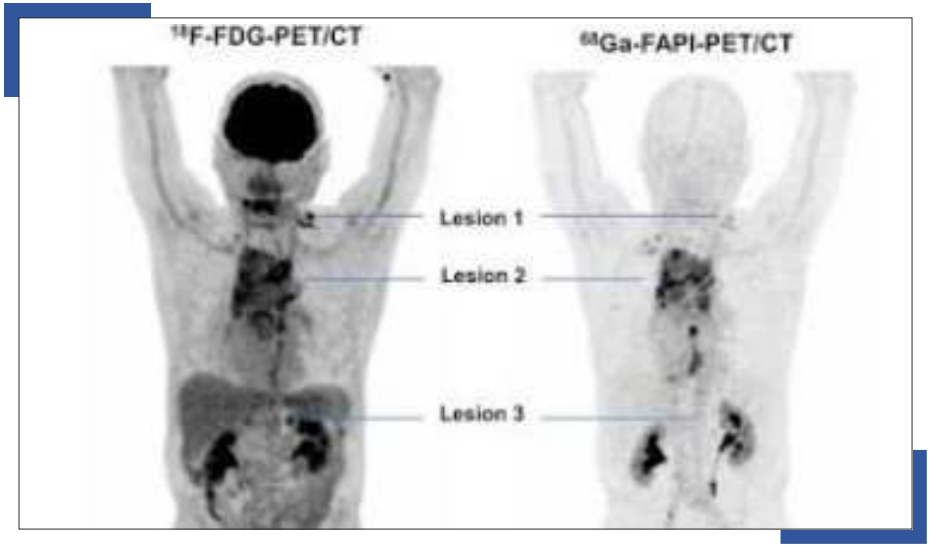
MOLECULAR
DIAGNOSTICS AND THERAPY
...where technology meets patient care

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

MOLECULAR
DIAGNOSTICS AND THERAPY
...where technology meets patient care



Understanding
68Ga-FAPI PET-CT



What is 68Ga-FAPI PET-CT?

A PET-CT scan using the radioactive tracer Gallium-68 Fibroblast Activation Protein Inhibitor. It is a type of nuclear medicine scan. A PET-CT scan contains two scans, PET and CT, which work together to produce detailed images of your organs, tissues, and areas of abnormality. This scan can help identify and assess certain cancers.

Why is it Performed?

May be recommended to help identify and assess certain cancers. This can help understand whether your cancer has spread to other organs within the body. It can also help understand how much tumour you have, how well your treatment is working, whether there is a risk that your cancer may come back, and help plan your treatment.

Preparation

- Inform the imaging team if you are pregnant, think you may be pregnant, or are breastfeeding.
- Share details of your current medicines, medical history and previous cancer treatments.
- Carry previous PET-CT scans, biopsy reports and other relevant medical records, if available.

Procedure

A small amount of a radioactive tracer (Gallium-68 FAPI) is injected into a vein in your arm. You will then be asked to wait for a set amount of time to allow the tracer to travel around your body and build up in areas of fibroblast activation. You will then be asked to lie on the scan bed whilst images of your body are taken using the PET-CT machine. You will need to stay as still as possible whilst the images are being taken. The length of the scan will depend on the images required.

Important Instructions

- Inform the staff if you feel uncomfortable during the injection or scan.
- Remain still while images are being captured.
- Bring previous investigation reports for comparison, if available.

Safety Precautions

The scan does involve a small amount of radiation from the radioactive tracer and CT scan. Please let the team know if you think you may be pregnant or breastfeeding. Also let the team know if you have any relevant medical problems or have had any adverse reactions to injections. The medical team will advise you on what fluids you can have. They will also advise you on what precautions you will need to take temporarily with pregnant women and young children.

When to Seek Medical Attention?

If you have any unusual or ongoing symptoms after your scan, please see your doctor. If you are having any difficulty breathing, swelling to your face/throat, or any other symptoms of a severe allergic reaction after your injection, please seek immediate medical advice. Please speak to a healthcare specialist about your scan results. Molecular Diagnostics and Therapy support you throughout your diagnostic process.