Transplant: Solid Organ

Origination: May 21, 2001
Review Date: December 21, 2016
Next review: December, 2018

DESCRIPTION OF PROCEDURE OR SERVICE
Solid organ transplants are necessary to replace end stage disease with a donor’s healthy organ. The purpose of a transplant is to extend and improve the quality of life.

POLICY STATEMENT
Coverage will be provided for transplants when it is determined to be medically necessary because the medical criteria and guidelines shown below are met.

BENEFIT APPLICATION
Please refer to the member’s individual Evidence of Coverage (EOC) for benefit determination. Coverage will be approved according to the EOC limitations if the criteria are met.

Coverage decisions for members will be made in accordance with:
- The Centers for Medicare & Medicaid Services (CMS) national coverage decisions;
- General coverage guidelines included in original Medicare manuals unless superseded by operational policy letters or regulations;
- Written coverage decisions of local Medicare carriers and intermediaries with jurisdiction for claims in the geographic area in which services are covered.

Benefit payments are subject to contractual obligations of the Plan. If there is a conflict between the general policy guidelines contained in the Medical Coverage Policy Manual and the terms of the member’s particular Evidence of Coverage (EOC), the EOC always governs the determination of benefits.

INDICATIONS FOR COVERAGE
1. Preauthorization by the Plan for the transplant procedure is required;

   AND

2. All transplants must be recommended by a physician;
3. Documentation of the following:
   a. Documentation of organ failure, **AND**
   b. Documentation of transplantation candidacy as per facility guidelines/protocol; **AND**
   c. The facility is approved by CMS as meeting institutional coverage criteria for performing transplants and is listed on the CMS certified facility list for the transplants; [https://www.cms.gov/Medicare/Provider-Enrollment-and-Certification/CertificationandCompliance/Downloads/ApprovedTransplantPrograms.pdf](https://www.cms.gov/Medicare/Provider-Enrollment-and-Certification/CertificationandCompliance/Downloads/ApprovedTransplantPrograms.pdf);

4. If there is a NCD available for the specific transplant requested, the documentation should support the Medicare guidance indicated in the NCD. Refer to NCD Transplantation: Solid Organ Transplants.

5. The following are CMS approved transplants:
   - Heart,
   - Artificial Heart (in a CMS qualified clinical trial),
   - Ventricular Assist Devices (VAD),
   - Heart/Lung,
   - Cornea,
   - Kidney,
   - Intestine,
   - Liver,
   - Lung, and
   - Kidney/Pancreas. (A pancreas transplant can be performed with the kidney transplant or after the kidney transplant. If the Pancreas is transplanted alone, it must be in a Medicare approved kidney transplant facility and meet criteria in the National Coverage Determination (NCD).

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**WHEN COVERAGE WILL NOT BE APPROVED**

1. Transplants experimental/investigational in nature, unless in a qualified Medicare approved clinical trial.
2. Combined kidney & liver transplant;
3. Pancreas transplant for diabetic patients who have not experienced end stage renal failure secondary to diabetes.
4. Transplantation of partial pancreatic tissue or islet cells (except in the context of a clinical trial);
5. Facility is not approved by CMS as meeting institutional coverage criteria for transplants.
6. Adult liver transplantation for malignancies (excluding hepatocellular carcinoma);
7. Nationally non-covered indications in the respective NCDs.

BILLING/ CODING/PHYSICIAN DOCUMENTATION INFORMATION
This policy may apply to the following codes. Inclusion of a code in the section does not guarantee reimbursement.

Applicable Codes: 32850, 32851, 32852, 32853, 32854, 32855, 32856, 33930, 33933 33935, 33940, 33944, 33945, 44132, 44133, 44135, 44136, 44715, 44720, 44721, 47133, 47135, 47136, 47140, 47141, 47142, 47143, 47144, 47145, 47146, 47147, 48160, 48550, 48551, 48552, 48554, 50300, 50320, 50323, 50325, 50327, 50328, 50329, 50340, 50360, 50365, 50380

The Plan may request medical records for determination of medical necessity. When medical records are requested, letters of support and/or explanation are often useful, but are not sufficient documentation unless all specific information needed to make a medical necessity determination is included.

For an approved organ transplant, services eligible for coverage include:

1. Preoperative Care, including prophylactic dental care, i.e., including periodontal care;
2. Transplant Care, facility and professional fees;
3. Organ Procurement Fees, including organ donor fees;
4. Post-transplant care is covered as medical benefit, including immunosuppressant drugs;
5. A psychological evaluation by a trained psychologist is covered as a medical benefit as part of a transplant evaluation process;
6. Living donor expenses are eligible for coverage through the procurement process.

SPECIAL NOTES
1. Immunosuppressive drugs are covered as a medical benefit (Part B) for members after a Medicare covered transplant procedure. See Medical Coverage Policy “Immunosuppressant Medications.”
2. Transportation and Lodging Expenses: When the Plan pre-authorizes a member to receive transplant services at a facility located outside of the Plan’s service area (i.e. North Carolina), the Plan will cover reasonable expenses for transportation to and lodging at the distant location for the member and a companion. When transplant services are provided by a facility located inside the Plan’s service area,
transportation and lodging expenses are not covered by the Plan. Lodging must be approved in advance and arranged through the transplant coordinator at the transplant center or the Plan. (See Authorization Entry Guidelines)

References:

1. Medicare National Coverage Determination for Heart Transplants (ID #260.9); Effective date: 5/1/2008; accessed via Internet site http://www.cms.gov on 11/21/16.
3. Medicare National Coverage Determination (NCD) for Adult Liver Transplantation (ID#260.1); Effective date: 6/21/2012; Accessed via Internet at www.cms.gov; viewed on 11/21/16;
5. Medicare Decision Memo for Transplant Centers: Re-Evaluation of Criteria for Medicare Approval (CAG-00061N); Effective date: 7/26/00; accessed via Internet site http://www.cms.gov on 11/21/16.
6. Medicare Managed Care Manual- Chapter 4- Benefits and Beneficiary Protections; Reviewed on 10/20/16; Section 30.4; Transportation Benefits. Accessed via internet site http://www.cms.gov/manuals/downloads/mc86c04.pdf on 11/21/16;

Policy Implementation/Update Information:

Revision Dates:
December 31, 2001 and February 22, 2002; June 22, 2005; February 21, 2007: No criteria changes made
June 17, 2009: New online policy format; removed Medical Director Review required for all requests; clarified
Transportation and lodging section to remain compliant with new CMS regulations.
October 26, 2011: Added CMS language regarding distant location provision found in MCM Chp 4.
July 16, 2014; Annual review; applied updates according to NCDs; defined “normal community standard” to assist staff; added edits for further clarity per Medicare guidance. October 29, 2015 updated LCD due to ICD-10 update only.
December 21, 2016: Updated policy by separation of Solid Organ Transplant and Stem Cell information per CEC request for staff clarification.

Approval Dates:
Medical Coverage Policy Committee: December 21, 2016

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