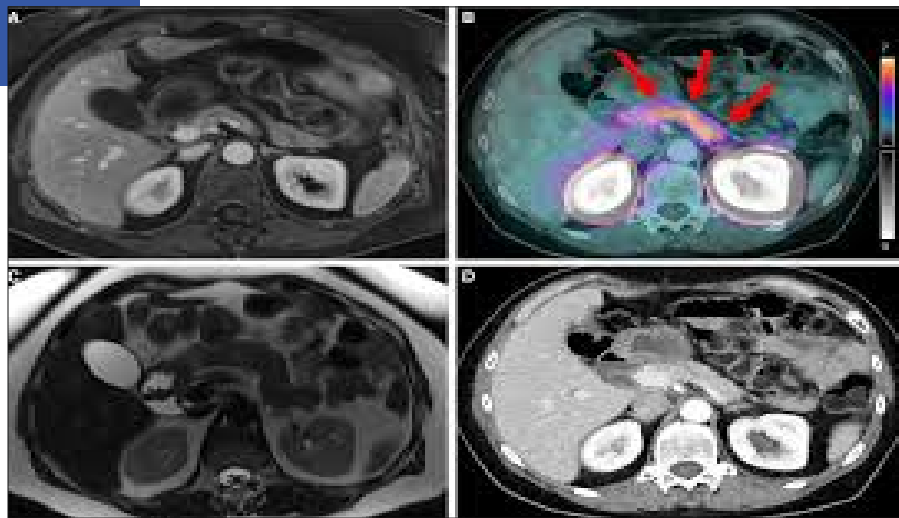




Understanding 18F-DOPA + 18F-FDG PET-CT for Brain

Ghaziabad: Plot No 14 & 15, Block P, Sector 23, Sanjay Nagar, Ghaziabad
Near ALT Bus Stand, Phone No.: +91-9217244110

✉ info@molecularit.com 🌐 www.molecularit.com



What is 18F-DOPA + 18F-FDG PET-CT for the brain?

18F-DOPA + 18F-FDG PET-CT combines 18F-DOPA, 18F-FDG, and Computed Tomography to provide information about brain function, metabolism, and anatomy. The tracers identify biological activities, while CT provides anatomical information. This scan supports the assessment of selected neurological conditions.

Why is it Performed?

This scan is recommended when doctors need information about brain metabolism to assess movement disorders, brain lesions, and other abnormalities. Findings are interpreted with symptoms, medical history, and other examinations.

Preparation

Please provide medical history and medication details before the scan.

- Inform the team if you are pregnant or think you may be pregnant
- Inform the team if you are breastfeeding
- Carry previous MRI, CT, PET-CT, pathology, and laboratory reports

- Inform the team about medicines and allergies
- Follow fasting, food, water, and medication instructions
- Follow additional instructions from your doctor or PET-CT team

Procedure

The required radiotracers are administered according to the prescribed protocol. You rest for a specified period so the tracer can reach the appropriate tissues. You then lie on a scanning table moving through the PET-CT scanner. The procedure time varies according to the protocol and individual requirements.

Important Instructions

- Follow instructions from the Molecular Diagnostics and Therapy team
- Remain still during imaging
- Inform staff if uncomfortable
- Follow preparation and post-scan instructions
- Drink fluids if advised and not medically restricted
- Take medicines only as instructed

Safety Precautions

18F-DOPA + 18F-FDG PET-CT uses prescribed radioactive tracers under trained medical supervision. Proper care and instructions are provided. Patients might experience discomfort from the injection, but precautions are taken..

When to Seek Medical Attention?

If you experience unusual symptoms or concerns, inform your healthcare professional. Ask about medicines, pregnancy or breastfeeding, preparation, or after-care instructions. 18F-DOPA + 18F-FDG PET-CT is a specialised procedure, and results should be interpreted by a qualified specialist. At Molecular Diagnostics and Therapy, our trained team follows appropriate imaging protocols and provides support for a safe and comfortable experience.