

**PET Amyloid Brain Scan**  
**Pre-exam Information and Instructions**

**Thank you for choosing Yale New Haven Hospital**

*We are looking forward to providing you with exceptional care.*

Your doctor has ordered an Amyvid PET scan. This imaging test is used to evaluate for possible Alzheimer's disease and other causes of cognitive decline. Amyvid is the first FDA-approved imaging agent used to estimate the density of beta-amyloid plaque in the brain, which is an indicator of Alzheimer's disease, although such plaque may be present in patients who do not have Alzheimer's disease.

**Yale New Haven Hospital Preparation for this Exam:**

**Before Arriving for Your Exam**

- Please arrive **15 minutes** early to check in.
- Children accompanying patients during visits:
  - Unfortunately, we cannot routinely supervise your children during your imaging study. We believe that you are best served when we can provide 100% of our attention to you. Therefore, we encourage you to make childcare arrangements or to bring a responsible adult with you to supervise your children.
- There are no restrictions in your diet required prior to this test.
- The injection for this exam is specifically ordered for you and is very expensive, if you are unable to keep your appointment or have any questions, please call us at 203-688-1011 option 7.
- Wear loose comfortable clothing, since you will need to lie still for a period of time.
- Most claustrophobic patients are able to tolerate a PET-CT Scan. Talk to your doctor if you think you need some additional anti-anxiety medication for the scan. We cannot prescribe or supply medication.
- We want to make your waiting time as pleasant as possible. Consider bringing your favorite magazine, book or music player to help you pass the time.
- Please leave your jewelry and valuables at home.

**After Arriving**

- Upon arrival, a technologist will explain your procedure and answer any questions you may have.
- **ATTENTION Females (ages 10 to 55)**  
To ensure Radiation Safety, the following is YNHH Policy on pregnancy test for this Radiology exam.
  - **PARENTS:** A pregnancy test is required on all females (ages 10 to 17) prior to the start of the exam.
  - Females (ages 18 to 55) may either sign a waiver stating that there is no chance that you could currently be pregnant, or have the choice to take a pregnancy test prior to the exam

**During Your Exam**

- You will receive an intravenous injection (in your vein) of a tracer dose of radioactive material.
- The level of radioactivity is extremely low and has no side effects.
- Approximately 30 minutes to one hour later, you will be brought into the exam room for the scan.
- Your scan will take approximately 20 minutes.
- During this time you will be required to lie flat on your back, without moving.
- Using a special camera, pictures of your brain will be obtained. The camera will detect and record the distribution of the radioactive material in your brain.

*Continued on next page->*

## Exam Duration

- Approximately 60 minutes, with only about 20 minutes under the camera.

## After Your Exam

- There are no restrictions placed upon you. You may eat or drive as normal, although if you took relaxation medication, you will need someone to drive you home
- Your exam will be interpreted by a Radiologist (a doctor who is an expert in understanding these exams). A report will be sent to your provider, who can review the results with you.

\*For more general information on what to expect during your upcoming radiology exam.

Visit this link to **Positron Emission Tomography - Computed Tomography (PET/CT)** at [RadiologyInfo.org](http://RadiologyInfo.org)

Visit this link to **Alzheimer's Disease** at [RadiologyInfo.org](http://RadiologyInfo.org)

*RadiologyInfo.org is the public information resource developed by health care professionals in collaboration with patients. It was established to inform and educate the public about how various x-ray, CT, MRI, ultrasound, radiation therapy and other procedures/exams are performed and what you may experience during your procedure.*

*RadiologyInfo.org is sponsored by the Radiological Society of North America (RSNA) and the American College of Radiology (ACR).*

**Yale New Haven Hospital thanks you for  
choosing us to be part of your healthcare team.**