Overview
Liver transplantation is covered for children (under age 18) with extrahepatic biliary atresia or any other form of end stage liver disease, except that coverage is not provided for children with a malignancy extending beyond the margins of the liver or those with persistent viremia.

Guidelines
Liver transplantation is covered when performed in a pediatric hospital that performs pediatric liver transplants if the hospital submits an application which CMS approves documenting that:

- The hospital's pediatric liver transplant program is operated jointly by the hospital and another facility that has been found by CMS to meet the institutional coverage criteria in the "Federal Register" notice of April 12, 1991;
- The unified program shares the same transplant surgeons and quality assurance program (including oversight committee, patient protocol, and patient selection criteria); and
- The hospital is able to provide the specialized facilities, services and personnel that are required by pediatric liver transplant patients.

APPLICABLE CODES
The following list(s) of codes is provided for reference purposes only and may not be all inclusive. Listing of a code in this guideline does not imply that the service described by the code is a covered or non-covered health service. Benefit coverage for health services is determined by the member specific benefit plan document and applicable laws that may require coverage for a specific service. The inclusion of a code does not imply any right to reimbursement or guarantee claim payment. Other Policies and Guidelines may apply.

Coding Clarification: The following CPT codes and ICD-10 Procedure Codes are from NCD 260.1 Adult Liver Transplantation.

<table>
<thead>
<tr>
<th>CPT Code</th>
<th>Description</th>
</tr>
</thead>
<tbody>
<tr>
<td>47135</td>
<td>Liver allotransplantation; orthotopic, partial or whole, from cadaver or living donor, any age</td>
</tr>
<tr>
<td>47399</td>
<td>Unlisted procedure, liver</td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>ICD-10 Procedure Code</th>
<th>Description</th>
</tr>
</thead>
<tbody>
<tr>
<td>0FY00Z0</td>
<td>Transplantation of liver, allogeneic, open approach</td>
</tr>
<tr>
<td>0FY00Z1</td>
<td>Transplantation of liver, syngeneic, open approach</td>
</tr>
</tbody>
</table>

*CPT® is a registered trademark of the American Medical Association*
QUESTIONS AND ANSWERS

1 Q: Does CMS require that liver transplants be performed at a CMS approved facility?
A: Yes, CMS approved facility locations for liver transplants are on the CMS website. (Page 97)

PURPOSE

The Medicare Advantage Policy Guideline documents are generally used to support UnitedHealthcare Medicare Advantage claims processing activities and facilitate providers’ submission of accurate claims for the specified services. The document can be used as a guide to help determine applicable:
- Medicare coding or billing requirements, and/or
- Medical necessity coverage guidelines; including documentation requirements.

UnitedHealthcare follows Medicare guidelines such as LCDs, NCDs, and other Medicare manuals for the purposes of determining coverage. It is expected providers retain or have access to appropriate documentation when requested to support coverage. Please utilize the links in the References section below to view the Medicare source materials used to develop this resource document. This document is not a replacement for the Medicare source materials that outline Medicare coverage requirements. Where there is a conflict between this document and Medicare source materials, the Medicare source materials will apply.

REFERENCES

CMS National Coverage Determinations (NCDs)
NCD 260.2 Pediatric Liver Transplantation
Reference NCD: NCD 260.1 Adult Liver Transplantation

CMS Claims Processing Manual
Chapter 3; § 90.4 Liver Transplants

CMS Transmittals
Transmittal 146, Change Request 7908, Dated 08/03/2012 (Liver Transplantation for Patients with Malignancies)
Transmittal 1165, Change Request 8109, Dated 01/18/2013 (International Classification of Diseases (ICD)-10 Conversion from ICD-9 and Related Code Infrastructure of the Medicare Shared Systems as They Relate to CMS National Coverage Determinations (NCDs) (CR) (Pages 30-33))
Transmittal 1753, Change Request 9751, Dated 11/17/2016 (Coding Revisions to National Coverage Determination (NCDs))
Transmittal 1975, Change Request 10318, Dated November 9, 2017 (ICD-10 and Other Coding Revisions to National Coverage Determinations (NCDs))
Transmittal 2513, Change Request 7908, Dated 08/03/2012 (Liver Transplantation for Patients with Malignancies)

MLN Matters
Article MM7908, Liver Transplantation for Patients with Malignancies
Article MM8109, Revised, International Classification of Diseases 10th Edition (ICD-10) Conversion from ICD-9 and Related Code Infrastructure of the Medicare Shared Systems as They Relate to the Centers for Medicare & Medicaid Services (CMS) National Coverage Determinations (NCDs)
Article MM9751, Coding Revisions to National Coverage Determination (NCDs)

Others
Medicare Approved Transplant Programs, (Page 97-130), CMS Website

GUIDELINE HISTORY/REVISION INFORMATION

Revisions to this summary document do not in any way modify the requirement that services be provided and documented in accordance with the Medicare guidelines in effect on the date of service in question.

<table>
<thead>
<tr>
<th>Date</th>
<th>Action/Description</th>
</tr>
</thead>
<tbody>
<tr>
<td>04/01/2019</td>
<td>• Reorganized policy template; relocated Terms and Conditions and Purpose section</td>
</tr>
<tr>
<td>08/08/2018</td>
<td>• Annual review</td>
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</table>

TERMS AND CONDITIONS

The Medicare Advantage Policy Guidelines are applicable to UnitedHealthcare Medicare Advantage Plans offered by UnitedHealthcare and its affiliates.
These Policy Guidelines are provided for informational purposes, and do not constitute medical advice. Treating physicians and healthcare providers are solely responsible for determining what care to provide to their patients. Members should always consult their physician before making any decisions about medical care.

Benefit coverage for health services is determined by the member specific benefit plan document* and applicable laws that may require coverage for a specific service. The member specific benefit plan document identifies which services are covered, which are excluded, and which are subject to limitations. In the event of a conflict, the member specific benefit plan document supersedes the Medicare Advantage Policy Guidelines.

Medicare Advantage Policy Guidelines are developed as needed, are regularly reviewed and updated, and are subject to change. They represent a portion of the resources used to support UnitedHealthcare coverage decision making. UnitedHealthcare may modify these Policy Guidelines at any time by publishing a new version of the policy on this website. Medicare source materials used to develop these guidelines include, but are not limited to, CMS National Coverage Determinations (NCDs), Local Coverage Determinations (LCDs), Medicare Benefit Policy Manual, Medicare Claims Processing Manual, Medicare Program Integrity Manual, Medicare Managed Care Manual, etc. The information presented in the Medicare Advantage Policy Guidelines is believed to be accurate and current as of the date of publication, and is provided on an "AS IS" basis. Where there is a conflict between this document and Medicare source materials, the Medicare source materials will apply.

You are responsible for submission of accurate claims. Medicare Advantage Policy Guidelines are intended to ensure that coverage decisions are made accurately based on the code or codes that correctly describe the health care services provided. UnitedHealthcare Medicare Advantage Policy Guidelines use Current Procedural Terminology (CPT®), Centers for Medicare and Medicaid Services (CMS), or other coding guidelines. References to CPT® or other sources are for definitional purposes only and do not imply any right to reimbursement or guarantee claims payment.

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*For more information on a specific member's benefit coverage, please call the customer service number on the back of the member ID card or refer to the Administrative Guide.