

Positron Emission Tomography (PET) – Clinical Conditions & Codes*

*This list contains HCPCS, CPT® & ICD-9 codes often used by providers and covered by payers for PET imaging. It is provided as a guide and is not to be considered all inclusive. Codes listed are for full and partial ring as well as PET/CT equipment, no code information is provided for gamma cameras. Please refer to each health plan's specific coverage guidelines and criteria. Listing on this SNM educational material does not guarantee payment.

Clinical Conditions	Billing Codes - Medicare and/or Private Payer	ICD 9 CM CODES
Lung Cancer (SPN)	PET imaging regional or whole body; single pulmonary nodule 78811, 78812, 78813, 78814, 78815, 78816	235.7 518.89 786.6 793.1 <u>V71.1 (observation of suspected malignant neoplasm)</u>
Lung Cancer (non-small cell)	Diagnosis; lung cancer, non-small cell Initial staging; lung cancer, non-small cell Restaging; lung cancer, non-small cell 78811, 78812, 78813, 78814, 78815, 78816	162.2 – 162.5 162.8 – 162.9 196.1 <u>V71.1 (observation of suspected malignant neoplasm)</u>
Esophageal Cancer	Diagnosis; esophageal cancer Initial staging; esophageal cancer Restaging; esophageal cancer 78811, 78812, 78813, 78814, 78815, 78816	150.0 – 150.5 150.8 – 150.9 <u>V71.1 (observation of suspected malignant neoplasm)</u>
Colorectal Cancer	Diagnosis; colorectal cancer Initial staging; colorectal cancer Restaging; colorectal cancer 78811, 78812, 78813, 78814, 78815, 78816	153.0 – 153.9 154.0 – 154.3 154.8 197.5 <u>V71.1 (observation of suspected malignant neoplasm)</u>
Lymphoma	Diagnosis; lymphoma Initial staging; lymphoma Restaging; lymphoma 78811, 78812, 78813, 78814, 78815, 78816	200.00 – 200.08 200.10 – 200.18 200.20 – 200.28 200.80 – 200.88 201.00 – 201.08 201.10 – 201.18 201.20 – 201.28 201.40 – 201.48 201.50 – 201.58 201.60 – 201.68 201.70 – 201.78 201.90 – 201.98 202.00 – 202.08 202.10 – 202.18 202.20 – 202.28 202.30 – 202.38 202.40 – 202.48 202.50 – 202.58 202.60 – 202.68 202.80 – 202.89 202.90 – 202.98 204.8 – 204.9
Thyroid Cancer	Restaging; Recurrent or residual thyroid cancer (follicular cell origin; serum thyroglobulin > 10 ng/ml; neg I-131 scan) 78812, 78813, 78815, 78816	193

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Melanoma	Diagnosis; melanoma Initial staging; melanoma Restaging; melanoma 78811, 78812, 78813, 78814, 78815, 78816 <u>G0219 melanoma for non-covered indications</u>	172.0 – 172.9 154.5 – 154.3 172.0 – 172.9 184.0 – 184.4 184.8 – 184.9 187.1 – 187.9 190.0 – 190.9 197.7 <u>V10.82 (Personal history of malignant neoplasm of other sites; malignant melanoma of skin)</u>
Head and Neck Cancers (excluding CNS and thyroid)	Diagnosis; head and neck cancer Initial staging; head and neck cancer Restaging; head and neck cancer 78811, 78812, 78813, 78814, 78815, 78816	140.0 – 140.1 140.3 – 140.6 140.8 – 140.9 141.0 – 141.6 141.8 – 141.9 142.0 – 142.2 142.8 – 142.9 143.0 – 143.1 143.8 – 143.9 144.0 – 144.1 144.8 – 144.9 145.0 – 145.6 145.8 – 145.9 146.0 – 146.9 147.0 – 147.3 147.8 – 147.9 148.0 – 148.3 148.8 – 148.9 149.0 – 149.1 149.8 – 149.9 160.0 – 160.5 160.8 – 160.9 161.0 – 161.3 161.8 – 161.9 162.0 170.0 – 170.1 171.0 173.0 – 173.4 190.0 – 190.9 194.1 194.3 – 194.5 195.0 <u>V71.1 (observation of suspected malignant neoplasm)</u>
Breast Cancer	Staging distant metastasis; Restaging local regional recurrence or metastasis Evaluation of response to treatment 78811, 78812, 78813, 78814, 78815, 78816 <u>G0252 Initial diagnosis of breast cancer and/or surgical planning for breast cancer – not covered by Medicare</u>	174.0-174.9 175.0 175.9 195.0 – 195.5 195.8 196.0 – 196.3 196.5 – 196.6 196.8 – 196.9 197.0 – 197.8 198.0 – 198.7 198.81 – 198.82 198.89 199.9 – 199.01

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Myocardial Viability	Metabolic assessment for myocardial viability following inconclusive SPECT 78459 Myocardial imaging , positron emission tomography (PET), metabolic evaluation [used for initial staging, inconclusive SPECT not required to use this code]	411.1 411.81 411.89 413.0 – 413.1 413.9 414.00 – 414.05 414.8 424.1 425.0 – 425.5 427.1 427.31 – 427.32 427.41 – 427.42 427.69 428.0 – 428.1 429.2 780.2 786.02 786.09 786.50- 786.51 794.31
Refractory Seizures	Metabolic brain imaging for pre-surgical evaluation of refractory seizures 78608	345.01 345.11 345.2 345.3 345.41 345.51 345.61 345.71 345.81 345.91
Differential Diagnosis of fronto-temporal dementia (FTD) and Alzheimer's disease	PET imaging brain Alzheimer's 78608	780.93 290.0 290.10 – 290.13 290.20 – 290.21 290.3 290.40 – 290.43 294.9 331.0 331.19

*Effective January 1, 2005 CPT® Codes

78811	PET imaging; limited area (e.g. chest, head/neck)
78812	PET imaging; skull base to mid-thigh
78813	PET imaging; whole body
78814	PET imaging; with concurrently acquired CT for attenuation correction and anatomical localization; limited are (e.g. chest, head/neck)
78815	PET imaging; with concurrently acquired CT for attenuation correction and anatomical localization; skull base to mid-thigh
78816	PET imaging; with concurrently acquired CT for attenuation correction and anatomical localization; whole body

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