
Transplant Services Payment Policy

Policy Statement

Human organ transplant is the surgical removal of a whole or partial organ from one body and transplanting it to another, for the purpose of replacing the recipient's damaged or failing organ with a working one. Organ donors can be living, or deceased. Organs that can be transplanted include heart, lung, kidney, kidney-pancreas (for members with Type 1 Diabetes only), liver, bone marrow and stem cell.

Scope

This policy applies to:

- ☒ **Medicaid** *excluding Extended Family Planning (EFP)*
- ☒ **INTEGRITY**
- ☒ **Commercial**

Prerequisites

All services must be medically necessary to qualify for reimbursement. Neighborhood may use the following criteria to determine medical necessity:

- National Coverage Determination (NCD)
- Local Coverage Determination (LCD)
- Industry accepted criteria such as InterQual
- Rhode Island Executive Office of Health and Human Services (EOHHS) recommendations
- Clinical Medical Policies (CMP)

It is the provider's responsibility to verify eligibility, coverage and authorization criteria prior to rendering services.

For more information please refer to:

- Neighborhood's plan specific [Prior Authorization Reference page](#).
- Neighborhood's [Clinical Medical Policies](#).

Please contact Provider Services at 1-800-963-1001 for questions related to this policy.

Reimbursement Requirements

For Neighborhood members receiving a live donor organ transplant Neighborhood will cover the donors health care services associated with the harvesting of the organ. Neighborhood follows CMS guidelines and care related to the harvesting of an organ is covered for up to one (1) year.

Per CMS guidelines the donor's services are billed under the recipient's claim(s) from the hospital performing the transplant.



Neighborhood covers the donor's health care services associated with a transplant for a live donor.

All Lines of Business

Covered when ordered by a health plan physician. When the recipient is a member, the following services related to the procurement of the stem cells or solid organ from the donor are covered:

- A member's donor search expenses (see coverage limitations)
- Evaluation and preparation of the donor
- Dental exam prior to kidney transplant
- Obtaining and transporting donated organs for the member receiving a transplant
- A member's human leukocyte antigen (HLA) testing
- Recipient transplant covered services
- Live donor covered services - including surgical intervention and recovery services related directly to donating the stem cells or solid organ to the member

Transplant Coverage Includes but not limited to:

- Bone marrow (allogenic and autologous);
- Cornea;
- Heart;
- Heart/lung;
- Intestinal and multivisceral;
- Kidney;
- Liver;
- Lung/double lung;
- Pancreas transplant post-kidney transplant;
- Simultaneous pancreas/kidney;
- Stem cell.

Coverage Limitations

Commercial

- The member's donor search expenses are limited to 10 searches for donors not related by blood

Coverage Exclusions

- Experimental or Investigational transplant procedures except those required by federal or Rhode Island law
- Services or supplies related to an excluded procedure
- Services or supplies for a donor that are not directly related to the organ transplant



- Services relating to collection, preservation and potential future use of umbilical cord blood
- Donor related medical or other expenses of a transplant when the recipient is not a member.
- Lodging is not covered even when related to receiving any medical service.

Claim Submission

All donor charges should be submitted under the Neighborhood recipient's name and member identification number.

Billable services are subject to contractual agreements, when applicable. Providers are required to submit complete claims for payment within contractually determined timely filing guidelines.

Coding must meet standards defined by the American Medical Association's Current Procedural Terminology Editorial Panel's (CPT®) codebook, the International Statistical Classification of Diseases and Related Health Problems, 10th revision, Clinical Modification (ICD-10-CM), and the Healthcare Common Procedure Coding System (HCPCS) Level II.

Documentation Requirements

Neighborhood reserves the right to request medical records for any service billed. Documentation in the medical record must support the service(s) billed as well as the medical necessity of the service(s). Neighborhood follows CMS standards for proper documentation requirements.

Member Responsibility

Commercial plans include cost sharing provisions for coinsurance, copays, and deductibles. Members may have out of pocket expenses based on individual plan selection and utilization. Please review cost sharing obligations or contact Member Services prior to finalizing member charges.

Disclaimer

This payment policy is informational only and is not intended to address every situation related to reimbursement for healthcare services; therefore, it is not a guarantee of reimbursement.

Claim payments are subject to the following, which include but are not limited to: Neighborhood Health Plan of Rhode Island benefit coverage, member eligibility, claims payment edit rules, coding and documentation guidelines, authorization policies, provider contract agreements, and state and federal regulations. References to CPT or other sources are for definitional purposes only.

This policy may not be implemented exactly the same way on the different electronic claims processing systems used by Neighborhood due to programming or other constraints; however, Neighborhood strives to minimize these variations.

The information in this policy is accurate and current as of the date of publication; however, medical practices, technology, and knowledge are constantly changing. Neighborhood reserves the right to update this payment policy at any time. All services billed to Neighborhood for reimbursement are subject to audit.

Coding

CPT Code	Description
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
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
38204	Management of recipient hematopoietic progenitor cell donor search and cell acquisition
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	Transplant preparation of hematopoietic progenitor cells; cryopreservation and storage

CPT Code	Description
38208	Transplant preparation of hematopoietic progenitor cells; thawing of previously frozen harvest, without washing, per donor
38209	Transplant preparation of hematopoietic progenitor cells; thawing of previously frozen harvest, with washing, per donor
38210	Transplant preparation of hematopoietic progenitor cells; specific cell depletion within harvest, T-cell depletion
38211	Transplant preparation of hematopoietic progenitor cells; tumor cell depletion
38212	Transplant preparation of hematopoietic progenitor cells; red blood cell removal
38213	Transplant preparation of hematopoietic progenitor cells; platelet depletion
38214	Transplant preparation of hematopoietic progenitor cells; plasma (volume) depletion
38215	Transplant preparation of hematopoietic progenitor cells; cell concentration in plasma, mononuclear, or buffy coat layer
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
38243	Hematopoietic progenitor cell (HPC); HPC boost
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

CPT Code	Description
	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
48160	Pancreatectomy, total or subtotal, with autologous transplantation of pancreas or pancreatic islet cells
48550	Donor pancreatectomy (including cold preservation), with or without duodenal segment for transplantation
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
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

CPT Code	Description
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
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
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
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 posttransplant care in the global definition
S2152	Solid organ(s), complete or segmental, single organ or combination of organs; deceased or living donor(s), procurement, transplantation, and related complications; including: drugs; supplies; hospitalization with outpatient follow-up; medical/surgical, diagnostic, emergency, and rehabilitative services, and the number of days of pre- and posttransplant care in the global definition

Document History

Date	Action
11/07/2025	Annual Policy Review Date. No content changes.
12/11/2024	Annual Policy Review Date. Added lodging exclusion.
11/28/2023	Annual Policy Review Date. No content changes
01/01/2023	Format update. Update claim submission language and coverage information.
10/3/2013	Policy Created