

190.31 - Prostate Specific Antigen

Other Names/Abbreviations

Total PSA

Description

Prostate Specific Antigen (PSA), a tumor marker for adenocarcinoma of the prostate, can predict residual tumor in the post-operative phase of prostate cancer. Three to 6 months after radical prostatectomy, PSA is reported to provide a sensitive indicator of persistent disease. Six months following introduction of antiandrogen therapy, PSA is reported of distinguishing patients with favorable response from those in whom limited response is anticipated.

PSA when used in conjunction with other prostate cancer tests, such as digital rectal examination, may assist in the decision-making process for diagnosing prostate cancer. PSA also, serves as a marker in following the progress of most prostate tumors once a diagnosis has been established. This test is also an aid in the management of prostate cancer patients and in detecting metastatic or persistent disease in patients following treatment.

HCPCS Codes (Alphanumeric, CPT® AMA)

Code	Description
84153	Prostate Specific Antigen (PSA), total

ICD-10-CM Codes Covered by Medicare Program

The ICD-10-CM codes in the table below can be viewed on CMS' website as part of Downloads: Lab Code List, at <http://www.cms.gov/Medicare/Coverage/CoverageGenInfo/LabNCDsICD10.html>

Code	Description
C61	Malignant neoplasm of prostate
C67.5	Malignant neoplasm of bladder neck
C77.4	Secondary and unspecified malignant neoplasm of inguinal and lower limb lymph nodes
C77.5	Secondary and unspecified malignant neoplasm of intrapelvic lymph nodes
C77.8	Secondary and unspecified malignant neoplasm of lymph nodes of multiple regions
C79.51	Secondary malignant neoplasm of bone
C79.52	Secondary malignant neoplasm of bone marrow
C79.82	Secondary malignant neoplasm of genital organs
D07.5	Carcinoma in situ of prostate
D40.0	Neoplasm of uncertain behavior of prostate
D49.511	Neoplasm of unspecified behavior of right kidney
D49.512	Neoplasm of unspecified behavior of left kidney

Code	Description
D49.519	Neoplasm of unspecified behavior of unspecified kidney
D49.59	Neoplasm of unspecified behavior of other genitourinary organ
M33.03	Juvenile dermatomyositis without myopathy
M33.13	Other dermatomyositis without myopathy
M33.93	Dermatopolymyositis, unspecified without myopathy
N13.9	Obstructive and reflux uropathy, unspecified
N32.0	Bladder-neck obstruction
N40.0	Benign prostatic hyperplasia without lower urinary tract symptoms
N40.1	Benign prostatic hyperplasia with lower urinary tract symptoms
N40.2	Nodular prostate without lower urinary tract symptoms
N40.3	Nodular prostate with lower urinary tract symptoms
N41.9	Inflammatory disease of prostate, unspecified
N42.9	Disorder of prostate, unspecified
R31.0	Gross hematuria
R31.1	Benign essential microscopic hematuria
R31.21	Asymptomatic microscopic hematuria
R31.29	Other microscopic hematuria
R31.9	Hematuria, unspecified
R32	Unspecified urinary incontinence
R33.9	Retention of urine, unspecified
R35.0	Frequency of micturition
R35.1	Nocturia
R39.11	Hesitancy of micturition
R39.12	Poor urinary stream
R39.14	Feeling of incomplete bladder emptying
R39.15	Urgency of urination
R39.16	Straining to void
R93.5	Abnormal findings on diagnostic imaging of other abdominal regions, including retroperitoneum
R93.6	Abnormal findings on diagnostic imaging of limbs
R93.7	Abnormal findings on diagnostic imaging of other parts of musculoskeletal system
R94.8	Abnormal results of function studies of other organs and systems
R97.20	Elevated prostate specific antigen [PSA]
R97.21	Rising PSA following treatment for malignant neoplasm of prostate
Z85.46	Personal history of malignant neoplasm of prostate

Indications

PSA is of proven value in differentiating benign from malignant disease in men with lower urinary tract signs & symptoms (e.g., hematuria, slow urine stream, hesitancy, urgency, frequency, nocturia & incontinence) as well as with patients with palpably abnormal prostate glands on physician exam, and in patients with other laboratory or imaging studies that suggest the possibility of a malignant prostate disorder. PSA is also a marker used to follow the progress of prostate cancer once a diagnosis has been established, such as detecting metastatic or persistent disease in patients who may require additional treatment. PSA testing may also be useful in the differential diagnosis of men presenting with as yet undiagnosed disseminated metastatic disease.

Limitations

Generally, for patients with lower urinary tract signs or symptoms, the test is performed only once per year unless there is a change in the patient's medical condition.

Testing with a diagnosis of in situ carcinoma is not reasonably done more frequently than once, unless the result is abnormal, in which case the test may be repeated once.

ICD-10-CM Codes That Do Not Support Medical Necessity

Any ICD-10-CM code not listed in either of the ICD-10-CM covered or non-covered sections.

Sources of Information

Laboratory Test Handbook, 3rd edition, pp.338-340.

Cooner WH, Mosley BR, Rutherford CL, et al. Prostate Cancer Detection in a Clinical Urological Practice by Ultrasonography, Digital Rectal Examination and Prostate Specific Antigen. J.Urol.1990; 143: 1146-1154.