**Positron Emission Tomography (PET) Scans Coverage**

**CPT CODE:**
- **78459** Myocardial Imaging, Positron Emission Tomography (PET), Metabolic Evaluation
- **78491** Myocardial Imaging, Positron Emission Tomography (PET), Perfusion; single study at rest or stress
- **78492** Myocardial Imaging, Positron Emission Tomography (PET), Perfusion; multiple studies at rest and/or stress
- **78608** Brain Imaging, Positron Emission Tomography (PET); Metabolic Evaluation
- **78811** Positron Emission Tomography (PET); Limited Area (e.g., chest, head/neck)
- **78812** Positron Emission Tomography (PET); Skull Base to Mid-Thigh
- **78813** Positron Emission Tomography (PET); Whole Body
- **78814** Positron Emission Tomography (PET) With Concurrently Acquired Computed Tomography (CT) for Attenuation Correction and Anatomical Localization Imaging; Limited Area (e.g., chest, head/neck)
- **78815** Positron Emission Tomography (PET) With Concurrently Acquired Computed Tomography (CT) for Attenuation Correction and Anatomical Localization Imaging; Skull Base to Mid-Thigh
- **78816** Positron Emission Tomography (PET) With Concurrently Acquired Computed Tomography (CT) for Attenuation Correction and Anatomical Localization Imaging; Whole Body

**Informational Modifiers:**
- **Q0** – Investigational clinical trial service provided in a clinical research study that is in an approved clinical research study.
- **PI** – PET or PET/Computed Tomography (CT) to inform the initial treatment strategy of tumors that are biopsy proven or strongly suspected of being cancerous based on other diagnostic testing.
- **PS** – PET or PET/CT to inform the subsequent treatment strategy of cancerous tumors when the beneficiary’s treatment physician determines that the PET study is needed to inform subsequent anti-tumor strategy.

**Indications for use:**
Positron Emission Tomography (PET) is a diagnostic imaging procedure used to evaluate metabolism in normal tissue as well as in diseased tissues in conditions such as cancer, ischemic heart disease, and some neurologic disorders.

**CRITERIA:**
The patient’s medical record should support the medical necessity of the service and should be available upon request to North Dakota Medicaid.
COVERED DIAGNOSIS:

These are the only covered ICD-9-CM codes for CPT code 78459, 78491, and 78492:

- 402.01 Malignant hypertensive heart disease with heart failure
- 402.11 Benign hypertensive heart disease with heart failure
- 402.91 Unspecified hypertension heart disease with heart failure
- 404.01 Malignant hypertensive heart and chronic kidney disease, with heart failure and with chronic kidney disease stage I through stage IV, or unspecified
- 404.03 Malignant hypertensive heart and chronic kidney disease, with heart failure and chronic kidney disease stage V or end stage renal disease
- 404.11 Benign hypertensive heart and chronic kidney disease, with heart failure and with chronic kidney disease stage I through stage IV, or unspecified
- 404.13 Benign hypertensive heart and chronic kidney disease, with heart failure and with chronic kidney disease stage V or end stage renal disease
- 404.91 Unspecified hypertensive heart and chronic kidney disease, with heart failure and chronic kidney disease stage I through stage IV, or unspecified
- 404.93 Unspecified hypertensive heart and chronic kidney disease, with heart failure and chronic kidney disease stage IV or end stage renal disease
- 410.00-414.9 Acute myocardial infarction, other acute and subacute forms of ischemic heart disease, old myocardial infarction, angina pectoris and other forms of chronic ischemic heart disease
- 426.3 Other left bundle branch block
- 428.0 Congestive heart failure, unspecified
- 428.1 Left heart failure
- 428.20-428.23 Systolic heart failure
- 428.30-428.33 Diastolic heart failure
- 428.40-428.43 Combined systolic and diastolic heart failure
- 428.9 Heart failure, unspecified

These are the only covered ICD-9-CM codes for CPT code 78608:

- 290.0 Senile dementia, uncomplicated
- 290.10-290.13 Presenile dementia
- 290.20-290.21 Senile dementia with delusional or depressive features
- 290.3 Senile dementia with delirium
- 331.0 Alzheimer’s disease
- 331.11 Pick’s disease
- 331.19 Other frontotemporal dementia
- 331.2 Senile degeneration of the brain
- 331.6 Corticobasal degeneration
- 331.9 Cerebral degeneration, unspecified
- 345.01 Generalized nonconvulsive epilepsy with intractable epilepsy
- 345.11 Generalized convulsive epilepsy with intractable epilepsy
- 345.2 Epilepsy and recurrent seizures, petit mal status
- 345.3 Epilepsy and recurrent seizures, grand mal status
- 345.41 Localization-related (focal) (partial) epilepsy and epileptic syndromes with complex partial seizures, with intractable epilepsy
- 345.51 Localization-related (focal) (partial) epilepsy and epileptic syndromes with simple partial seizures, with intractable epilepsy
- 345.61 Infantile spasms, with intractable epilepsy
- 345.71 Epilepsia partialis continua, with intractable epilepsy
- 345.81 Other forms of epilepsy and recurrent seizures, with intractable epilepsy
- 345.91 Epilepsy, unspecified, with intractable epilepsy
- 780.93 Memory loss
For CPT codes 78811, 78812, 78813, 78814, 78815, or 78816 must have one of the following ICD-9-CM codes:

140.0-140.9 Malignant neoplasm of lip
141.0-141.9 Malignant neoplasm of tongue
142.0-142.9 Malignant neoplasm of major salivary glands
143.0-143.9 Malignant neoplasm of gum
144.0-144.9 Malignant neoplasm of floor of mouth
145.0-145.9 Malignant neoplasm of other and unspecified parts of mouth
146.0-146.9 Malignant neoplasm of oropharynx
147.0-147.9 Malignant neoplasm of nasopharynx
148.0-148.9 Malignant neoplasm of hypopharynx
149.0-149.9 Malignant neoplasm of other ill-defined sites within the lip, oral cavity, and pharynx
150.0-150.9 Malignant neoplasm of esophagus
153.0-153.9 Malignant neoplasm of colon
154.0 Malignant neoplasm of rectosigmoid junction
154.1 Malignant neoplasm of rectum
154.8 Malignant neoplasm of rectum, rectosigmoid junction, and anus; other
160.0-160.9 Malignant neoplasm of nasal cavities, middle ear, and accessory sinuses
161.0-161.9 Malignant neoplasm of larynx
162.0-162.9 Malignant neoplasm of trachea, bronchus, and lung
170.0-170.1 Malignant neoplasm of bones of skull and face except mandible-malignant neoplasm of mandible
170.0-172.9 Malignant melanoma of skin
173.00 Unspecified malignant neoplasm of skin of lip
173.02 Squamous cell carcinoma of skin of lip
173.09 Other specified malignant neoplasm of skin of lip
173.10 Unspecified malignant neoplasm of eyelid, including canthus
173.12 Squamous cell carcinoma of eyelid, including canthus
173.19 Other specified malignant neoplasm of eyelid, including canthus
173.20 Unspecified malignant neoplasm of skin of ear and external auditory canal
173.22 Squamous cell carcinoma of skin of ear and external auditory canal
173.29 Other specified malignant neoplasm of skin of ear and external auditory canal
173.30 Unspecified malignant neoplasm of skin of other and unspecified parts of face
173.32 Squamous cell carcinoma of skin of other and other unspecified parts of face
173.39 Other specified malignant neoplasm of skin of other and unspecified parts of face
173.40 Unspecified malignant neoplasm of scalp and skin of neck
173.42 Squamous cell carcinoma of scalp and skin of neck
173.49 Other specified malignant neoplasm of scalp and skin of neck
174.0-174.9 Malignant neoplasm of female breast
175.0-175.9 Malignant neoplasm of male breast
180.0-180.9 Malignant neoplasm of cervix uteri
183.0 Malignant neoplasm of ovary
193 Malignant neoplasm of thyroid
194.5 Malignant neoplasm of carotid body
195.0 Malignant neoplasm of other and ill-defined sites; head, face and neck
200.00-200.08 Reticulosarcoma
200.10-200.18 Lymphosarcoma
200.20-200.28 Burkitt’s tumor or lymphoma
200.30-200.38 Marginal zone lymphoma
200.40-200.48 Mantle cell lymphoma
200.50-200.58 Primary central nervous system lymphoma
200.60-200.68 Anaplastic large cell lymphoma
200.70-200.78 Large cell lymphoma
200.80-200.88 Lymphosarcoma and reticulosarcoma and other specified malignant tumors of lymphatic system, other named variants

201.00-201.08 Hodgkin’s paragranuloma
201.10-201.18 Hodgkin’s granuloma
201.20-201.28 Hodgkin’s sarcoma
201.40-201.48 Hodgkin’s Disease; lymphocytic-histiocytic predominance
201.50-201.58 Hodgkin’s Disease; nodular sclerosis
201.60-201.68 Hodgkin’s Disease; mixed cellularity
201.70-201.78 Hodgkin’s Disease; lymphocytic depletion
201.90-201.98 Hodgkin’s Disease, unspecified
202.00-202.08 Nodular lymphoma
202.10-202.18 Mycosis fungoides
202.20-202.28 Sezary’s disease
202.30-202.38 Malignant histiocytosis
202.40-202.48 Leukemic reticuloendotheliosis
202.50-202.58 Letterer-Siwe Disease
202.60-202.68 Malignant mast cell tumors
202.70-202.78 Peripheral T-cell lymphoma
202.80-202.88 Other lymphomas
202.90-202.98 Other and unspecified malignant neoplasms of lymphoid and histiocytic tissue
203.00-203.02 Multiple myeloma
793.0 Nonspecific (abnormal) findings on radiological and other examinations of skull and head; solitary pulmonary nodule
793.11 Nonspecific (abnormal) findings on radiological and other examination of lung field; other nonspecific abnormal finding of lung field
793.19 Nonspecific (abnormal) findings on radiological and other examination of lung field; other nonspecific abnormal finding of lung field
793.2 Nonspecific (abnormal) findings on radiological and other examination of body structure; other intrathoracic organ
793.3 Nonspecific (abnormal) findings on radiological and other examination of body structure; biliary tract
793.4 Nonspecific (abnormal) findings on radiological and other examinations of gastrointestinal tract
793.5 Nonspecific (abnormal) findings on radiological and other examination of body structure; genitourinary organs
793.6 Nonspecific (abnormal) findings on radiological and other examination of body structure; abdominal area; including retroperitoneum
793.7 Nonspecific (abnormal) findings on radiological and other examinations of musculoskeletal system
793.80 Nonspecific (abnormal) findings on radiological and other examinations of breast; abnormal mammogram, unspecified
793.81 Nonspecific (abnormal) findings on radiological and other examinations of breast; mammographic microcalcification
793.82 Nonspecific (abnormal) findings on radiological and other examinations of breast; inconclusive mammogram
793.89 Other (abnormal) findings on radiological examinations of breast
793.91 Image test inconclusive due to excess body fat
793.99 Other nonspecific (abnormal) findings on radiological and other examinations of body structure
794.00 Abnormal function study of brain and central nervous system, unspecified
794.01 Abnormal echoencephalogram
794.02 Abnormal electroencephalogram
794.09 Other nonspecific abnormal results of brain and central nervous system function studies
794.2 Nonspecific abnormal results of pulmonary function studies
794.4 Nonspecific abnormal results of kidney function studies
794.5  Nonspecific abnormal results of thyroid function studies
794.6  Nonspecific abnormal results of other endocrine function study
794.8  Nonspecific abnormal results of liver function studies
794.9  Nonspecific abnormal results of other function studies
V10.01  Personal history of malignant neoplasm of the tongue
V10.02  Personal history of malignant neoplasm of other and unspecified oral cavity and pharynx
V10.03  Personal history of malignant neoplasm, esophagus
V10.05  Personal history of malignant neoplasm, large intestine
V10.06  Personal history of malignant neoplasm, rectum, rectosigmoid junction and anus
V10.11  Personal history of malignant neoplasm, bronchus and lung
V10.12  Personal history of malignant neoplasm of trachea
V10.20  Personal history of malignant neoplasm of respiratory organ, unspecified
V10.21-V10.22  Personal history of malignant neoplasm, larynx, nasal cavities, middle ear and accessory sinuses
V10.3  Personal history of malignant neoplasm, breast
V10.43  Personal history of malignant neoplasm, ovary
V10.71  Personal history of other lymphatic and hematopoietic neoplasms, lymphosarcoma and reticulosarcoma
V10.72  Personal history of other lymphatic and hematopoietic neoplasms, Hodgkin’s Disease
V10.79  Personal history of other lymphatic and hematopoietic neoplasms
V10.81  Personal history of malignant neoplasm of bone
V10.82  Personal history of malignant melanoma of skin
V10.83  Personal history of other malignant neoplasm of skin
V10.87  Personal history of malignant neoplasm of thyroid

For CPT codes 78608, 78811, 78812, 78813, 78814, 78815, or 78816 must have one of the following ICD-9-CM codes:

151.0-151.9  Malignant neoplasm of stomach
152.0-152.9  Malignant neoplasm of small intestine, including duodenum
154.2  Malignant neoplasm of anal canal
154.3  Malignant neoplasm of anus, unspecified
155.0-155.2  Malignant neoplasm of liver and intrahepatic bile ducts
156.0-156.9  Malignant neoplasm of gallbladder and extrahepatic bile ducts
157.0-157.9  Malignant neoplasm of pancreas
158.0-158.9  Malignant neoplasm of retroperitoneum and peritoneum
159.0-159.9  Malignant neoplasm of other and ill-defined sites within the digestive organs and peritoneum
163.0-163.9  Malignant neoplasm of pleura
164.0-164.9  Malignant neoplasm of thymus, heart, and mediastinum
165.0-165.9  Malignant neoplasm of other and ill-defined sites within the respiratory system and intrathoracic organs
170.2-170.9  Malignant neoplasm of vertebral column, excluding sacrum and coccyx, ribs, sternum, and clavicle, scapula and long bones of upper limb, short bones of upper limb, pelvic bones, sacrum and coccyx, long bones of lower limb, short bones of lower limb and malignant neoplasm of bone and articular cartilage, site unspecified
171.2-171.9  Malignant neoplasm of connective and other soft tissue; upper limb, including shoulder, lower limb, including hip, thorax, abdomen, pelvis, trunk, unspecified, other specified sites of connective and other soft tissue and other connective and other soft tissue, site unspecified
173.50  Unspecified malignant neoplasm of skin of trunk, except scrotum
173.52  Squamous cell carcinoma of skin of trunk, except scrotum
173.59  Other specified malignant neoplasm of skin of trunk, except scrotum
173.60  Unspecified malignant neoplasm of skin of upper limb, including shoulder
<table>
<thead>
<tr>
<th>Code</th>
<th>Description</th>
</tr>
</thead>
<tbody>
<tr>
<td>173.62</td>
<td>Squamous cell carcinoma of skin of upper limb, including shoulder</td>
</tr>
<tr>
<td>173.69</td>
<td>Other specified malignant neoplasm of skin of upper limb, including shoulder</td>
</tr>
<tr>
<td>173.70</td>
<td>Unspecified malignant neoplasm of skin of lower limb, including hip</td>
</tr>
<tr>
<td>173.72</td>
<td>Squamous cell carcinoma of skin of lower limb, including hip</td>
</tr>
<tr>
<td>173.79</td>
<td>Other specified malignant neoplasm of skin of lower limb, including hip</td>
</tr>
<tr>
<td>173.80</td>
<td>Unspecified malignant neoplasm of other specified sites of skin</td>
</tr>
<tr>
<td>173.82</td>
<td>Squamous cell carcinoma of other specified sites of skin</td>
</tr>
<tr>
<td>173.89</td>
<td>Other specified malignant neoplasm of other specified sites of skin</td>
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<tr>
<td>173.90</td>
<td>Unspecified malignant neoplasm of skin, site unspecified</td>
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<td>173.92</td>
<td>Squamous cell carcinoma of skin, site unspecified</td>
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<td>173.99</td>
<td>Other specified malignant neoplasm of skin, site unspecified</td>
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<tr>
<td>176.0-176.9</td>
<td>Kaposi’s sarcoma</td>
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<td>179</td>
<td>Malignant neoplasm of uterus, part unspecified</td>
</tr>
<tr>
<td>181</td>
<td>Malignant neoplasm of placenta</td>
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<tr>
<td>182.0-182.8</td>
<td>Malignant neoplasm of body of uterus</td>
</tr>
<tr>
<td>183.2-183.9</td>
<td>Malignant neoplasm of fallopian tube, broad ligament, parametrium, round ligament, and other specified sites of uterine adnexa</td>
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<tr>
<td>184.0-184.9</td>
<td>Malignant neoplasm of other and unspecified female genital organs</td>
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<tr>
<td>186.0-186.9</td>
<td>Malignant neoplasm of testis</td>
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<tr>
<td>187.1-187.9</td>
<td>Malignant neoplasm of penis and other male genital organs</td>
</tr>
<tr>
<td>188.0-188.9</td>
<td>Malignant neoplasm of bladder</td>
</tr>
<tr>
<td>189.0-189.9</td>
<td>Malignant neoplasm of kidney and other unspecified urinary organs</td>
</tr>
<tr>
<td>190.0-190.9</td>
<td>Malignant neoplasm of eye</td>
</tr>
<tr>
<td>191.0-191.9</td>
<td>Malignant neoplasm of brain</td>
</tr>
<tr>
<td>192.0-192.9</td>
<td>Malignant neoplasm of other and unspecified parts of nervous system</td>
</tr>
<tr>
<td>194.0</td>
<td>Malignant neoplasm of adrenal gland</td>
</tr>
<tr>
<td>194.1</td>
<td>Malignant neoplasm of parathyroid gland</td>
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<tr>
<td>194.3</td>
<td>Malignant neoplasm of pituitary gland and craniopharyngeal duct</td>
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<td>194.4</td>
<td>Malignant neoplasm of pineal gland</td>
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<tr>
<td>194.6</td>
<td>Malignant neoplasm of aortic body and other paraganglia</td>
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<tr>
<td>194.8</td>
<td>Malignant neoplasm of other endocrine glands and related structures, other</td>
</tr>
<tr>
<td>194.9</td>
<td>Malignant neoplasm of endocrine gland, site unspecified</td>
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<tr>
<td>195.1</td>
<td>Malignant neoplasm of other and ill-defined sites; thorax</td>
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<tr>
<td>195.2</td>
<td>Malignant neoplasm of other and ill-defined sites; abdomen</td>
</tr>
<tr>
<td>195.3</td>
<td>Malignant neoplasm of other and ill-defined sites; pelvis</td>
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<tr>
<td>195.4</td>
<td>Malignant neoplasm of other and ill-defined sites; upper limb</td>
</tr>
<tr>
<td>195.5</td>
<td>Malignant neoplasm of other and ill-defined sites; lower limb</td>
</tr>
<tr>
<td>196.0-196.9</td>
<td>Secondary and unspecified malignant neoplasm of lymph nodes</td>
</tr>
<tr>
<td>197.0-197.8</td>
<td>Secondary malignant neoplasm of respiratory and digestive systems</td>
</tr>
<tr>
<td>198.0-198.89</td>
<td>Secondary malignant neoplasm of other specified sites</td>
</tr>
<tr>
<td>199.0</td>
<td>Malignant neoplasm without specification of site; disseminated</td>
</tr>
<tr>
<td>199.1</td>
<td>Malignant neoplasm without specification of site; other</td>
</tr>
<tr>
<td>199.2</td>
<td>Malignant neoplasm associated with transplanted organ</td>
</tr>
<tr>
<td>200.00-209.03</td>
<td>Malignant carcinoid tumors of the small intestine</td>
</tr>
<tr>
<td>209.10-209.17</td>
<td>Malignant carcinoid tumors of the appendix, large intestine, and rectum</td>
</tr>
<tr>
<td>209.20-209.29</td>
<td>Malignant carcinoid tumors of other and unspecified sites</td>
</tr>
<tr>
<td>209.30-209.36</td>
<td>Malignant poorly differentiated neuroendocrine tumors</td>
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<tr>
<td>209.40-209.43</td>
<td>Benign carcinoid tumors of the small intestine</td>
</tr>
<tr>
<td>209.50-209.57</td>
<td>Benign carcinoid tumors of the appendix, large intestine, and rectum</td>
</tr>
<tr>
<td>V10.00</td>
<td>Personal history of malignant neoplasm of the gastrointestinal tract, unspecified</td>
</tr>
<tr>
<td>V10.02</td>
<td>Personal history of malignant neoplasm of other and unspecified oral cavity and pharynx</td>
</tr>
<tr>
<td>V10.04</td>
<td>Personal history of malignant neoplasm of stomach</td>
</tr>
<tr>
<td>V10.07</td>
<td>Personal history of malignant neoplasm of liver</td>
</tr>
<tr>
<td>V10.09</td>
<td>Personal history of malignant neoplasm of gastrointestinal tract, other</td>
</tr>
</tbody>
</table>
V10.29 Personal history of malignant neoplasm other respiratory and intrathoracic organs, other
V10.40 Personal history of malignant neoplasm of the female genital organ, unspecified
V10.42 Personal history of malignant neoplasm of other parts of uterus
V10.44 Personal history of malignant neoplasm of other female genital organs
V10.45 Personal history of malignant neoplasm of male genital organs, unspecified
V10.47 Personal history of malignant neoplasm of testis
V10.48 Personal history of malignant neoplasm of epididymis
V10.49 Personal history of malignant neoplasm of other male genital organs
V10.50-V10.59 Personal history of malignant neoplasm of urinary organs
V10.84 Personal history of malignant neoplasm of eye
V10.85 Personal history of malignant neoplasm of brain
V10.86 Personal history of malignant neoplasm of other parts of nervous system
V10.87 Personal history of malignant neoplasm of thyroid
V10.88 Personal history of malignant neoplasm of other endocrine glands and related structures
V10.89 Personal history of malignant neoplasm of other sites, other

For CPT codes 78811, 78812, 78813, 78814, 78815, or 78816 must have one of the following ICD-9-CM codes:

203.10-203.12 Plasma cell leukemia
203.80-203.82 Other immunoproliferative neoplasms
204.00-204.02 Acute lymphoid leukemia
204.10-204.12 Chronic lymphoid leukemia
204.20-204.22 Subacute lymphoid leukemia
204.80-204.82 Other lymphoid leukemia
204.90-204.92 Unspecified lymphoid leukemia
205.00-205.02 Acute myeloid leukemia
205.10-205.12 Chronic myeloid leukemia
205.20-205.22 Subacute myeloid leukemia
205.30-205.32 Myeloid sarcoma
205.80-205.82 Other myeloid leukemia
205.90-205.92 Unspecified myeloid leukemia
206.00-206.02 Acute monocytic leukemia
206.10-206.12 Chronic monocytic leukemia
206.20-206.22 Subacute monocytic leukemia
206.80-206.82 Other monocytic leukemia
206.90-206.92 Unspecified monocytic leukemia
207.00-207.02 Acute erythremia and erythroleukemia
207.10-207.12 Chronic erythremia
207.20-207.22 Megakaryocytic leukemia
207.80-207.82 Other specified leukemia
208.00-208.02 Acute leukemia of unspecified cell type
208.10-208.12 Chronic leukemia of unspecified cell type
208.20-208.22 Subacute leukemia of unspecified cell type
208.80-208.82 Other leukemia of unspecified cell type
208.90-208.92 Unspecified leukemia
209.60-209.69 Benign carcinoid tumors of other and unspecified sites
238.9 Neoplasm of uncertain behavior of other and unspecified site and tissue; site unspecified
V10.60-V10.69 Personal history of leukemia

For CPT codes 78608, 78811, 78812, 78813, 78814, 78815, or 78816 must have one of the following ICD-9-CM codes:

210.0-210.9 Benign neoplasm of lip, oral cavity, and pharynx
211.0-211.9 Benign neoplasm of other parts of the digestive system
212.0-212.9 Benign neoplasm of respiratory and intrathoracic organs
213.0-213.9 Benign neoplasm of bone and articular cartilage
215.0-215.9 Other benign neoplasm of connective and other soft tissue
216.0-216.9 Benign neoplasm of skin
217 Benign neoplasm of breast
218.0-218.9 Uterine leiomyoma
219.0-219.9 Other benign neoplasm of uterus
220 Benign neoplasm of ovary
221.0-221.9 Benign neoplasm of other female genital organs
222.0-222.9 Benign neoplasm of male genital organs
223.0-223.9 Benign neoplasm of kidney and other urinary organs
224.0-224.9 Benign neoplasm of eye
225.0-225.9 Benign neoplasm of brain and other parts of nervous system
226 Benign neoplasm of thyroid glands
227.0-227.9 Benign neoplasm of other endocrine glands and related structures
228.00-228.09 Hemangioma, any site
228.1 Lymphangioma, any site
229.0-229.9 Benign neoplasm of other and unspecified sites
235.0-235.9 Neoplasm of uncertain behavior of digestive and respiratory systems
236.0-236.7 Neoplasm of uncertain behavior of genitourinary organs
236.90-236.99 Neoplasm of uncertain behavior of other and unspecified urinary organs
237.0-237.6 Neoplasm of uncertain behavior of endocrine glands and nervous system
237.70-237.72 Neurofibromatosis
237.73 Schwannomatosis
237.79 Other neurofibromatosis
237.9 Neoplasm of uncertain behavior of other and unspecified parts of the nervous system
238.0 Neoplasm of uncertain behavior of bone and articular cartilage
238.1 Neoplasm of uncertain behavior of connective tissue and other soft tissue
238.2 Neoplasm of uncertain behavior of skin
238.3 Neoplasm of uncertain behavior of breast
238.8 Neoplasm of uncertain behavior of other specified parts
239.0-239.9 Neoplasms of unspecified nature
518.89* Other diseases of lung, not elsewhere classified

**NOTE:** These codes may be used when, at the time of billing, documentation supports concern for possible malignancy and the final interpretation of the PET indicates benign tumor.

**NOTE:** Code 518.89 should be used only to describe non-specific findings following a PET scan initiated by the presence of a solitary pulmonary nodule.

For CPT codes 78811, 78812, 78813, 78814, 78815, or 78816 must have one of the following ICD-9-CM codes:

238.4 Neoplasm of uncertain behavior polycythemia vera
238.5 Neoplasm of uncertain behavior histiocytic and mast cells
238.6 Neoplasm of uncertain behavior plasma cells
238.71-238.79 Neoplasm of uncertain behavior of other lymphatic and hematopoietic tissues

For CPT codes 78811, 78812, 78813, 78814, 78815, or 78816 must have the following ICD-9-CM code:

185 Malignant neoplasm of prostate

**Note:** Compliance with this policy may be subject to pre and post payment data analysis and medical review.