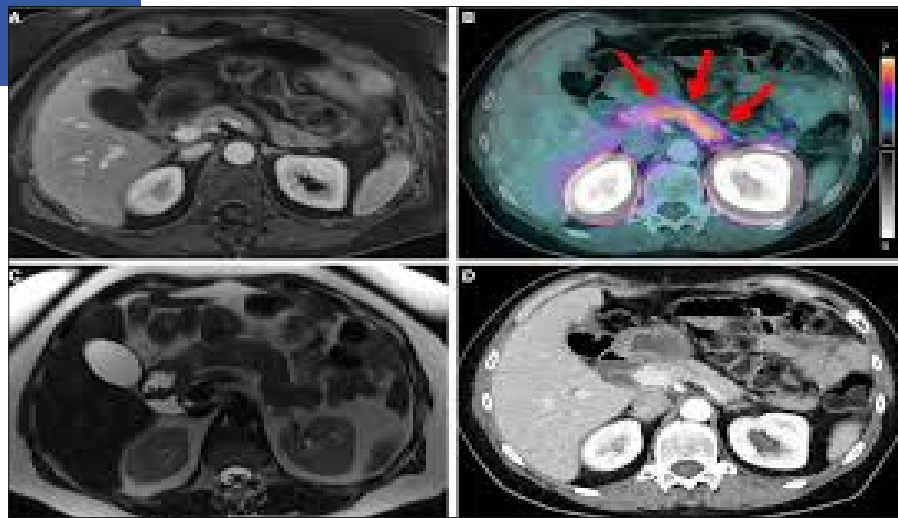




Understanding 18F-DOPA PET-CT for the Brain

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What is 18F-DOPA PET-CT for the Brain?

18F-DOPA PET-CT for the brain is a special imaging technique that combines 18F-DOPA, Positron Emission Tomography, and Computed Tomography. It provides information about brain function and biological activity, as well as information on anatomy with CT. The combined images help doctors assess specific changes in brain activity and structure.

Why is it Performed?

This type of scan is used when medical doctors require detailed functional and dopamine-related information from the brain for the diagnosis of some neurological diseases or brain abnormalities. Results are evaluated considering patients' symptoms, medical history, and other examinations. It can provide additional information to support further clinical evaluation and management.

Preparation

Please provide medical history and medication details before the scan.

- Inform the team if you are pregnant.
- Inform the team if you are breastfeeding.
- Carry previous MRI, CT, PET-CT, pathology, and laboratory reports.

- Inform the team about current medicines and allergies.
- Follow the specific fasting, food, water, and medication instructions.
- Follow any additional preparation instructions provided by the medical team.

Procedure

A small dose of the 18F-DOPA radiotracer is injected as per the protocol used. It is necessary to rest for a certain amount of time to allow the tracer to reach the tissues. During the scan, patients lie on a scanning table as it passes through the PET-CT scanner and are advised not to move during the scan.

Important Instructions

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

Safety Precautions

18F-DOPA PET-CT is a scan performed with an administered radioactive tracer applied under controlled medical supervision. There could be some pain at the injection site. Caution and adequate care are taken during the scan by our team.

When to Seek Medical Attention?

Inform your health care professional if you notice unusual symptoms or concerns. Inquire about medications, pregnancy/breastfeeding, preparation, or aftercare. 18F-DOPA Whole-Body PET-CT is a specialised procedure and should be interpreted by a qualified specialist. Our knowledgeable staff implements proper imaging procedures and ensures a safe experience at Molecular Diagnostics and Therapy.