

Please note: The table below ONLY includes the Professional Liability Insurance (PLI) Relative Value Units (RVUs); it does NOT include the work, practice expense, or total RVUs.

Cardiothoracic Surgery Codes with PLI Corrections retroactive to January 1, 2019			
CPT Code	Code Description	Current PLI RVU 2019	Corrected PLI RVU 2019
31760	Tracheoplasty; intrathoracic	5.47	5.57
31770	Bronchoplasty; graft repair	5.35	5.58
31781	Excision tracheal stenosis and anastomosis; cervicothoracic	5.67	5.90
31785	Excision of tracheal tumor or carcinoma; cervical	2.63	2.65
31800	Suture of tracheal wound or injury; cervical	1.15	1.18
31805	Suture of tracheal wound or injury; intrathoracic	3.05	3.19
32035	Thoracostomy; with rib resection for empyema	2.58	2.69
32140	Thoracotomy; with cyst(s) removal, includes pleural procedure when performed	3.85	3.96
32151	Thoracotomy; with removal of intrapulmonary foreign body	3.78	4.02
32200	Pneumonostomy, with open drainage of abscess or cyst	4.31	4.44
32445	Removal of lung, pneumonectomy; extrapleural	15.12	15.34
32488	Removal of lung, other than pneumonectomy; with all remaining lung following previous removal of a portion of lung (completion pneumonectomy)	9.97	10.25
32491	Removal of lung, other than pneumonectomy; with resection-plication of emphysematous lung(s) (bullous or non-bullous) for lung volume reduction, sternal split or transthoracic approach, includes any pleural procedure, when performed	5.66	5.81
32503	Resection of apical lung tumor (eg, Pancoast tumor), including chest wall resection, rib(s) resection(s), neurovascular dissection, when performed; without chest wall reconstruction(s)	7.42	7.55
32504	Resection of apical lung tumor (eg, Pancoast tumor), including chest wall resection, rib(s) resection(s), neurovascular dissection, when performed; with chest wall reconstruction	8.6	8.70
32604	Thoracoscopy, diagnostic (separate procedure); pericardial sac, with biopsy	2.04	2.09
32658	Thoracoscopy, surgical; with removal of clot or foreign body from pericardial sac	2.7	2.79
32661	Thoracoscopy, surgical; with excision of pericardial cyst, tumor, or mass	3.01	3.16
32664	Thoracoscopy, surgical; with thoracic sympathectomy	3.33	3.40
32665	Thoracoscopy, surgical; with esophagomyotomy (Heller type)	4.72	5.11
32671	Thoracoscopy, surgical; with removal of lung (pneumonectomy)	7.19	7.59
32810	Closure of chest wall following open flap drainage for empyema (Clagett type procedure)	3.42	3.55
32820	Major reconstruction, chest wall (posttraumatic)	5.26	5.34
32852	Lung transplant, single; with cardiopulmonary bypass	15.48	15.65
32905	Thoracoplasty, Schede type or extrapleural (all stages);	5.12	5.52
32906	Thoracoplasty, Schede type or extrapleural (all stages); with closure of bronchopleural fistula	6.76	6.96
32940	Pneumonolysis, extraperiosteal, including filling or packing procedures	4.77	5.07
33050	Resection of pericardial cyst or tumor	3.91	4.03
33130	Resection of external cardiac tumor	5.54	5.69
33140	Transmyocardial laser revascularization, by thoracotomy; (separate procedure)	6.35	6.69
33236	Removal of permanent epicardial pacemaker and electrodes by thoracotomy; single lead system, atrial or ventricular	2.75	2.99
33237	Removal of permanent epicardial pacemaker and electrodes by thoracotomy; dual lead system	3.11	3.27

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33250	Operative ablation of supraventricular arrhythmogenic focus or pathway (eg, Wolff-Parkinson-White, atrioventricular node re-entry), tract(s) and/or focus (foci); without cardiopulmonary bypass	5.45	6.11
33251	Operative ablation of supraventricular arrhythmogenic focus or pathway (eg, Wolff-Parkinson-White, atrioventricular node re-entry), tract(s) and/or focus (foci); with cardiopulmonary bypass	6.59	6.87
33254	Operative tissue ablation and reconstruction of atria, limited (eg, modified maze procedure)	5.32	5.58
33255	Operative tissue ablation and reconstruction of atria, extensive (eg, maze procedure); without cardiopulmonary bypass	6.72	6.85
33261	Operative ablation of ventricular arrhythmogenic focus with cardiopulmonary bypass	6.58	6.82
33310	Cardiotomy, exploratory (includes removal of foreign body, atrial or ventricular thrombus); without bypass	4.65	4.78
33321	Suture repair of aorta or great vessels; with shunt bypass	4.27	4.90
33330	Insertion of graft, aorta or great vessels; without shunt, or cardiopulmonary bypass	5.78	5.96
33412	Replacement, aortic valve; with transventricular aortic annulus enlargement (Konno procedure)	12.91	14.02
33413	Replacement, aortic valve; by translocation of autologous pulmonary valve with allograft replacement of pulmonary valve (Ross procedure)	12.68	14.25
33422	Valvotomy, mitral valve; open heart, with cardiopulmonary bypass	6.48	7.01
33440	Replacement, aortic valve; by translocation of autologous pulmonary valve and transventricular aortic annulus enlargement of the left ventricular outflow tract with valved conduit replacement of pulmonary valve (Ross-Konno procedure)	14.08	15.32
33460	Valvectomy, tricuspid valve, with cardiopulmonary bypass	9.81	10.58
33468	Tricuspid valve repositioning and plication for Ebstein anomaly	9.37	10.76
33476	Right ventricular resection for infundibular stenosis, with or without commissurotomy	5.36	6.30
33478	Outflow tract augmentation (gusset), with or without commissurotomy or infundibular resection	6.27	6.53
33496	Repair of non-structural prosthetic valve dysfunction with cardiopulmonary bypass (separate procedure)	6.73	7.04
33500	Repair of coronary arteriovenous or arteriocardiac chamber fistula; with cardiopulmonary bypass	6.14	6.58
33501	Repair of coronary arteriovenous or arteriocardiac chamber fistula; without cardiopulmonary bypass	4.39	4.60
33502	Repair of anomalous coronary artery from pulmonary artery origin; by ligation	4.84	5.18
33504	Repair of anomalous coronary artery from pulmonary artery origin; by graft, with cardiopulmonary bypass	5.47	6.04
33505	Repair of anomalous coronary artery from pulmonary artery origin; with construction of intrapulmonary artery tunnel (Takeuchi procedure)	7.6	9.14
33506	Repair of anomalous coronary artery from pulmonary artery origin; by translocation from pulmonary artery to aorta	7.09	9.00
33507	Repair of anomalous (eg, intramural) aortic origin of coronary artery by unroofing or translocation	7.1	7.45
33516	Coronary artery bypass, vein only; 6 or more coronary venous grafts	10.91	11.77
33545	Repair of postinfarction ventricular septal defect, with or without myocardial resection	13.15	13.54
33600	Closure of atrioventricular valve (mitral or tricuspid) by suture or patch	6.66	7.20
33602	Closure of semilunar valve (aortic or pulmonary) by suture or patch	6.43	6.97

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33617	Repair of complex cardiac anomalies (eg, single ventricle) by modified Fontan procedure	7.66	9.31
33620	Application of right and left pulmonary artery bands (eg, hybrid approach stage 1)	6.9	7.13
33645	Direct or patch closure, sinus venosus, with or without anomalous pulmonary venous drainage	7.04	7.43
33647	Repair of atrial septal defect and ventricular septal defect, with direct or patch closure	7.18	7.86
33660	Repair of incomplete or partial atrioventricular canal (ostium primum atrial septal defect), with or without atrioventricular valve repair	7.1	7.57
33675	Closure of multiple ventricular septal defects;	7.57	8.55
33702	Repair sinus of Valsalva fistula, with cardiopulmonary bypass;	5.8	6.46
33720	Repair sinus of Valsalva aneurysm, with cardiopulmonary bypass	6.23	6.46
33724	Repair of isolated partial anomalous pulmonary venous return (eg, Scimitar Syndrome)	6.08	6.55
33730	Complete repair of anomalous pulmonary venous return (supracardiac, intracardiac, or infracardiac types)	7.09	8.60
33732	Repair of cor triatriatum or supra-ventricular mitral ring by resection of left atrial membrane	4.49	6.88
33736	Atrial septectomy or septostomy; open heart with cardiopulmonary bypass	4.61	5.76
33776	Repair of transposition of the great arteries, atrial baffle procedure (eg, Mustard or Senning type) with cardiopulmonary bypass; with closure of ventricular septal defect	6.33	8.27
33780	Repair of transposition of the great arteries, aortic pulmonary artery reconstruction (eg, Jatene type); with closure of ventricular septal defect	8.01	10.47
33800	Aortic suspension (aortopexy) for tracheal decompression (eg, for tracheomalacia) (separate procedure)	3.78	4.10
33813	Obliteration of aortopulmonary septal defect; without cardiopulmonary bypass	3.31	5.07
33820	Repair of patent ductus arteriosus; by ligation	3.65	3.96
33845	Excision of coarctation of aorta, with or without associated patent ductus arteriosus; with graft	4.67	5.44
33852	Repair of hypoplastic or interrupted aortic arch using autogenous or prosthetic material; without cardiopulmonary bypass	3.78	5.78
33853	Repair of hypoplastic or interrupted aortic arch using autogenous or prosthetic material; with cardiopulmonary bypass	6.37	7.73
33884	Placement of proximal extension prosthesis for endovascular repair of descending thoracic aorta (eg, aneurysm, pseudoaneurysm, dissection, penetrating ulcer, intramural hematoma, or traumatic disruption); each additional proximal extension (List separately in addition to code for primary procedure)	1.87	1.89
33891	Bypass graft, with other than vein, transcervical retropharyngeal carotid-carotid, performed in conjunction with endovascular repair of descending thoracic aorta, by neck incision	4.43	4.62
33915	Pulmonary artery embolectomy; without cardiopulmonary bypass	5.45	5.87
33917	Repair of pulmonary artery stenosis by reconstruction with patch or graft	5.82	6.01
33922	Transection of pulmonary artery with cardiopulmonary bypass	5.36	5.74
33924	Ligation and takedown of a systemic-to-pulmonary artery shunt, performed in conjunction with a congenital heart procedure (List separately in addition to code for primary procedure)	1.18	1.29
33958	Extracorporeal membrane oxygenation (ECMO)/extracorporeal life support (ECLS) provided by physician; reposition peripheral (arterial and/or venous) cannula(e), percutaneous, 6 years and older (includes fluoroscopic guidance, when performed)	0.8	0.81

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33962	Extracorporeal membrane oxygenation (ECMO)/extracorporeal life support (ECLS) provided by physician; reposition peripheral (arterial and/or venous) cannula(e), open, 6 years and older (includes fluoroscopic guidance, when performed)	1.01	1.05
33964	Extracorporeal membrane oxygenation (ECMO)/extracorporeal life support (ECLS) provided by physician; reposition central cannula(e) by sternotomy or thoracotomy, 6 years and older (includes fluoroscopic guidance, when performed)	2.07	2.24
33974	Removal of intra-aortic balloon assist device from the ascending aorta, including repair of the ascending aorta, with or without graft	3.47	3.54
33976	Insertion of ventricular assist device; extracorporeal, biventricular	7.11	7.25
33982	Replacement of ventricular assist device pump(s); implantable intracorporeal, single ventricle, without cardiopulmonary bypass	8.81	8.94
33987	Arterial exposure with creation of graft conduit (eg, chimney graft) to facilitate arterial perfusion for ECMO/ECLS (List separately in addition to code for primary procedure)	0.93	0.95
33988	Insertion of left heart vent by thoracic incision (eg, sternotomy, thoracotomy) for ECMO/ECLS	3.33	3.54
33989	Removal of left heart vent by thoracic incision (eg, sternotomy, thoracotomy) for ECMO/ECLS	1.91	2.24
39200	Resection of mediastinal cyst	3.37	3.58
43100	Excision of lesion, esophagus, with primary repair; cervical approach	1.34	1.37
43101	Excision of lesion, esophagus, with primary repair; thoracic or abdominal approach	3.97	4.06
43121	Partial esophagectomy, distal two-thirds, with thoracotomy only, with or without proximal gastrectomy, with thoracic esophagogastrostomy, with or without pyloroplasty	11.57	12.27
43123	Partial esophagectomy, thoracoabdominal or abdominal approach, with or without proximal gastrectomy; with colon interposition or small intestine reconstruction, including intestine mobilization, preparation, and anastomosis(es)	18.74	20.25
43124	Total or partial esophagectomy, without reconstruction (any approach), with cervical esophagostomy	16.32	16.68
43135	Diverticulectomy of hypopharynx or esophagus, with or without myotomy; thoracic approach	6.01	6.22
43284	Laparoscopy, surgical, esophageal sphincter augmentation procedure, placement of sphincter augmentation device (ie, magnetic band), including cruroplasty when performed	2.33	2.45
43285	Removal of esophageal sphincter augmentation device	1.94	2.06
43300	Esophagoplasty (plastic repair or reconstruction), cervical approach; without repair of tracheoesophageal fistula	1.31	1.33
43305	Esophagoplasty (plastic repair or reconstruction), cervical approach; with repair of tracheoesophageal fistula	2.57	2.61
43310	Esophagoplasty (plastic repair or reconstruction), thoracic approach; without repair of tracheoesophageal fistula	6.14	6.24
43312	Esophagoplasty (plastic repair or reconstruction), thoracic approach; with repair of tracheoesophageal fistula	6.78	6.95
43314	Esophagoplasty for congenital defect (plastic repair or reconstruction), thoracic approach; with repair of congenital tracheoesophageal fistula	9.76	12.77
43320	Esophagogastrostomy (cardioplasty), with or without vagotomy and pyloroplasty, transabdominal or transthoracic approach	5.54	5.65
43325	Esophagogastric fundoplasty, with fundic patch (Thal-Nissen procedure)	5.41	5.48

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43328	Esophagogastric fundoplasty partial or complete; thoracotomy	4.63	4.72
43330	Esophagomyotomy (Heller type); abdominal approach	5.3	5.38
43331	Esophagomyotomy (Heller type); thoracic approach	5.36	5.47
43335	Repair, paraesophageal hiatal hernia (including fundoplication), via thoracotomy, except neonatal; with implantation of mesh or other prosthesis	5.58	5.69
43337	Repair, paraesophageal hiatal hernia, (including fundoplication), via thoracoabdominal incision, except neonatal; with implantation of mesh or other prosthesis	6.23	6.56
43340	Esophagojejunostomy (without total gastrectomy); abdominal approach	5.39	5.57
43351	Esophagostomy, fistulization of esophagus, external; thoracic approach	4.8	5.23
43360	Gastrointestinal reconstruction for previous esophagectomy, for obstructing esophageal lesion or fistula, or for previous esophageal exclusion; with stomach, with or without pyloroplasty	9.39	9.55