PET/CI

Oncology

» Evaluate response to treatment

with serial rising CEA

Disease

» Accurately identify the extent of Metastatic

» Evaluate for suspected recurrence in patients

» Detection of squamous cell carcinoma of

esophagus prior to surgical resection

BLADDER: CPT 78815

» Determine extent of local, regional and distant disease

BREAST: CPT 78815

- » Staging of internal Mammary Nodes
- » Exclude local recurrence of disease

CERVICAL: CPT 78815

» Staging of biopsy proven Cervical Cancer

COLORECTAL: CPT 78815

» Determine extent of regional and distant metastatsis

ESOPHAGEAL: CPT 78815

» Determine the extent of local, regional and distant metastasis for initial staging and restaging

HEAD AND NECK: CPT 78815

- » Determine extent of local, regional and distant » Assist in restaging post-surgical patients to determine recurrent/residual tumor disease
- » Detect recurrent/residual tumor following the completion of planned therapy

LUNG: CPT 78815

» Distinguish malignant from benign pulmonary » Detect recurrent/residual tumor following completion of a planned course of treatment nodules » Staging of regional and/or distant metastasis

LYMPHOMA: CPT 78815

» Determine extent of pretreatment disease » Determine extent of disease following completion of a planned course of treatment » Assess effectiveness of chemotherapy during the course of treatment

MELANOMA: CPT 78816

» Identify extent of distant disease spread in patients with high-risk melanoma or in suspected recurrence

MYELOMA: CPT 78815

» Determine extent of local, regional and distant » Detect recurrent/residual tumor following the disease completion of planned therapy

OVARIAN: CPT 78815

» Determine extent of local, regional and distant » Detect recurrent/residual tumor following the disease completion of planned therapy

PANCREAS: CPT 78815

» Determine extent of local, regional and distant disease

SMALL CELL LUNG: CPT 78815

» Determine extent of local, regional and distant disease

STOMACH: CPT 78815

» Determine extent of local, regional and distant disease

.

THYROID: CPT 78815

» Determine extent of local, regional and distant disease

PROSTATE: CPT 78815

- » Prostate is non covered for initial treatment strategy
- » Detect metastatic or locally recurrent disease in patients

» Detect metastatic or locally recurrent disease

ALL OTHER CANCERS NOT LISTED: CPT 78815

- » Determine extent of local, regional and distant disease
- » Determine recurrent/residual tumor following completion of a planned course of treatment

COMMON RADIATION TREATMENT PLANNING INDICATIONS

» Improve mapping of gross tumor volume for breast, head/neck and lung cancers

SODIUM FLUORIDE NaF18

» Determine extent of known or suspected metastatic osseous disease

Cardiology

MYOCARDIAL VIABILITY: CPT 78459

- » Determine the degree of viable myocardium prior » Aid in the pre-operative clinical evaluation of to revascularization
 - potential cardiac transplant cases

Neurology

DEMENTIA: CPT 78608

» Differentiate Alzheimer's disease from fronto-temporal dementia

In patients with documented cognitive decline of at least six months and a recently established diagnosis of dementia who meet diagnostic criteria for both Alzheimer's disease (AD) and fronto-temporal dementia (FTD), who have been evaluated for specific alternate neurodegenerative diseases or causative factors, and for whom the cause of the clinical symptoms remains uncertain.

Additional conditions MUST be met. Please contact your service provider

EPILEPSY

» Pre-surgical evaluation for the purpose of localization of a focus of refractory seizure activity.

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CMS Documents cited: AB-01-168, AB-02-026, AB-02-065, AB-03-092, A-03-076, CMS-1471-FC, Transmittal 156, 278 and 290, CAG#00088R, Transmittal 31, change request 3741.

To schedule a patient please call 603 537 1363 Fax: 603.537.1324

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