PROSTATIC ACID PHOSPHATASE TESTING

Policy Number: CMP - 053  
Effective Date: January 1, 2018

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INSTRUCTIONS FOR USE

This Medical Policy provides assistance in interpreting UnitedHealthcare benefit plans. When deciding coverage, the enrollee specific document must be referenced. The terms of an enrollee’s document (e.g., Certificate of Coverage (COC) or Summary Plan Description (SPD)) may differ greatly. In the event of a conflict, the enrollee's specific benefit document supersedes this Medical Policy. All reviewers must first identify enrollee eligibility, any federal or state regulatory requirements and the plan benefit coverage prior to use of this Medical Policy. Other Policies and Coverage Determination Guidelines may apply.

UnitedHealthcare reserves the right, in its sole discretion, to modify its Policies and Guidelines as necessary. This Medical Policy is provided for informational purposes. It does not constitute medical advice.

UnitedHealthcare may also use tools developed by third parties, such as the MCG™ Care Guidelines, to assist us in administering health benefits. The MCG™ Care Guidelines are intended to be used in connection with the independent professional medical judgment of a qualified health care provider and do not constitute the practice of medicine or medical advice.

BACKGROUND

Acid phosphatase is an enzyme found throughout the body, but primarily in the prostate gland. The male prostate gland has 100 times more acid phosphatase than any other body tissue.

Prostatic acid phosphatase may be found in increased amounts in men who have prostate cancer or other diseases. The highest levels of acid phosphatase are found in metastasized prostate cancer. When prostate cancer spreads to other parts of the body, acid phosphatase levels rise, particularly if the cancer spreads to the bone. One-half to three-fourths of persons who have metastasized prostate cancer have high acid phosphatase levels. Levels fall after the tumor is removed or reduced through treatment.

Prostatic acid phosphatase is not a screening test for prostate cancer, however it was used extensively as a serum marker for prostate cancer. Prostatic acid phosphatase was used to monitor and assess progression of...
prostate cancer until the introduction of prostate specific antigen (PSA), which has now largely displaced it. Recent work, suggesting it has a role in prognosticating intermediate and high-risk prostate cancer, has led to renewed interest in this marker.²

However the American Urological Association states that PSA is the best predictor of skeletal metastases found on radionuclide bone scan.³ New biochemical markers (e.g., IL-6, TGF-β1) are being investigated for the staging of prostate cancer.

Certain medications can cause temporary increases or decreases in acid phosphatase levels. Manipulation of the prostate gland through massage, biopsy or rectal exam before a test may increase the level. Additionally, acid phosphatase is very concentrated in semen, thus rape investigations will often include testing for the presence of acid phosphatase in vaginal fluid.¹

**POLICY**

For the following CPT code(s) in Table 1, the patient should have a diagnosis (ICD-9-CM, ICD-10-CM) code(s) listed in the attached files below.

*Table 1. HCPCS Codes (Alphanumeric, CPT® AMA)*

<table>
<thead>
<tr>
<th>HCPCS Code</th>
<th>Description</th>
</tr>
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<tbody>
<tr>
<td>84066</td>
<td>Phosphatase, acid; Prostatic</td>
</tr>
</tbody>
</table>

*ICD-10 Diagnosis Codes (Proven)*

CMP-053 Prostatic
Acid Phos ICD10_v1.
REFERENCES


<table>
<thead>
<tr>
<th>Date</th>
<th>Action/Description</th>
</tr>
</thead>
<tbody>
<tr>
<td>01/21/2017</td>
<td>Updated ICD10 codes as per CMS recommendations. Removed ICD9 code file.</td>
</tr>
<tr>
<td>10/01/2015</td>
<td>Removed ICD9 table. Embedded ICD9/ ICD10 PDF files.</td>
</tr>
</tbody>
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