording and intracardiac echo (93654,93621,93662)	93654	93621, 93662
AB054	Comprehensive EPS with ventricular ablation, left atrial pacing and recording and transesophageal echo (93654,93621,93355)	93654	93621, 93355
AB055	Comprehensive EPS with ventricular ablation and ablation additional discrete arrhythmia focus and left atrial pacing and recording (93654,93655,93621)	93654	93655, 93621
AB056	Comprehensive EPS with ventricular ablation and ablation additional discrete arrhythmia focus, left atrial pacing and recording and intracardiac echo (93654,93655,93621,93662)	93654	93655, 93621, 93662
AB057	Comprehensive EPS with ventricular ablation and ablation additional discrete arrhythmia focus, left atrial pacing and recording and transesophageal echo (93654,93655,93621,93355)	93654	93655, 93621, 93355
AB058	Comprehensive EPS with ventricular ablation, programmed stimulation and pacing after IV drug infusion and intracardiac echo (93654,93623,93662)	93654	93623, 93662
AB059	Comprehensive EPS with ventricular ablation, programmed stimulation and pacing after IV drug infusion and transesophageal echo (93654,93623,93355)	93654	93623, 93355
AB060	Comprehensive EPS with ventricular ablation and ablation additional discrete arrhythmia focus and programmed stimulation and pacing after IV drug infusion (93654,93655,93623)	93654	93655, 93623
AB061	Comprehensive EPS with ventricular ablation and ablation additional discrete arrhythmia focus, programmed stimulation and pacing after IV drug infusion and intracardiac echo (93654,93655,93623,93662)	93654	93655, 93623, 93662

Cardiac Ablation

HealthHelp Bundle ID	Procedure Description	Primary Procedures	Additional Procedures
AB062	Comprehensive EPS with ventricular ablation and ablation additional discrete arrhythmia focus, programmed stimulation and pacing after IV drug infusion and transesophageal echo (93654,93655,93623,93355)	93654	93655, 93623, 93355
AB063	Comprehensive EPS with ablation including transseptal catheterizations with mapping (93656,93609)	93656	93609
AB064	Comprehensive EPS with ablation including transseptal catheterizations with 3D mapping (93656,93613)	93656	93613
AB065	Comprehensive EPS with ablation including transseptal catheterizations with left ventricular pacing and recording (93656,93622)	93656	93622
AB066	Comprehensive EPS with ablation including transseptal catheterizations with programmed stimulation and pacing after IV drug infusion (93656,93623)	93656	93623
AB067	Comprehensive EPS with ablation including transseptal catheterizations with mapping and intracardiac echo (93656,93609,93662)	93656	93609, 93662
AB068	Comprehensive EPS with ablation including transseptal catheterizations with mapping and transesophageal echo (93656,93609,93355)	93656	93609, 93355
AB069	Comprehensive EPS with ablation including transseptal catheterizations with 3D mapping and intracardiac echo (93656,93613,93662)	93656	93613, 93662
AB070	Comprehensive EPS with ablation including transseptal catheterizations with 3D mapping and transesophageal echo (93656,93613,93355)	93656	93613, 93355
AB071	Comprehensive EPS with ablation including transseptal catheterizations and ablation of additional discrete arrhythmia focus (93656,93655)	93656	93655
AB072	Comprehensive EPS with ablation including transseptal catheterizations and ablation of additional discrete arrhythmia focus with mapping and intracardiac echo (93656,93655,93609,93662)	93656	93655, 93609, 93662
AB073	Comprehensive EPS with ablation including transseptal catheterizations and ablation of additional discrete arrhythmia focus with mapping and transesophageal echo (93656,93655,93609,93355)	93656	93655, 93609, 93355
AB074	Comprehensive EPS with ablation including transseptal catheterizations and ablation of additional discrete arrhythmia focus with 3D mapping and intracardiac echo (93656,93655,93613,93662)	93656	93655, 93613, 93662
AB075	Comprehensive EPS with ablation including transseptal catheterizations and ablation of additional discrete arrhythmia focus with 3D mapping and transesophageal echo (93656,93655,93613,93355)	93656	93655, 93613, 93355
AB076	Comprehensive EPS with ablation including transseptal catheterizations and ablation of additional atrial focus for Afib (93656,93657)	93656	93657
AB077	Comprehensive EPS with ablation including transseptal catheterizations and ablation of additional atrial focus for Afib with mapping and intracardiac echo (93656,93657,93609,93662)	93656	93657, 93609, 93662

Cardiac Ablation

HealthHelp Bundle ID	Procedure Description	Primary Procedures	Additional Procedures
AB078	Comprehensive EPS with ablation including transseptal catheterizations and ablation of additional atrial focus for Afib with mapping and transesophageal echo (93656,93657,93609,93355)	93656	93657, 93609, 93355
AB079	Comprehensive EPS with ablation including transseptal catheterizations and ablation of additional atrial focus for Afib with 3D mapping and intracardiac echo (93656,93657,93613,93662)	93656	93657, 93613, 93662
AB080	Comprehensive EPS with ablation including transseptal catheterizations and ablation of additional atrial focus for Afib with 3D mapping and transesophageal echo (93656,93657,93613,93355)	93656	93657, 93613, 93355
AB081	Comprehensive EPS with ablation including transseptal catheterizations with left ventricular pacing and recording and with mapping and intracardiac echo (93656,93622,93609,93662)	93656	93622, 93609, 93662
AB082	Comprehensive EPS with ablation including transseptal catheterizations with left ventricular pacing and recording and with mapping and transesophageal echo (93656,93622,93609,93355)	93656	93622, 93609, 93355
AB083	Comprehensive EPS with ablation including transseptal catheterizations with left ventricular pacing and recording and with 3D mapping and intracardiac echo (93656,93622,93613,93662)	93656	93622, 93613, 93662
AB084	Comprehensive EPS with ablation including transseptal catheterizations with left ventricular pacing and recording and with 3D mapping and transesophageal echo (93656,93622,93613,93355)	93656	93622, 93613, 93355
AB085	Comprehensive EPS with ablation including transseptal catheterizations and ablation of additional discrete arrhythmia focus with left ventricular pacing and recording (93656,93655,93622)	93656	93655, 93622
AB086	Comprehensive EPS with ablation including transseptal catheterizations and ablation of additional discrete arrhythmia focus with left ventricular pacing and recording and with mapping and intracardiac echo (93656,93655,93622,93609,93662)	93656	93655, 93622, 93609, 93662
AB087	Comprehensive EPS with ablation including transseptal catheterizations and ablation of additional discrete arrhythmia focus with left ventricular pacing and recording and with mapping and transesophageal echo (93656,93655,93622,93609,93355)	93656	93655, 93622, 93609, 93355
AB088	Comprehensive EPS with ablation including transseptal catheterizations and ablation of additional discrete arrhythmia focus with left ventricular pacing and recording and with 3D mapping and intracardiac echo (93656,93655,93622,93613,93662)	93656	93655, 93622, 93613, 93662
AB089	Comprehensive EPS with ablation including transseptal catheterizations and ablation of additional discrete arrhythmia focus with left ventricular pacing and recording and with 3D mapping and transesophageal echo (93656,93655,93622,93613,93355)	93656	93655, 93622, 93613, 93355
AB090	Comprehensive EPS with ablation including transseptal catheterizations and ablation of additional atrial focus for Afib with left ventricular pacing and recording (93656,93657,93622)	93656	93657, 93622

Cardiac Ablation

HealthHelp Bundle ID	Procedure Description	Primary Procedures	Additional Procedures
AB091	Comprehensive EPS with ablation including transseptal catheterizations and ablation of additional atrial focus for Afib with left ventricular pacing and recording and with mapping and intracardiac echo (93656,93657,93622,93609,93662)	93656	93657, 93622, 93609, 93662
AB092	Comprehensive EPS with ablation including transseptal catheterizations and ablation of additional atrial focus for Afib with left ventricular pacing and recording and with mapping and transesophageal echo (93656,93657,93622,93609,93355)	93656	93657, 93622, 93609, 93355
AB093	Comprehensive EPS with ablation including transseptal catheterizations and ablation of additional atrial focus for Afib with left ventricular pacing and recording and with 3D mapping and intracardiac echo (93656,93657,93622,93613,93662)	93656	93657, 93622, 93613, 93662
AB094	Comprehensive EPS with ablation including transseptal catheterizations and ablation of additional atrial focus for Afib with left ventricular pacing and recording and with 3D mapping and transesophageal echo (93656,93657,93622,93613,93355)	93656	93657, 93622, 93613, 93355
AB095	Comprehensive EPS with ablation including transseptal catheterizations with programmed stimulation and pacing after IV drug infusion and left ventricular pacing and recording and with mapping and intracardiac echo (93656,93623,93609,93662)	93656	93623, 93609, 93662
AB096	Comprehensive EPS with ablation including transseptal catheterizations with programmed stimulation and pacing after IV drug infusion and left ventricular pacing and recording and with mapping and transesophageal echo (93656,93623,93609,93355)	93656	93623, 93609, 93355
AB097	Comprehensive EPS with ablation including transseptal catheterizations with programmed stimulation and pacing after IV drug infusion and left ventricular pacing and recording and with 3D mapping and intracardiac echo (93656,93623,93613,93662)	93656	93623, 93613, 93662
AB098	Comprehensive EPS with ablation including transseptal catheterizations with programmed stimulation and pacing after IV drug infusion and left ventricular pacing and recording and with 3D mapping and transesophageal echo (93656,93623,93613,93355)	93656	93623, 93613, 93355
AB099	Comprehensive EPS with ablation including transseptal catheterizations and ablation of additional discrete arrhythmia focus with programmed stimulation and pacing after IV drug infusion (93656,93655,93623)	93656	93655, 93623
AB100	Comprehensive EPS with ablation including transseptal catheterizations and ablation of additional discrete arrhythmia focus with programmed stimulation and pacing after IV drug infusion and with mapping and intracardiac echo (93656,93655,93623,93609,93662)	93656	93655, 93623, 93609, 93662
AB101	Comprehensive EPS with ablation including transseptal catheterizations and ablation of additional discrete arrhythmia focus with programmed stimulation and pacing after IV drug infusion and with mapping and transesophageal echo (93656,93655,93623,93609,93355)	93656	93655, 93623, 93609, 93355
AB102	Comprehensive EPS with ablation including transseptal catheterizations and ablation of additional discrete arrhythmia focus with programmed stimulation and pacing after IV drug infusion and with 3D mapping and intracardiac echo (93656,93655,93623,93613,93662)	93656	93655, 93623, 93613, 93662

Cardiac Ablation

HealthHelp Bundle ID	Procedure Description	Primary Procedures	Additional Procedures
AB103	Comprehensive EPS with ablation including transseptal catheterizations and ablation of additional discrete arrhythmia focus with programmed stimulation and pacing after IV drug infusion and with 3D mapping and transesophageal echo (93656,93655,93623,93613,93355)	93656	93655, 93623, 93613, 93355
AB104	Comprehensive EPS with ablation including transseptal catheterizations and ablation of additional atrial focus for Afib with programmed stimulation and pacing after IV drug infusion (93656,93657,93623)	93656	93657, 93623
AB105	Comprehensive EPS with ablation including transseptal catheterizations and ablation of additional atrial focus for Afib with programmed stimulation and pacing after IV drug infusion and with mapping and intracardiac echo (93656,93657,93623,93609,93662)	93656	93657, 93623, 93609, 93662
AB106	Comprehensive EPS with ablation including transseptal catheterizations and ablation of additional atrial focus for Afib with programmed stimulation and pacing after IV drug infusion and with mapping and transesophageal echo (93656,93657,93623,93609,93355)	93656	93657, 93623, 93609, 93355
AB107	Comprehensive EPS with ablation including transseptal catheterizations and ablation of additional atrial focus for Afib with programmed stimulation and pacing after IV drug infusion and with 3D mapping and intracardiac echo (93656,93657,93623,93613,93662)	93656	93657, 93623, 93613, 93662
AB108	Comprehensive EPS with ablation including transseptal catheterizations and ablation of additional atrial focus for Afib with programmed stimulation and pacing after IV drug infusion and with 3D mapping and transesophageal echo (93656,93657,93623,93613,93355)	93656	93657, 93623, 93613, 93355
AB109	Comprehensive EPS with ablation including transseptal catheterizations and ablation of additional atrial focus for Afib and ablation of additional discrete arrhythmia focus with programmed stimulation and pacing after IV drug infusion and with 3D mapping and intracardiac echo (93656,93657,93655,93623,93613,93662)	93656	93657, 93655, 93623, 93613, 93662
AB110	Comprehensive EPS with atrial ablation with left atrial and ventricular pacing, programmed stimulation and pacing after IV drug infusion and recording and mapping (93653,93621,93622,93623,93609)	93653	93621, 93622, 93623, 93609
AB111	Comprehensive EPS with atrial ablation with left atrial and ventricular pacing, programmed stimulation and pacing after IV drug infusion and recording and 3D mapping (93653,93621,93622,93623,93613)	93653	93621, 93622, 93623, 93613
AB112	Comprehensive EPS with atrial ablation with left atrial pacing, programmed stimulation and pacing after IV drug infusion and recording and mapping (93653,93621,93623,93609)	93653	93621, 93623, 93609
AB113	Comprehensive EPS with atrial ablation with left atrial pacing, programmed stimulation and pacing after IV drug infusion and recording and 3D mapping (93653,93621,93623,93613)	93653	93621, 93623, 93613
AB114	Comprehensive EPS with ablation including transseptal catheterizations and ablation of additional atrial focus for Afib and ablation of additional discrete arrhythmia focus with left ventricular pacing and recording and programmed stimulation and pacing after IV drug infusion (93656,93657,93655,93622,93623)	93656	93657, 93655, 93622, 93623

Cardiac Ablation

HealthHelp Bundle ID	Procedure Description	Primary Procedures	Additional Procedures
AB115	Comprehensive EPS with ventricular ablation, left atrial pacing and recording with programmed stimulation and pacing after IV drug infusion and intracardiac echo (93654,93621,93623,93662)	93654	93621, 93623, 93662
AB116	Comprehensive EPS with ablation including transseptal catheterizations and ablation of additional atrial focus for Afib and ablation of additional discrete arrhythmia focus with left ventricular pacing and recording and programmed stimulation and pacing after IV drug infusion and 3D mapping (93656,93657,93655,93622,93623,93613)	93656	93657, 93655, 93622, 93623, 93613
AB117	AV node ablation with comprehensive EP study with induction of arrhythmia and mapping (93650,93620,93609)	93650, 93620	93609
AB118	AV node ablation with comprehensive EP study with induction of arrhythmia and 3D mapping (93650,93620,93613)	93650, 93620	93613
AB119	Comprehensive EPS with atrial ablation and ablation of additional discrete arrhythmia focus with left atrial and ventricular pacing, programmed stimulation and pacing after IV drug infusion and recording and mapping (93653,93655,93621,93622,93623,93609)	93653	93655, 93621, 93622, 93623, 93609
AB120	Comprehensive EPS with atrial ablation and ablation of additional discrete arrhythmia focus with left atrial and ventricular pacing, programmed stimulation and pacing after IV drug infusion and recording and 3D mapping (93653,93655,93621,93622,93623,93613)	93653	93655, 93621, 93622, 93623, 93613
AB121	Comprehensive EPS with atrial ablation and left atrial pacing, programmed stimulation and pacing after IV drug infusion, 3D mapping and intracardiac echo (93653,93621,93623,93613,93662)	93653	93621, 93623, 93613, 93662
AB122	Comprehensive EPS with ventricular ablation and ablation of additional discrete arrhythmia focus with left atrial pacing and recording with programmed stimulation and pacing after IV drug infusion and intracardiac echo (93654,93655,93621,93623,93662)	93654	93655, 93621, 93623, 93662
AB123	Comprehensive EPS with ablation including transseptal catheterizations and ablation of additional discrete arrhythmia focus with left ventricular pacing and recording and programmed stimulation and pacing after IV drug infusion and 3D mapping and intracardiac echo (93656,93655,93622,93623,93613,93662)	93656	93655, 93622, 93623, 93613, 93662

Electrophysiological Studies

HealthHelp Bundle ID	Procedure Description	Primary Procedures	Additional Procedures
EPS01	Comprehensive EPS with mapping (93620,93609)	93620	93609
EPS02	Comprehensive EPS with 3D mapping (93620,93613)	93620	93613
EPS03	Comprehensive EPS with left atrial pacing and recording (93620,93621)	93620	93621
EPS04	Comprehensive EPS with left ventricular pacing and recording (93620,93622)	93620	93622
EPS05	Intra-atrial pacing with programmed stimulation and pacing after IV drug infusion (93610,93623)	93610	93623
EPS06	Right ventricular pacing with programmed stimulation and pacing after IV drug infusion (93612,93623)	93612	93623
EPS07	Comprehensive EPS with programmed stimulation and pacing after IV drug infusion (93619,93623)	93619	93623
EPS08	Comprehensive EPS with programmed stimulation and pacing after IV drug infusion (93620,93623)	93620	93623
EPS09	Bundle of His recording with intracardiac echo (93600,93662)	93600	93662
EPS10	Bundle of His recording with mapping (93600,93609)	93600	93609
EPS11	Bundle of His recording with mapping and intracardiac echo (93600,93609,93662)	93600	93609, 93662
EPS12	Intra-arterial recording with mapping (93602,93609)	93602	93609
EPS13	Intra-arterial recording with intracardiac echo (93602,93662)	93602	93662
EPS14	Intra-arterial recording with mapping and intracardiac echo (93602,93609,93662)	93602	93609,93662
EPS15	Right ventricular recording with mapping (93603,93609)	93603	93609
EPS16	Right ventricular recording with intracardiac echo (93603,93662)	93603	93662
EPS17	Right ventricular recording with mapping and intracardiac echo (93603,93609,93662)	93603	93609, 93662
EPS18	Intra-atrial pacing with intracardiac echo (93610,93662)	93610	93662
EPS19	Right ventricular pacing with intracardiac echo (93612,93662)	93612	93662
EPS20	Induction of arrhythmia with intracardiac echo (93618,93662)	93618	93662
EPS21	Comprehensive EP study with mapping (93619,93609)	93619	93609
EPS22	Comprehensive EP study with 3D mapping (93619,93613)	93619	93613
EPS23	Comprehensive EP study with intracardiac echo (93619,93662)	93619	93662
EPS24	Comprehensive EP study with mapping and intracardiac echo (93619,93609,93662)	93619	93609, 93662
EPS25	Comprehensive EP study with 3D mapping and intracardiac echo (93619,93613,93662)	93619	93613, 93662
EPS26	Comprehensive EP study with induction of arrhythmia with intracardiac echo (93620,93662)	93620	93662
EPS27	Comprehensive EP study with induction of arrhythmia with mapping with intracardiac echo (93620,93609,93662)	93620	93609, 93662
EPS28	Comprehensive EP study with induction of arrhythmia with 3D mapping with intracardiac echo (93620,93613,93662)	93620	93613, 93662

Electrophysiological Studies

HealthHelp Bundle ID	Procedure Description	Primary Procedures	Additional Procedures
EPS29	Comprehensive EP study with induction of arrhythmia with left atrial pacing and recording with intracardiac echo (93620,93621,93662)	93620	93621, 93662
EPS30	Comprehensive EP study with induction of arrhythmia with programmed stimulation and pacing after IV drug infusion with intracardiac echo (93620,93623,93662)	93620	93623, 93662
EPS31	EP follow-up study with 3D mapping (93624,93613)	93624	93613
EPS32	EP follow-up study with intracardiac echo (93624,93662)	93624	93662
EPS33	EP follow-up study with 3D mapping and intracardiac echo (93624,93613,93662)	93624	93613, 93662
EPS34	Intra-operative epicardial and endocardial pacing and mapping for surgical correction with intracardiac echo (93631,93662)	93631	93662
EPS35	EP evaluation of cardioverter-defibrillator, initial or replacement with mapping (93640,93609)	93640	93609
EPS36	EP evaluation of cardioverter-defibrillator, initial or replacement with 3D mapping (93640,93613)	93640	93613
EPS37	EP evaluation of cardioverter-defibrillator, initial or replacement with mapping and intracardiac echo (93640,93609,93662)	93640	93609, 93662
EPS38	EP evaluation of cardioverter-defibrillator, initial or replacement with 3D mapping and intracardiac echo (93640,93613,93662)	93640	93613, 93662
EPS39	EP evaluation of cardioverter-defibrillator, initial or replacement with intracardiac echo (93640,93662)	93640	93662
EPS40	EP evaluation of cardioverter-defibrillator, initial or replacement, with testing of chamber pacing with mapping (93641,93609)	93641	93609
EPS41	EP evaluation of cardioverter-defibrillator, initial or replacement, with testing of chamber pacing with 3D mapping (93641,93613)	93641	93613
EPS42	EP evaluation of cardioverter-defibrillator, initial or replacement, with testing of chamber pacing with mapping and intracardiac echo (93641,93609,93662)	93641	93609, 93662
EPS43	EP evaluation of cardioverter-defibrillator, initial or replacement, with testing of chamber pacing with 3D mapping and intracardiac echo (93641,93613,93662)	93641	93613, 93662
EPS44	EP evaluation of cardioverter-defibrillator, initial or replacement, with testing of chamber pacing with intracardiac echo (93641,93662)	93641	93662
EPS45	EP evaluation of transvenous cardioverter-defibrillator with mapping (93642,93609)	93642	93609
EPS46	EP evaluation of transvenous cardioverter-defibrillator with 3Dmapping (93642,93613)	93642	93613
EPS47	EP evaluation of transvenous cardioverter-defibrillator with mapping and intracardiac echo (93642,93609,93662)	93642	93609, 93662
EPS48	EP evaluation of transvenous cardioverter-defibrillator with 3D mapping and intracardiac echo (93642,93613,93662)	93642	93613, 93662
EPS49	EP evaluation of transvenous cardioverter-defibrillator with intracardiac echo (93642,93662)	93642	93662
EPS50	EP evaluation of subcutaneous implantable defibrillator with mapping (93644,93609)	93644	93609
EPS51	EP evaluation of subcutaneous implantable defibrillator with 3Dmapping (93644,93613)	93644	93613

Electrophysiological Studies

HealthHelp Bundle ID	Procedure Description	Primary Procedures	Additional Procedures
EPS52	EP evaluation of subcutaneous implantable defibrillator with mapping and intracardiac echo (93644,93609,93662)	93644	93609, 93662
EPS53	EP evaluation of subcutaneous implantable defibrillator with 3D mapping and intracardiac echo (93644,93613,93662)	93644	93613, 93622
EPS54	EP evaluation of subcutaneous implantable defibrillator with intracardiac echo (93644,93662)	93644	93662
EPS55	Intra-operative epicardial and endocardial pacing and mapping for surgical correction with mapping (93631,93609)	93631	93609
EPS56	Intra-operative epicardial and endocardial pacing and mapping for surgical correction with 3D mapping (93631,93613)	93631	93613
EPS57	Intra-operative epicardial and endocardial pacing and mapping for surgical correction with mapping and intracardiac echo (93631,93609,93662)	93631	93609, 93662
EPS58	Intra-operative epicardial and endocardial pacing and mapping for surgical correction with 3D mapping and intracardiac echo (93631,93613,93662)	93631	93613, 93662