**Digital Subtraction Angiography (NCD 220.9)**

<table>
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<tr>
<th>Policy Number</th>
<th>Approved By</th>
<th>UnitedHealthcare Medicare Reimbursement Policy Committee</th>
<th>Current Approval Date</th>
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<tr>
<td>220.9</td>
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<td>09/25/2013</td>
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**IMPORTANT NOTE ABOUT THIS REIMBURSEMENT POLICY**

This policy is applicable to UnitedHealthcare Medicare Advantage Plans offered by UnitedHealthcare and its affiliates.

You are responsible for submission of accurate claims. This reimbursement policy is intended to ensure that you are reimbursed based on the code or codes that correctly describe the health care services provided. UnitedHealthcare reimbursement policies 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.

This reimbursement policy applies to all health care services billed on CMS 1500 forms and, when specified, to those billed on UB04 forms (CMS 1450). Coding methodology, industry-standard reimbursement logic, regulatory requirements, benefits design and other factors are considered in developing reimbursement policy. This information is intended to serve only as a general resource regarding UnitedHealthcare’s reimbursement policy for the services described and is not intended to address every aspect of a reimbursement situation. Accordingly, UnitedHealthcare may use reasonable discretion in interpreting and applying this policy to health care services provided in a particular case. Further, the policy does not address all issues related to reimbursement for health care services provided to UnitedHealthcare enrollees. Other factors affecting reimbursement may supplement, modify or, in some cases, supersede this policy. These factors may include, but are not limited to: legislative mandates, the physician or other provider contracts, and/or the enrollee’s benefit coverage documents. Finally, this policy may not be implemented exactly the same way on the different electronic claims processing systems used by UnitedHealthcare due to programming or other constraints; however, UnitedHealthcare strives to minimize these variations.

UnitedHealthcare may modify this reimbursement policy at any time by publishing a new version of the policy on this Website. However, the information presented in this policy is accurate and current as of the date of publication.

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**Application**

This reimbursement policy applies to services reported using the Health Insurance Claim Form CMS-1500 or its electronic equivalent or its successor form, and services reported using facility claim form CMS-1450 or its electronic equivalent or its successor form. This policy applies to all products, all network and non-network physicians, and other health care professionals.

The HCPCS/CPT code(s) may be subject to Correct Coding Initiative (CCI) edits. This policy does not take precedence over CCI edits. Please refer to the CCI for correct coding guidelines and specific applicable code.
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combinations prior to billing UnitedHealthcare. It is not enough to link the procedure code to a correct, payable ICD-9-CM diagnosis code. The diagnosis must be present for the procedure to be paid. Compliance with the provisions in this policy is subject to monitoring by pre-payment review and/or post-payment data analysis and subsequent medical review. The effective date of changes/additions/deletions to this policy is the committee meeting date unless otherwise indicated. CPT codes and descriptions are copyright 2010 American Medical Association (or such other date of publication of CPT). All rights reserved. CPT is a registered trademark of the American Medical Association. Applicable FARS/DFARS restrictions apply to Government use. Fee schedules, relative value units, conversion factors, and/or related components are not assigned by the AMA, are not part of CPT, and the AMA is not recommending their use. The AMA does not directly or indirectly practice medicine or dispense medical services. The AMA assumes no liability for data contained or not contained herein. Current Dental Terminology (CDT), including procedure codes, nomenclature, descriptors, and other data contained therein, is copyright by the American Dental Association, 2002, 2004. All rights reserved. CDT is a registered trademark of the American Dental Association. Applicable FARS/DFARS apply.

Summary

Overview

Digital subtraction angiography (DSA) is a diagnostic imaging technique that applies computer technology to fluoroscopy for the purpose of visualizing the same vascular structures observable with conventional angiography. Since the radiographic contrast material can be injected into a vein rather than an artery, the procedure reduces the risk to patients, and can be done on an outpatient basis.

Reimbursement Guidelines

Contractors should be alert to possible increases in utilization of DSA over conventional angiographic procedures, as well as to the fact that ordinarily patients should not require inpatient hospitalization solely to perform the procedure.

Payment for DSA should not exceed, and may be less than, that being paid for conventional angiographic techniques.

CPT/HCPCS Codes

<table>
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<tr>
<th>Code</th>
<th>Description</th>
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<tr>
<td>76350</td>
<td>Subtraction in conjunction with contrast studies (Expired 12/31/2010; no code replacement)</td>
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<tr>
<td>76499</td>
<td>Unlisted diagnostic radiographic procedure</td>
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References Included (but not limited to):

CMS NCD

NCD 220.9 Digital Subtraction Angiography

CMS LCD(s)

Numerous LCDs

CMS Benefit Policy Manual

Chapter 6, § 20.4-20.4.1 Outpatient Diagnostic Services

Chapter 15, § 80 Requirements for Diagnostice X-Ray, Diagnostic Laboratory, and Other Diagnostic Tests

CMS Claims Processing Manual

Chapter 13 Radiology Services and Other Diagnostic Procedures

UnitedHealthcare Medicare Advantage Coverage Summaries

Cardiovascular Diagnostic Procedures

Others

Title XVIII of the Social Security Act, Section 1862 (a)(7), Section 1862 (a)(1)(A), and Section 1833(e)

History

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<tr>
<th>Date</th>
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<tr>
<td>09/25/2013</td>
<td>Re-review of policy MRPC approved</td>
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<tr>
<td>10/12/2011</td>
<td>Re-review of policy MRPC approved</td>
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<tr>
<td>02/10/2010</td>
<td>Re-review of policy MRPC approved</td>
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