

# Medicare PET Reimbursement Guide (Neurology)

## Neurology

### Covered HCPCS, CPT and Radiopharmaceutical Codes:

#### PET or PET/CT

**78608** Brain imaging, positron emission tomography (PET); metabolic evaluation

#### Radiopharmaceutical Code

A9552 F-18 FDG Fluorodeoxyglucose, Diagnostic, Per Study, Up To 45 mCi\*

### Covered Indications: Neurology

#### Fronto-Temporal Dementia & Alzheimer's Disease (78608)

FDG-PET Imaging is reasonable and necessary in patients with:

- Documented cognitive decline of at least six months
- Recently established diagnosis of dementia who:
  1. Meet diagnostic criteria for both Alzheimer's Disease (AD) and Fronto-Temporal Dementia (FTD)
  2. Have been evaluated for specific alternate neurodegenerative diseases or causative factors
  3. Cause of the clinical symptoms remains uncertain

*Please refer to separate coverage criteria guide for specific conditions needed for reimbursement.*

#### Refractory Seizures (78608)

Covered for pre-surgical evaluation only for the localization of seizure focus

\*mCi - millicuries

Pub 100-03 Medicare National Coverage Determinations Manual Internet Only Manual (IOM) Chapter 1, Part 4, Section 220.6 PET Scans; [http://www.cms.hhs.gov/manuals/downloads/ncd103c1\\_Part4.pdf](http://www.cms.hhs.gov/manuals/downloads/ncd103c1_Part4.pdf)

Medicare Coverage Database - National & Local Coverage Policies: <http://www.cms.hhs.gov/mcd/search.asp>



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# Medicare PET Reimbursement Guide (Cardiology)

## Cardiology

### Covered HCPCS, CPT and Radiopharmaceutical Codes:

#### Myocardial Viability

Primary or initial diagnosis or following inconclusive SPECT prior to revascularization

**78459** Myocardial imaging, positron emission tomography (PET), metabolic evaluation

**A9552** F-18 FDG Fluorodeoxyglucose, Diagnostic, Per Study Dose, up to 45 mCi\*

#### Myocardial Perfusion

Covered for non-invasive imaging of the perfusion of the heart

**78491** Myocardial imaging, positron emission tomography (PET), perfusion; single study at rest or stress. In addition to: 93015 or 93016 or 93017 or 93018 (Depending on what is being performed by the physician)

or

**78492** Myocardial imaging, positron emission tomography (PET), perfusion; multiple studies at rest and/or stress. In addition to: 93015 or 93016 or 93017 or 93018 (Depending on what is being performed by the physician)

**Use the appropriate stress test code depending on if or what and who performed the complete or portions of the stress study from the selections below:**

**93015** Cardiovascular stress test using maximal or submaximal treadmill or bicycle exercise, continuous electrocardiographic monitoring, and/or pharmacological stress; tracing only; with physician supervision, with interpretation and report

**93016** Cardiovascular stress test ...; physician supervision only, without interpretation & report

**93017** Cardiovascular stress test ...; without interpretation and report

**93018** Cardiovascular stress test ...; interpretation and report only

**Use the appropriate radiopharmaceutical and pharmacological stress drug codes from the selections below:**

**A9555** Rb82 Rubidium, Diagnostic, Per Study, Up To 60 mCi's\*

**A9526** Nitrogen N-13 Ammonia, Diagnostic, Per Study Dose, Up To 40 mCi's\*

**J0152** Adenosine injection, per 30 mg, (Note: typical dose is 58 to 70 mg, therefore 2 to 3 units)

**J1245** Dipyridamole injection, per 10mg (Note: typical dose is 40 to 60 mg, therefore 4 to 6 units)

**J2785** Regadenoson injection, 0.1 mg (Note: typical dose is 0.4 mg, therefore translate to 4 units)



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