

# ACR-ACNM-ASNR-SNMMI Practice Parameter for the Performance of Brain PET/CT Imaging in Dementia.

**Title:** ACR-ACNM-ASNR-SNMMI Practice Parameter for the Performance of Brain PET/CT Imaging in Dementia.

**Publication year:** 2026

**Journal:** AJNR. American journal of neuroradiology

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**Society:** American College of Radiology

**Origin country:** United States

**Target countries:** United States

**DOI:** 10.3174/ajnr.A9105

**PMID:** 41506843

**Source:** <https://pubmed.ncbi.nlm.nih.gov/41506843/>

AJNR Am J Neuroradiol AJNR Am J Neuroradiol 3743 ajnr 8003708 AJNR AJNR: American Journal of Neuroradiology 0195-6108 1936-959X American Society of Neuroradiology PMC12867046 PMC12867046.1 12867046 12867046 41506843 10.3174/ajnr.A9105 25-12111 1 Health Policies/Quality Improvement/Evidence-Based Neuroimaging ACR–ACNM–ASNR–SNMMI Practice Parameter for the Performance of Brain PET/CT Imaging in Dementia Tu Raymond K. a Esposito Giuseppe b Agarwal Amit c Akin Esma A. d Catana Ciprian e Chiang Gloria C. f Colletti Patrick M. g Dhingra Jitesh h Kuo Phillip H. i Franceschi Ana M. j Peacock Justin G. k Thaker Ashesh l Shah Lubdha M. m Bartel Twyla n a From MedStar Medical Group Radiology, Department of Radiology (R.K.T.) b Medstar Georgetown University Hospital, Division of Nuclear Medicine Department of Radiology (G.E.) c MD Anderson Cancer Center, Department of Neuroradiology (A.A.) d The George Washington University Medical Center, Department of Radiology (E.A.A.) e Athinoula A. Martinos Center for Biomedical Imaging, Department of Radiology, Massachusetts General Hospital and Harvard Medical School (C.C) f Weill Cornell Medicine/NewYork-Presbyterian Department of Radiology, Division of Neuroradiology (G.C.C.) g Department of Radiology Keck School of Medicine of USC (P.M.C.) h Allegheny Health Network (J.D.) i City of Hope National Medical Center, Department of Radiology (P.H.K.) j Lenox Hill Hospital, Donald and Barbara Zucker School of Medicine at Hofstra/Northwell (A.M.F.) k Uniformed Services University of the Health Sciences, Department of Radiology and Bioengineering (J.G.P.) l Denver Health, Department of Radiology (A.T.) m University of Utah, Department of Radiology (L.M.S.) n Global Advanced Imaging, PLLC (T.B.B.) 2 2026 47 2 506795 269 280 01 02 2027 04 02 2026 04 02 2026 © 2026 by American Journal of Neuroradiology 2026 American Journal of Neuroradiology AIM/OBJECTIVES/BACKGROUND: This practice parameter was revised collaboratively by the American College of Radiology (ACR), the American College of Nuclear Medicine (ACNM), the American Society for Neuroradiology (ASNR), and the Society of Nuclear Medicine and Molecular Imaging (SNMMI).

This important update now includes all FDA approved agents for PET imaging of dementia and reflects the expanding role of PET imaging for the early and more accurate diagnostic characterization of the neurodegenerative processes underlying cognitive deterioration. Clinical indications, personnel qualifications, and technical specifications are discussed in this practice parameter.

This practice parameter was revised according to the process described under the heading The Process for Developing ACR Practice Parameters and Technical Standards on the ACR website ( <https://www.acr.org/Clinical-Resources/Practice-Parameters-and-Technical-Standards> ) by the Committee on Practice Parameters – Neuroradiology of the ACR Commission on Neuroradiology and the Committee on Practice Parameters – Nuclear Medicine and Molecular Imaging of the ACR

Commission on Nuclear Medicine and Molecular Imaging in collaboration with the ACNM, the ASNR, and the SNMMI.

ACR/ACNM/ASNR/SNMMI collaborative work to update the practice parameter of Brain PET imaging. The new parameter includes all FDA approved PET agents for the evaluation of dementia.

The updated practice parameter is intended to serve as a reference for clinical indications, technical specifications, and personnel qualifications state for PET/CT imaging in dementia.