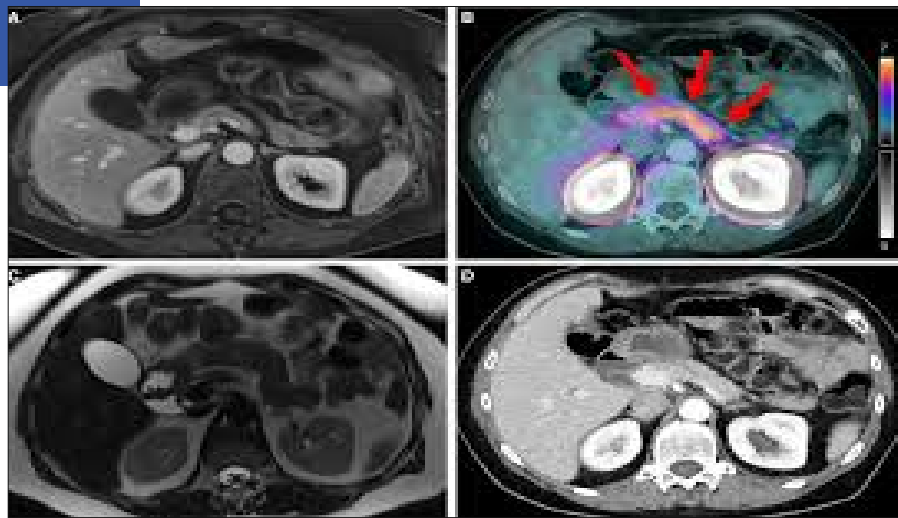




Understanding FAPI PET-CT Scan

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What is a FAPI PET-CT Scan?

FAPI PET-CT Scan is an advanced imaging procedure that combines PET and CT to provide information about cellular activity and body structures. A small amount of FAPI radiotracer is administered through an injection. The tracer targets fibroblast activation protein, which can be present in the tissue surrounding certain tumours. PET shows the distribution of the tracer, while CT provides detailed anatomical images. Together, these images help doctors evaluate areas of concern.

Why is it Performed?

In certain clinical scenarios, where assessment of tumour-related tissue is indicated, the FAPI PET-CT scan is considered. It assists physicians identify suspicious areas, determining the spread of disease, determining the possible spread and aiding with treatment planning. The results are correlated with the patient's history and physical exam.

Preparation

- Inform the team if you are pregnant or breastfeeding.
- Inform the team about current medicines and medical conditions.

- Follow any specific preparation instructions provided.
- Drink water as advised by the medical team.
- Carry previous imaging, pathology, and laboratory reports.

Procedure

The prescribed FAPI radiotracer is administered through an injection. You will rest for a specified period to allow the tracer to distribute through the body. You will then lie comfortably on the scanning table, which moves through the PET-CT scanner. PET and CT images are obtained according to the required imaging protocol. It is important to remain still during scanning. The procedure time may vary depending on the clinical requirement.

Important Instructions

- Follow all instructions given by the Molecular Diagnostics and Therapy team.
- Remain relaxed and avoid unnecessary movement.
- Inform staff if you feel uncomfortable.
- Follow all medication and hydration instructions provided.
- Drink fluids after the scan if advised and if not medically restricted.
- Follow all post-scan instructions given by the medical team.

Safety Precautions

FAPI PET-CT uses a prescribed radiotracer dose under trained medical supervision. Mild discomfort at the injection site may occur. Inform the team about pregnancy, breastfeeding, medicines, allergies, or other relevant medical conditions before the scan.

When to Seek Medical Attention?

If you experience unusual symptoms or have concerns after the procedure, inform your healthcare professional. FAPI PET-CT Scan is a specialised imaging procedure. Results should be interpreted by a qualified specialist along with your medical history and other clinical information. Molecular Diagnostics and Therapy provides support and guidance throughout the procedure to the patient.