

2024 Transplant Procedures: Is the Procedure Medicare Inpatient Only or not?

Disclaimer: This is not the CMS Inpatient Only Procedure List (Annual OPPS Addendum E). No guarantee can be made of the accuracy of this information which was compiled from public sources. CPT Codes are property of the AMA and are made available to the public only for non-commercial usage. American College of Physician Advisors Reformatted List of CMS Inpatient Only Procedures **2016, 2024**. All rights reserved.

xxxxx	Yellow = New CPT/HCPCS Code for CY 2024	xxxxx	Green = Active CPT/HCPCS changed from "IP only" to "not IP only" on 1/1/2023 and under status denial exemption until 1/1/2025
xxxxx	Blue = Active CPT/HCPCS changed from "not IP only" to "IP only" as of 1/1/2024	xxxxx	Orange = Active CPT/HCPCS changed from "IP only" to "not IP only" on 1/1/2024 and under status denial exemption until 1/1/2026

Kidney Transplant

Inpatient Only Procedure		Not an Inpatient Only Procedure	
50300	Donor nephrectomy (including cold preservation); from cadaver donor, unilateral or bilateral		
50320	Donor nephrectomy (including cold preservation); open, from living donor		
50323	Backbench standard preparation of cadaver donor renal allograft prior to transplantation, including dissection and removal of perinephric fat, diaphragmatic and retroperitoneal attachments, excision of adrenal gland, and preparation of ureter(s), renal vein(s), and renal artery(s), ligating branches, as necessary		
50325	Backbench standard preparation of living donor renal allograft (open or laparoscopic) prior to transplantation, including dissection and removal of perinephric fat and preparation of ureter(s), renal vein(s), and renal artery(s), ligating branches, as necessary		
50327	Backbench reconstruction of cadaver or living donor renal allograft prior to transplantation; venous anastomosis, each		
50328	Backbench reconstruction of cadaver or living donor renal allograft prior to transplantation; arterial anastomosis, each		
50329	Backbench reconstruction of cadaver or living donor renal allograft prior to transplantation; ureteral anastomosis, each		
50340	Recipient nephrectomy (separate procedure)		
50360	Renal allotransplantation, implantation of graft; without recipient nephrectomy		
50365	Renal allotransplantation, implantation of graft; with recipient nephrectomy		
50370	Removal of transplanted renal allograft		
50380	Renal autotransplantation, reimplantation of kidney		

Pancreas Transplant

Inpatient Only Procedure		Not an Inpatient Only Procedure	
0584T	Islet cell transplant, includes portal vein catheterization and infusion, including all imaging, including guidance, and radiological supervision and interpretation, when performed; percutaneous		
0585T	Islet cell transplant, includes portal vein catheterization and infusion, including all imaging, including guidance, and radiological supervision and interpretation, when performed; laparoscopic		
0586T	Islet cell transplant, includes portal vein catheterization and infusion, including all imaging, including guidance, and radiological supervision and interpretation, when performed; open		
48551	Backbench standard preparation of cadaver donor pancreas allograft prior to transplantation, including dissection of allograft from surrounding soft tissues, splenectomy, duodenotomy, ligation of bile duct, ligation of mesenteric vessels, and Y-graft arterial		

	anastomoses from iliac artery to superior mesenteric artery and to splenic artery		
48552	Backbench reconstruction of cadaver donor pancreas allograft prior to transplantation, venous anastomosis, each		
48554	Transplantation of pancreatic allograft		
48556	Removal of transplanted pancreatic allograft		
G0341	Percutaneous islet cell transplant, includes portal vein catheterization and infusion		
G0342	Laparoscopy for islet cell transplant, includes portal vein catheterization and infusion		
G0343	Laparotomy for islet cell transplant, includes portal vein catheterization and infusion		

Liver Transplant

Inpatient Only Procedure		Not an Inpatient Only Procedure	
47133	Donor hepatectomy (including cold preservation), from cadaver donor		
47135	Liver allotransplantation; orthotopic, partial or whole, from cadaver or living donor, any age		
47140	Donor hepatectomy (including cold preservation), from living donor; left lateral segment only (segments II and III)		
47141	Donor hepatectomy (including cold preservation), from living donor; total left lobectomy (segments II, III and IV)		
47142	Donor hepatectomy (including cold preservation), from living donor; total right lobectomy (segments V, VI, VII and VIII)		
47143	Backbench standard preparation of cadaver donor whole liver graft prior to allotransplantation, including cholecystectomy, if necessary, and dissection and removal of surrounding soft tissues to prepare the vena cava, portal vein, hepatic artery, and common bile duct for implantation; without trisegment or lobe split		
47144	Backbench standard preparation of cadaver donor whole liver graft prior to allotransplantation, including cholecystectomy, if necessary, and dissection and removal of surrounding soft tissues to prepare the vena cava, portal vein, hepatic artery, and common bile duct for implantation; with trisegment split of whole liver graft into 2 partial liver grafts (ie, left lateral segment [segments II and III] and right trisegment [segments I and IV through VIII])		
47145	Backbench standard preparation of cadaver donor whole liver graft prior to allotransplantation, including cholecystectomy, if necessary, and dissection and removal of surrounding soft tissues to prepare the vena cava, portal vein, hepatic artery, and common bile duct for implantation; with lobe split of whole liver graft into 2 partial liver grafts (ie, left lobe [segments II, III, and IV] and right lobe [segments I and V through VIII])		
47146	Backbench reconstruction of cadaver or living donor liver graft prior to allotransplantation; venous anastomosis, each		
47147	Backbench reconstruction of cadaver or living donor liver graft prior to allotransplantation; arterial anastomosis, each		

Intestinal Transplant

Inpatient Only Procedure		Not an Inpatient Only Procedure	
44132	Donor enterectomy (including cold preservation), open; from cadaver donor		
44133	Donor enterectomy (including cold preservation), open; partial, from living donor		
44135	Intestinal allotransplantation; from cadaver donor		
44136	Intestinal allotransplantation; from living donor		
44137	Removal of transplanted intestinal allograft, complete		
44715	Backbench standard preparation of cadaver or living		

	donor intestine allograft prior to transplantation, including mobilization and fashioning of the superior mesenteric artery and vein		
44720	Backbench reconstruction of cadaver or living donor intestine allograft prior to transplantation; venous anastomosis, each		
44721	Backbench reconstruction of cadaver or living donor intestine allograft prior to transplantation; arterial anastomosis, each		

Cardiac Transplant

Inpatient Only Procedure		Not an Inpatient Only Procedure	
33930	Donor cardiectomy-pneumonectomy (including cold preservation)		
33933	Backbench standard preparation of cadaver donor heart/lung allograft prior to transplantation, including dissection of allograft from surrounding soft tissues to prepare aorta, superior vena cava, inferior vena cava, and trachea for implantation		
33935	Heart-lung transplant with recipient cardiectomy-pneumonectomy		
33940	Donor cardiectomy (including cold preservation)		
33944	Backbench standard preparation of cadaver donor heart allograft prior to transplantation, including dissection of allograft from surrounding soft tissues to prepare aorta, superior vena cava, inferior vena cava, pulmonary artery, and left atrium for implantation		
33945	Heart transplant, with or without recipient cardiectomy		

Lung Transplant

Inpatient Only Procedure		Not an Inpatient Only Procedure	
0494T	Surgical preparation and cannulation of marginal (extended) cadaver donor lung(s) to ex vivo organ perfusion system, including decannulation, separation from the perfusion system, and cold preservation of the allograft prior to implantation, when performed		
0495T-0496T	Initiation and monitoring marginal (extended) cadaver donor lung(s) organ perfusion system by physician or qualified health care professional, including physiological and laboratory assessment (eg, pulmonary artery flow, pulmonary artery pressure, left atrial pressure, pulmonary vascular resistance, mean/peak and plateau airway pressure, dynamic compliance and perfusate gas analysis), including bronchoscopy and X ray when performed		
32850	Donor pneumonectomy(s) (including cold preservation), from cadaver donor		
32851	Lung transplant, single; without cardiopulmonary bypass		
32852	Lung transplant, single; with cardiopulmonary bypass		
32853	Lung transplant, double (bilateral sequential or en bloc); without cardiopulmonary bypass		
32854	Lung transplant, double (bilateral sequential or en bloc); with cardiopulmonary bypass		
32855	Backbench standard preparation of cadaver donor lung allograft prior to transplantation, including dissection of allograft from surrounding soft tissues to prepare pulmonary venous/atrial cuff, pulmonary artery, and bronchus; unilateral		
32856	Backbench standard preparation of cadaver donor lung allograft prior to transplantation, including dissection of allograft from surrounding soft tissues to prepare pulmonary venous/atrial cuff, pulmonary artery, and bronchus; bilateral		

Corneal Transplant

Inpatient Only Procedure		Not an Inpatient Only Procedure	
		65710	Keratoplasty (corneal transplant); anterior lamellar

		65730	Keratoplasty (corneal transplant); penetrating (except in aphakia or pseudophakia)
		65750	Keratoplasty (corneal transplant); penetrating (in aphakia)
		65755	Keratoplasty (corneal transplant); penetrating (in pseudophakia)
		65756	Keratoplasty (corneal transplant); endothelial
		65757	Backbench preparation of corneal endothelial allograft prior to transplantation (List separately in addition to code for primary procedure)
		65780	Ocular surface reconstruction; amniotic membrane transplantation, multiple layers
		65781	Ocular surface reconstruction; limbal stem cell allograft (eg, cadaveric or living donor)
		65782	Ocular surface reconstruction; limbal conjunctival autograft (includes obtaining graft)

Bone Marrow Transplant/Stem Cell/CAR-T Cell

Inpatient Only Procedure		Not an Inpatient Only Procedure	
		0537T	Chimeric antigen receptor T-cell (CAR-T) therapy; harvesting of blood-derived T lymphocytes for development of genetically modified autologous CAR-T cells, per day
		0538T	Chimeric antigen receptor T-cell (CAR-T) therapy; preparation of blood-derived T lymphocytes for transportation (eg, cryopreservation, storage)
		0539T	Chimeric antigen receptor T-cell (CAR-T) therapy; receipt and preparation of CAR-T cells for administration
		0540T	Chimeric antigen receptor T-cell (CAR-T) therapy; CAR-T cell administration, autologous
		38205	Blood-derived hematopoietic progenitor cell harvesting for transplantation, per collection; allogeneic
		38206	Blood-derived hematopoietic progenitor cell harvesting for transplantation, per collection; autologous
		38207-38215	Transplant preparation of hematopoietic progenitor cells; cryopreservation and storage; with or without thawing, washing, T cell depletion, tumor cell depletion, red blood cell depletion, RBC removal, platelet depletion, plasma depletion, or cell concentration in plasma, mononuclear, or buffy coat layer; codes 38207, 38208, 38209, 38210, 38211, 38212, 38213, 38214, 38215
		38220	Bone marrow; aspiration only
		38221	Bone marrow; biopsy, needle or trocar
		38222	Diagnostic bone marrow; biopsy(ies) and aspiration(s)
		38230	Bone marrow harvesting for transplantation; allogeneic
		38232	Bone marrow harvesting for transplantation; autologous
		38240	Hematopoietic progenitor cell (HPC); allogeneic transplantation per donor
		38241	Hematopoietic progenitor cell (HPC); autologous transplantation
		38242	Allogeneic lymphocyte infusions
		38243	Allogeneic hematopoietic cellular transplant boost

Miscellaneous Transplant

Inpatient Only Procedure		Not an Inpatient Only Procedure	
01990	Physiological support for harvesting of organ(s) from brain-dead patient		

Note: The following HCPCS codes do not appear in Addendum B:

S2053: Transplantation of small intestine and liver allografts

S2054: Transplantation of multivisceral organs

S2055: Harvesting of donor multivisceral organs, with preparation and maintenance of allografts; from cadaver donor

- S2060: Lobar lung transplantation
- S2061: Donor lobectomy (lung) for transplantation, living donor
- S2065: Simultaneous pancreas kidney transplantation
- S2102: Islet cell tissue transplant from pancreas; allogeneic
- S2103: Adrenal tissue transplant to brain
- S2140: Cord blood harvesting for transplantation, allogeneic
- S2142: Cord blood-derived stem cell transplantation, allogeneic
- S2150: Bone marrow or blood-derived stem cells (peripheral or umbilical), allogeneic or autologous, harvesting, transplantation, and related complications; including: pheresis and cell preparation/storage; marrow ablative therapy; drugs, supplies, hospitalization with outpatient follow-up; medical/surgical, diagnostic, emergency, and rehabilitative services; and the number of days of pre- and post-transplant care in the global definition