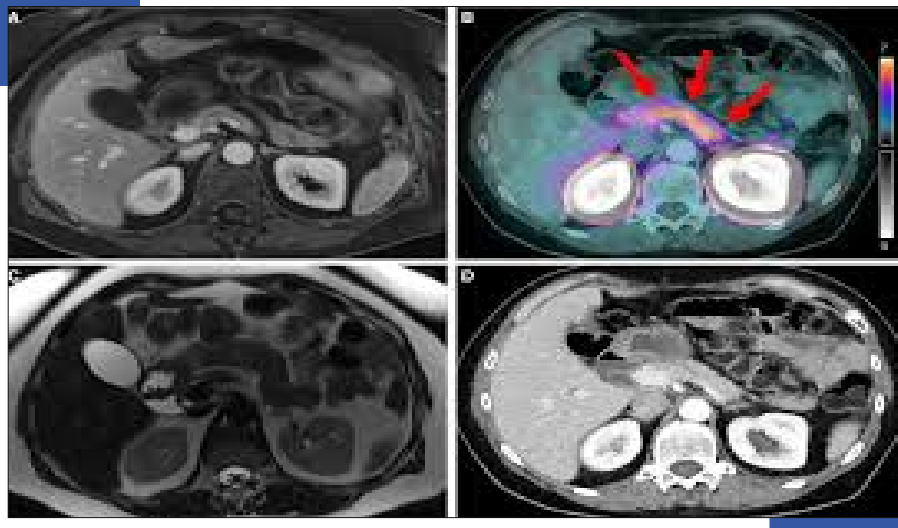




Understanding 18F-FDG PET-CT Triple Phase with CT Whole Abdomen

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What is 18F-FDG PET-CT Triple Phase with CT Whole Abdomen?

18F-FDG PET-CT Triple Phase with CT Whole Abdomen is a special advanced imaging technique that is a fusion of PET and CT imaging, both offering information about body structure and metabolism. A small amount of 18F-FDG radiotracer is given through an injection. PET provides information on the regions or areas that are getting more glucose, while CT gives information on the body structures in detail. Triple-phase CT whole abdomen imaging offers physicians information about the abdomen in greater detail.

Why is it Performed?

This scan is advised if a detailed evaluation of the abdomen and metabolism is needed. It aids physicians in locating suspicious regions, assessing disease extent, evaluating treatment response, and supporting further clinical decisions. Results are interpreted with the patient's medical history and other investigations.

Preparation

- Inform the team if you are pregnant or breastfeeding.
- Follow the fasting instructions provided before the scan.

- Drink water as advised.
- Inform the team about diabetes, medicines, allergies, or other medical conditions.
- Carry previous imaging, pathology, and laboratory reports.

Procedure

The 18F-FDG radio tracer is administered to a person through an injection. You rest still for a certain amount of time so that the tracer spreads throughout your body. You then lie on the comfortable scanning table, which moves through the PET-CT scanner. The triple-phase imaging protocol for CT and then PET imaging is performed. It is important to stay still when having this scan, and the time of the procedure varies depending upon the clinical need.

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 fasting, hydration, and medication instructions.
- Drink fluids after the scan if advised and not medically restricted.
- Follow all recommended post-scan instructions.

Safety Precautions

18-FDG PET-CT is administered in the context of a specified dose as a radiotracer under skilled medical care. Pain at the injection site can occur, but is mild. Be sure to tell the medical team if the patient is pregnant, breastfeeding, diabetic, has other medical conditions such as allergies, etc before the scan.

When to Seek Medical Attention?

Ask the medical team if you have questions about preparation, medicines, or after-care. 18F-FDG PET-CT Triple Phase with CT Whole Abdomen 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.