

Pylarify® (Piflufolastat F 18)

What is Pylarify®?

Pylarify® is a diagnostic imaging agent used during **PET (Positron Emission Tomography) scans** to detect **prostate cancer that has spread (metastasized)** or returned after treatment. It works by targeting a protein called **PSMA (Prostate-Specific Membrane Antigen)** found on prostate cancer cells.

How Does Pylarify Work?

- Pylarify is injected into a vein before a PET scan.
- It contains a small amount of radioactive material (F 18) that attaches to PSMA on prostate cancer cells.
- A PET scanner detects the radiation, producing images that help your doctor locate prostate cancer in the body.

Why is Pylarify Used?

Your doctor may order a Pylarify PET scan if:

- You've had treatment for prostate cancer and your **PSA level is rising**, indicating a possible recurrence.
- You have newly diagnosed prostate cancer and your provider needs to check if it has **spread to other parts of the body**.

This scan helps guide decisions about further treatment, such as surgery, radiation, or systemic therapy.

What to Expect on the Day of the Scan

Before the Scan:

- You may be asked to **drink fluids** and use the restroom before the procedure.

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- Usually, **no fasting** is required, but follow any specific instructions from your care team.

During the Scan:

1. You will receive a Pylarify injection into a vein (usually in the arm).
2. There is a **waiting period (about 1 hour)** after the injection to allow the tracer to circulate.
3. You will lie on a table that slides into the PET/CT scanner.
4. The scan itself takes about **20–30 minutes**.

After the Scan:

- You can **resume normal activities**, eat and drink as usual.
- Drink extra fluids to help flush the tracer from your body.
- The radioactive material naturally leaves your body through urine within a few hours.

Safety and Side Effects

- Pylarify is generally safe with **minimal side effects**.
- Rare side effects may include:
 - Headache
 - Altered taste
 - Injection site reaction

Tell your healthcare provider if you are **pregnant or breastfeeding**, although this scan is typically not used in these cases.

Important Reminders

- **Tell your healthcare provider** about all medications and supplements you are taking.
- Bring a **list of your current treatments and PSA levels** to your appointment.
- Inform your provider if you've had **recent imaging tests or surgeries**.

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