

PET Scan for Brain Imaging

Tell your doctor if you are pregnant or breastfeeding.

You have scheduled a PET Scan for brain imaging. This scan uses a small amount of radioactive material. The level of radioactivity used is extremely low and has no side effects.

How do I prepare for my scan?

Tell your doctor if you are pregnant or breastfeeding

Non-diabetic patients:

- Do not eat or drink 4 hours before your appointment
- No strenuous activity for 48 hours before your appointment

Diabetic patients:

- Do not eat or drink for 12 hours before your appointment
- You will be contacted by Nuclear Medicine for instructions about taking your medications
- Do not take Metformin for 72 hours before your appointment
- No strenuous activity for 48 hours before your appointment

What happens during my scan?

- During your scan, we will place an I.V. catheter in your arm for an injection of radioactive tracer.
- You will have to wait for 30 minutes after the injection we can take your images.

- We will position you on an imaging table inside a special detector called a PET scanner to take the images for about 15 minutes.
- You will receive a CT scan to be used to read your study.

Disclaimer: This document contains information and/or instructional materials developed by the University of Michigan Health System (UMHS) for the typical patient with your condition. It may include links to online content that was not created by UMHS and for which UMHS does not assume responsibility. It does not replace medical advice from your health care provider because your experience may differ from that of the typical patient. Talk to your health care provider if you have any questions about this document, your condition or your treatment plan.

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