

# PET Scan for Tumor Localization

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**Tell your doctor if you are pregnant or breastfeeding.**

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

**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?**

When you come in for your scan, we will:

- Place an I.V. catheter in your arm for an injection of radioactive tracer.
- Ask you to drink a glass of oral contrast
- Inject the radioactive tracer 30 minutes after you drink the oral contrast

- You will have to wait for 1 hour after the injection before we take your images. During that hour, we will ask you to drink a second glass of oral contrast.
- After 1 hour passes, we will position you on an imaging table inside a special detector called a PET scanner to take the images for about 25 minutes.
- You will also receive a CT scan of the same area as the PET scan to help your doctors 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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