

SJH Procedures - Pacemakers Service

New Name	Old Name	CPT Code	Service
COMPLEX REMOVAL, ELECTRODE LEAD, CARDIAC PACEMAKER, USING LASER	LASER-EXTRACT PACEMAKER LEAD PROLONGED	33234 Removal of transvenous pacemaker electrode(s); single lead system, atrial or ventricular	Pacemakers
		33235 Removal of transvenous pacemaker electrode(s); dual lead system	
		*33238 Removal of permanent transvenous electrode(s) by thoracotomy	
COMPLEX REMOVAL, ELECTRODE LEAD, CARDIAC PACEMAKER	EXTRACT PACEMAKER LEAD PROLONGED	33234 Removal of transvenous pacemaker electrode(s); single lead system, atrial or ventricular	Pacemakers
		33235 Removal of transvenous pacemaker electrode(s); dual lead system	
		*33238 Removal of permanent transvenous electrode(s) by thoracotomy	
COMPLEX REMOVAL, ELECTRODE LEAD, IMPLANTABLE CARDIOVERTER DEFIBRILLATOR (ICD), USING LASER	LASER-EXTRACT CARDIOVERTER DEFIB LEAD PROLONG	*33243 Removal of single or dual chamber implantable defibrillator electrode(s); by thoracotomy	Pacemakers
		33244 Removal of single or dual chamber implantable defibrillator electrode(s); by transvenous extraction	
		33272 Removal of subcutaneous implantable defibrillator electrode	
COMPLEX REMOVAL, ELECTRODE LEAD, IMPLANTABLE CARDIOVERTER DEFIBRILLATOR (ICD)	EXTRACT CARDIOVERTER DEFIBRILLATOR LEAD PROLONGED	*33243 Removal of single or dual chamber implantable defibrillator electrode(s); by thoracotomy	Pacemakers
		33244 Removal of single or dual chamber implantable defibrillator electrode(s); by transvenous extraction	
		33272 Removal of subcutaneous implantable defibrillator electrode	
DEBRIDEMENT, WOUND	DEBRIDEMENT WOUND	11042 Debridement, subcutaneous tissue (includes epidermis and dermis, if performed); first 20 sq cm or less	Cardiac/Open Heart, Colorectal, General, Gynecology, Neurosurgery, Orthopedics, Pacemakers, Plastics, Podiatry, Thoracic, Urology, Vascular
		11043 Debridement, muscle and/or fascia (includes epidermis, dermis, and subcutaneous tissue, if performed); first 20 sq cm or less	
		11044 Debridement, bone (includes epidermis, dermis, subcutaneous tissue, muscle and/or fascia, if performed); first 20 sq cm or less	
		97597 Debridement (eg, high pressure waterjet with/without suction, sharp selective debridement with scissors, scalpel and forceps), open wound, (eg, fibrin, devitalized epidermis and/or dermis, exudate, debris, biofilm), including topical application(s), wound	
INJECTION, THERAPEUTIC AGENT	INJECTION THERAPEUTIC		Dental Surgery, General, Gynecology, Orthopedics, Pacemakers, Plastics, Podiatry, Vascular
INSERTION OR REVISION, ELECTRODE LEAD, CARDIAC PACEMAKER	REVISION/INSERTION PACEMAKER LEAD	*33202 Insertion of epicardial electrode(s); open incision (eg, thoracotomy, median sternotomy, subxiphoid approach)	Pacemakers
		*33203 Insertion of epicardial electrode(s); endoscopic approach (eg, thoracoscopy, pericardioscopy)	

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INSERTION OR REVISION, ELECTRODE LEAD, CARDIAC PACEMAKER	REVISION/INSERTION PACEMAKER LEAD	33210	Insertion or replacement of temporary transvenous single chamber cardiac electrode or pacemaker catheter (separate procedure)	Pacemakers
		33211	Insertion or replacement of temporary transvenous dual chamber pacing electrodes (separate procedure)	
		33216	Insertion of a single transvenous electrode, permanent pacemaker or implantable defibrillator	
		33217	Insertion of 2 transvenous electrodes, permanent pacemaker or implantable defibrillator	
		33224	Insertion of pacing electrode, cardiac venous system, for left ventricular pacing, with attachment to previously placed pacemaker or implantable defibrillator pulse generator (including revision of pocket, removal, insertion, and/or replacement of existin	
		33225	Insertion of pacing electrode, cardiac venous system, for left ventricular pacing, at time of insertion of implantable defibrillator or pacemaker pulse generator (eg, for upgrade to dual chamber system) (list separately in addition to code for primary pro	
		33234	Removal of transvenous pacemaker electrode(s); single lead system, atrial or ventricular	
		33235	Removal of transvenous pacemaker electrode(s); dual lead system	
INSERTION OR REVISION, ELECTRODE LEAD, IMPLANTABLE CARDIOVERTER DEFIBRILLATOR (ICD), BIVENTRICULAR	REVISE/INSERT BIVENTRICULAR CARDIOVERTER DEFIBRIL LEAD	33215	Repositioning of previously implanted transvenous pacemaker or implantable defibrillator (right atrial or right ventricular) electrode	Pacemakers
		33216	Insertion of a single transvenous electrode, permanent pacemaker or implantable defibrillator	
		33217	Insertion of 2 transvenous electrodes, permanent pacemaker or implantable defibrillator	
		33224	Insertion of pacing electrode, cardiac venous system, for left ventricular pacing, with attachment to previously placed pacemaker or implantable defibrillator pulse generator (including revision of pocket, removal, insertion, and/or replacement of existin	
		33225	Insertion of pacing electrode, cardiac venous system, for left ventricular pacing, at time of insertion of implantable defibrillator or pacemaker pulse generator (eg, for upgrade to dual chamber system) (list separately in addition to code for primary pro	
INSERTION OR REVISION, ELECTRODE LEAD, IMPLANTABLE CARDIOVERTER DEFIBRILLATOR (ICD)	REVISE/INSERT IMPLANT CARDIOVERTER DEFIBRILLATOR LEAD	*33203	Insertion of epicardial electrode(s); endoscopic approach (eg, thoracoscopy, pericardioscopy)	Pacemakers
		33216	Insertion of a single transvenous electrode, permanent pacemaker or implantable defibrillator	
		33217	Insertion of 2 transvenous electrodes, permanent pacemaker or implantable defibrillator	
		33218	Repair of single transvenous electrode, permanent pacemaker or implantable defibrillator	

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INSERTION OR REVISION, ELECTRODE LEAD, IMPLANTABLE CARDIOVERTER DEFIBRILLATOR (ICD)	REVISE/INSERT IMPLANT CARDIOVERTER DEFIBRILLATOR LEAD	33220	Repair of 2 transvenous electrodes for permanent pacemaker or implantable defibrillator	Pacemakers
		33224	Insertion of pacing electrode, cardiac venous system, for left ventricular pacing, with attachment to previously placed pacemaker or implantable defibrillator pulse generator (including revision of pocket, removal, insertion, and/or replacement of existin	
		33225	Insertion of pacing electrode, cardiac venous system, for left ventricular pacing, at time of insertion of implantable defibrillator or pacemaker pulse generator (eg, for upgrade to dual chamber system) (list separately in addition to code for primary pro	
		33249	Insertion or replacement of permanent implantable defibrillator system, with transvenous lead(s), single or dual chamber	
INSERTION, CARDIAC PACEMAKER, BIVENTRICULAR	INSERTION OF BIVENTRICULAR PACEMAKER	33206	Insertion of new or replacement of permanent pacemaker with transvenous electrode(s); atrial	Cardiac, Cardiac/Open Heart, Cardiovascular, Pacemakers
		33207	Insertion of new or replacement of permanent pacemaker with transvenous electrode(s); ventricular	
		33208	Insertion of new or replacement of permanent pacemaker with transvenous electrode(s); atrial and ventricular	
		33212	Insertion of pacemaker pulse generator only; with existing single lead	
		33213	Insertion of pacemaker pulse generator only; with existing dual leads	
		33214	Upgrade of implanted pacemaker system, conversion of single chamber system to dual chamber system (includes removal of previously placed pulse generator, testing of existing lead, insertion of new lead, insertion of new pulse generator)	
		33216	Insertion of a single transvenous electrode, permanent pacemaker or implantable defibrillator	
		33217	Insertion of 2 transvenous electrodes, permanent pacemaker or implantable defibrillator	
		33221	Insertion of pacemaker pulse generator only; with existing multiple leads	
INSERTION, CARDIAC PACEMAKER	INSERTION PACEMAKER	33206	Insertion of new or replacement of permanent pacemaker with transvenous electrode(s); atrial	Cardiac/Open Heart, Pacemakers
		33207	Insertion of new or replacement of permanent pacemaker with transvenous electrode(s); ventricular	
		33208	Insertion of new or replacement of permanent pacemaker with transvenous electrode(s); atrial and ventricular	
		33214	Upgrade of implanted pacemaker system, conversion of single chamber system to dual chamber system (includes removal of previously placed pulse generator, testing of existing lead, insertion of new lead, insertion of new pulse generator)	
		33216	Insertion of a single transvenous electrode, permanent pacemaker or implantable defibrillator	

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INSERTION, CARDIAC PACEMAKER	INSERTION PACEMAKER	33217	Insertion of 2 transvenous electrodes, permanent pacemaker or implantable defibrillator	Cardiac/Open Heart, Pacemakers
		33221	Insertion of pacemaker pulse generator only; with existing multiple leads	
INSERTION, IMPLANTABLE CARDIOVERTER DEFIBRILLATOR (ICD), BIVENTRICULAR	INSERTION BIVENTRICULAR CARDIOVERTER DEFIBRILLATOR	33224	Insertion of pacing electrode, cardiac venous system, for left ventricular pacing, with attachment to previously placed pacemaker or implantable defibrillator pulse generator (including revision of pocket, removal, insertion, and/or replacement of existin	Pacemakers
		33225	Insertion of pacing electrode, cardiac venous system, for left ventricular pacing, at time of insertion of implantable defibrillator or pacemaker pulse generator (eg, for upgrade to dual chamber system) (list separately in addition to code for primary pro	
		33230	Insertion of implantable defibrillator pulse generator only; with existing dual leads	
		33249	Insertion or replacement of permanent implantable defibrillator system, with transvenous lead(s), single or dual chamber	
INSERTION, IMPLANTABLE CARDIOVERTER DEFIBRILLATOR (ICD), DUAL CHAMBER	IMPLANT ICD DC	33249	Insertion or replacement of permanent implantable defibrillator system, with transvenous lead(s), single or dual chamber	Cardiac, Cardiovascular, Pacemakers
INSERTION, IMPLANTABLE CARDIOVERTER DEFIBRILLATOR (ICD)	INSERTION IMPLANTABLE CARDIOVERTER DEFIBRILLATOR	33249	Insertion or replacement of permanent implantable defibrillator system, with transvenous lead(s), single or dual chamber	Pacemakers
		33270	Insertion or replacement of permanent subcutaneous implantable defibrillator system, with subcutaneous electrode, including defibrillation threshold evaluation, induction of arrhythmia, evaluation of sensing for arrhythmia termination, and programming or	
INSERTION, IMPLANTABLE LOOP RECORDER (MINOR ROOM)		33285	Insertion, subcutaneous cardiac rhythm monitor, including programming	Cardiac, Cardiovascular, Pacemakers
INSERTION, IMPLANTABLE LOOP RECORDER, WITH INTRAOPERATIVE CARDIOVERSION	IMPLANT LOOP RECORDER WITH INTRAOPERATIVE CARDIOVERSION	33285	Insertion, subcutaneous cardiac rhythm monitor, including programming	Cardiac, Pacemakers
		92960	Cardioversion, elective, electrical conversion of arrhythmia; external	
		92961	Cardioversion, elective, electrical conversion of arrhythmia; internal (separate procedure)	
INSERTION, IMPLANTABLE LOOP RECORDER	IMPLANT LOOP RECORDER	33285	Insertion, subcutaneous cardiac rhythm monitor, including programming	Cardiac, Cardiovascular, Pacemakers
PACU MISCELLANEOUS PROCEDURE				Bariatric, Cardiac, Cardiac/Open Heart, Colorectal, ENT, Gastroenterology, General, Gynecology, Neurosurgery, Orthopedics, Pacemakers, Plastics, Spine, Thoracic, Urology, Vascular

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REMOVAL, ELECTRODE LEAD, CARDIAC PACEMAKER, LESS THAN ONE YEAR AFTER INSERTION	EXPLANT PACEMAKER LEAD LESS 1 YEAR	33234 Removal of transvenous pacemaker electrode(s); single lead system, atrial or ventricular	Pacemakers
		33235 Removal of transvenous pacemaker electrode(s); dual lead system	
		*33238 Removal of permanent transvenous electrode(s) by thoracotomy	
REMOVAL, ELECTRODE LEAD, IMPLANTABLE CARDIOVERTER DEFIBRILLATOR (ICD)	EXPLANT CARDIOVERTER DEFIBRILLATOR LEAD LESS THAN 1 YEAR	*33238 Removal of permanent transvenous electrode(s) by thoracotomy	Pacemakers
		*33243 Removal of single or dual chamber implantable defibrillator electrode(s); by thoracotomy	
		33244 Removal of single or dual chamber implantable defibrillator electrode(s); by transvenous extraction	
		33272 Removal of subcutaneous implantable defibrillator electrode	
REMOVAL, LOOP RECORDER (MINOR ROOM)		33286 Removal, subcutaneous cardiac rhythm monitor	Cardiac, Cardiovascular, Pacemakers
REMOVAL, LOOP RECORDER	EXPLANT LOOP RECORDER	33286 Removal, subcutaneous cardiac rhythm monitor	Cardiac, Cardiovascular, Pacemakers
REMOVAL, PULSE GENERATOR, PERMANENT CARDIAC PACEMAKER	REMOVAL PACEMAKER GENERATOR	33233 Removal of permanent pacemaker pulse generator only	Pacemakers
REPLACEMENT, DRESSING	PACU DRESSING CHANGE W ANESTHESIA IP	15852 Dressing change (for other than burns) under anesthesia (other than local)	Bariatric, Cardiac/Open Heart, Cardiovascular, Colorectal, ENT, General, Gynecology, Orthopedics, Pacemakers, Plastics, Spine, Thoracic, Urology, Vascular
REPLACEMENT, ELECTRODE LEAD, CARDIAC PACEMAKER, LESS THAN 1 YEAR AFTER INSERTION	EXPLANT PACEMAKER LEAD LESS THAN 1 YEAR WITH REINSERT LEAD	33216 Insertion of a single transvenous electrode, permanent pacemaker or implantable defibrillator	Pacemakers
		33217 Insertion of 2 transvenous electrodes, permanent pacemaker or implantable defibrillator	
		33234 Removal of transvenous pacemaker electrode(s); single lead system, atrial or ventricular	
		33235 Removal of transvenous pacemaker electrode(s); dual lead system	
		*33238 Removal of permanent transvenous electrode(s) by thoracotomy	
REPLACEMENT, ELECTRODE LEAD, IMPLANTABLE CARDIOVERTER DEFIBRILLATOR (ICD), LESS THAN 1 YEAR AFTER INSERTION	EXPLANT CARDIOVERTER LEAD LESS 1 YEAR WITH REINSERT LEAD	33216 Insertion of a single transvenous electrode, permanent pacemaker or implantable defibrillator	Pacemakers
		33217 Insertion of 2 transvenous electrodes, permanent pacemaker or implantable defibrillator	
		*33243 Removal of single or dual chamber implantable defibrillator electrode(s); by thoracotomy	
		33244 Removal of single or dual chamber implantable defibrillator electrode(s); by transvenous extraction	
		33271 Insertion of subcutaneous implantable defibrillator electrode	
		33272 Removal of subcutaneous implantable defibrillator electrode	
REPLACEMENT, PULSE GENERATOR, CARDIAC PACEMAKER, BIVENTRICULAR	REPLACE BIVENTRICULAR PACEMAKER GENERATOR	33229 Removal of permanent pacemaker pulse generator with replacement of pacemaker pulse generator; multiple lead system	Pacemakers

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REPLACEMENT, PULSE GENERATOR, CARDIAC PACEMAKER	REPLACE PACEMAKER GENERATOR	33227 Removal of permanent pacemaker pulse generator with replacement of pacemaker pulse generator; single lead system	Pacemakers
		33228 Removal of permanent pacemaker pulse generator with replacement of pacemaker pulse generator; dual lead system	
		33229 Removal of permanent pacemaker pulse generator with replacement of pacemaker pulse generator; multiple lead system	
REPLACEMENT, PULSE GENERATOR, IMPLANTABLE CARDIOVERTER DEFIBRILLATOR (ICD), BIVENTRICULAR	REPLACE BIVENTRICULAR CARDIOVERTER DEFIBRILATOR GENERATOR	33225 Insertion of pacing electrode, cardiac venous system, for left ventricular pacing, at time of insertion of implantable defibrillator or pacemaker pulse generator (eg, for upgrade to dual chamber system) (list separately in addition to code for primary pro	Cardiac/Open Heart, Pacemakers
		33263 Removal of implantable defibrillator pulse generator with replacement of implantable defibrillator pulse generator; dual lead system	
		33264 Removal of implantable defibrillator pulse generator with replacement of implantable defibrillator pulse generator; multiple lead system	
REPLACEMENT, PULSE GENERATOR, IMPLANTABLE CARDIOVERTER DEFIBRILLATOR (ICD)	REPLACE IMPLANTABLE CARDIOVERTER DEFIBRILLATOR GENERATOR	33262 Removal of implantable defibrillator pulse generator with replacement of implantable defibrillator pulse generator; single lead system	Pacemakers
		33263 Removal of implantable defibrillator pulse generator with replacement of implantable defibrillator pulse generator; dual lead system	
		33264 Removal of implantable defibrillator pulse generator with replacement of implantable defibrillator pulse generator; multiple lead system	
REVISION, SKIN POCKET, FOR IMPLANTABLE CARDIOVERTER DEFIBRILLATOR (ICD) OR CARDIAC PACEMAKER	REVISION POCKET PACEMAKER/CARDIOVERTER DEFIBRILATOR	33215 Repositioning of previously implanted transvenous pacemaker or implantable defibrillator (right atrial or right ventricular) electrode	Pacemakers
		33222 Relocation of skin pocket for pacemaker	
		33223 Relocation of skin pocket for implantable defibrillator	
		33273 Repositioning of previously implanted subcutaneous implantable defibrillator electrode	