

Department of Origin: Integrated Healthcare Services	Effective Date: 12/03/24
Approved by: Medical Policy Quality Management Subcommittee	Date Approved: 12/03/24
Clinical Policy Document: Transplantation, Solid Organ	Replaces Effective Clinical Policy Dated: 12/12/23
Reference #: MC/T008	Page: 1 of 3

PURPOSE:

The intent of this clinical policy is to ensure services are medically necessary.

Please refer to the member's benefit document for specific information. To the extent there is any inconsistency between this policy and the terms of the member's benefit plan or certificate of coverage, the terms of the member's benefit plan document will govern.

POLICY:

Benefits must be available for health care services. Health care services must be ordered by a provider. Health care services must be medically necessary, applicable conservative treatments must have been tried, and the most cost-effective alternative must be requested for coverage consideration.

GUIDELINES:

Medical Necessity Criteria - Initial and retransplantation request must satisfy all of the following: I - III

- I. Approval by the requesting transplant center; and
- II. Covered Indications as determined by the most current [Optum Clinical Guidelines for Solid Organ Transplantation](#); and
- III. The decision regarding the appropriateness of transplantation in the presence of one or more universal or organ-specific contraindications will be left up to transplanting facility.

EXCLUSIONS:

Refer to member's Certificate of Coverage or Summary Plan Description

The following are considered investigative (see Investigative List): I - V

- I. Artificial Heart for Destination Therapy (permanent), totally implantable
- II. Heart transplant rejection testing, MyTAI
- III. Islet cell transplantation, percutaneous, laparoscopic, or open
- IV. Islet cell transplantation for treatment of Diabetes
- V. Xenotransplantation

DEFINITIONS:Reliable evidence:

Consensus opinions and recommendations reported in the relevant medical and scientific literature, peer-reviewed journals, reports of clinical trial committees, or technology assessment bodies, and professional consensus opinions of local and national health care providers.

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Transplant/Graft

Portion of the body or complete organ removed from its natural site and transferred to a separate site in the same or different individual.

BACKGROUND:

The three sources of donor kidneys are living related donors, living unrelated donors, and cadaver donors. In most simultaneous pancreas kidney (SPK) transplants, both organs come from the same cadaver donor. However, it is possible to have SPK transplant from a living donor using one-half a pancreas (segmental graft). It is also possible to do a living donor kidney transplant simultaneously with a cadaver donor pancreas transplant.

The three sources of donor livers are living related donors, living unrelated donors, and cadaver donors, although most come from cadaver donors. Transplanted livers may be whole or partial. Living adult donors may donate a portion of their liver.

Pancreas transplant alone (PTA) as a preventative measure for diabetic patients who are at a stage where progression can be halted require documentation from the transplant surgeon supporting the beneficial effects would offset the potential risk of complications from immunosuppression.

Pancreas after kidney transplantation (PAK) is generally the option chosen for patients who have a living donor for the kidney.

Pancreatic islet cell transplantation for diabetes is being investigated for potential advantages over whole-gland transplants. However, at this time, islet cell transplantation for diabetes as the sole indication is an experimental procedure, also requiring systemic immunosuppression, and should be performed only within the setting of controlled research studies

Guidelines for living donor and cadaver transplants are the same if medical/scientific evidence supports the procedure as standard/acceptable treatment for a specific condition and is not investigative.

A designated transplant center/center of excellence may be required by the terms of the member's benefit plan for maximum benefit coverage.

There are often many clinical trials and studies associated with transplants (where transplant is considered standard of care). Any component of the transplant that is part of a clinical trial or a study is not eligible for coverage.

Refer to benefit plan and medical policy for transplant and re-transplantation benefits, limitations and exclusions, non-coverage explanation of investigational and study generated protocol services, and eligible/non-eligible benefits for the donor.

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Prior Authorization: Yes, per network provider agreement.

Precertification: Yes

CODING:

CPT®

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
 33945 Heart transplant, with or without recipient cardiectomy
 47135 Liver allotransplantation; orthotopic, partial or whole, from cadaver or living donor, any age
 48160
 48554 Transplantation of pancreatic allograft
 50360 Renal allotransplantation, implantation of graft; without recipient nephrectomy
 50365 Renal allotransplantation, implantation of graft; with recipient nephrectomy
 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
 S2053 Transplantation of small intestine and liver allografts
 S2054 Transplantation of multivisceral organs
 S2060 Lobar lung transplantation
 S2065 Simultaneous pancreas kidney transplantation
 S2102 Islet cell tissue transplant from pancreas; allogeneic

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REFERENCES:

1. Integrated Healthcare Services Process Manual: UR015 Use of Medical Policy and Criteria
2. Clinical Policy: Coverage Determination Guidelines (MP/C009)
3. Clinical Policy: Investigative Services (MP/I001)
4. Clinical Policy: Ventricular Assist Devices (VAD) and Total Artificial Heart (TAH) (MC/A006)
5. US Department of Health & Human Services. Organ Procurement and Transplantation Network (OPTN) Policies. 2024. Retrieved from https://optn.transplant.hrsa.gov/media/1200/optn_policies.pdf. Accessed 07-29-24.
6. Optum Clinical Guidelines for Solid Organ Transplantation. 2024. Retrieved from <https://www.uhcprovider.com/content/dam/provider/docs/public/policies/clinical-guidelines/transplant-review-guidelines-solid-organ-transplantation.pdf>. Accessed on 10-02-24.

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PCHP:

Provides free aids and services to people with disabilities to communicate effectively with us, such as:

- Qualified sign language interpreters
- Written information in other formats (large print, audio, accessible electronic formats, other formats)

Provides free language services to people whose primary language is not English, such as:

- Qualified interpreters
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If you believe that PCHP has failed to provide these services or discriminated in another way on the basis of race, color, national origin, age, disability, or sex, you can file a grievance with:

Grievance Specialist
PreferredOne Community Health Plan
PO Box 59052
Minneapolis, MN 55459-0052
Phone: 1.800.940.5049 (TTY: 763.847.4013)
Fax: 763.847.4010
customerservice@preferredone.com

You can file a grievance in person or by mail, fax, or email. If you need help filing a grievance, a Grievance Specialist is available to help you.

You can also file a civil rights complaint with the U.S. Department of Health and Human Services, Office for Civil Rights, electronically through the Office for Civil Rights Complaint Portal, available at <https://ocrportal.hhs.gov/ocr/portal/lobby.jsf>, or by mail or phone at:

U.S. Department of Health and Human Services
200 Independence Avenue, SW
Room 509F, HHH Building
Washington, D.C. 20201
1-800-368-1019, 800-537-7697 (TDD)

Complaint forms are available at <http://www.hhs.gov/ocr/office/file/index.html>.

Language Assistance Services

ATTENTION: If you do not speak English, language assistance services, free of charge, are available to you. Call 1.800.940.5049 (TTY: 763.847.4013).

ATENCIÓN: si habla español, tiene a su disposición servicios gratuitos de asistencia lingüística. Llame al 1.800.940.5049 (TTY: 763.847.4013).

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XIYYEEFFANNAA: Afaan dubbattu Oroomiffa, taiaajiila qarqaarsa afaanii, kanfaltiidhaan ala, ni argama. Bilbilaa 1.800.940.5049 (TTY: 763.847.4013).

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ማስታወሻ፡ የሚናገሩት ቋንቋ አማርኛ ከሆነ የትርጉም እርዳታ ድርጅቶች፡ በነጻ ሊያግዝዎት ተዘጋጅተዋል፡ ወደ ሚከተለው ቁጥር ይደውሉ 1.800.940.5049 (መስማት ለተሳናቸው፡ 763.847.4013) .

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U.S. Department of Health and Human Services
200 Independence Avenue, SW
Room 509F, HHH Building
Washington, D.C. 20201
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