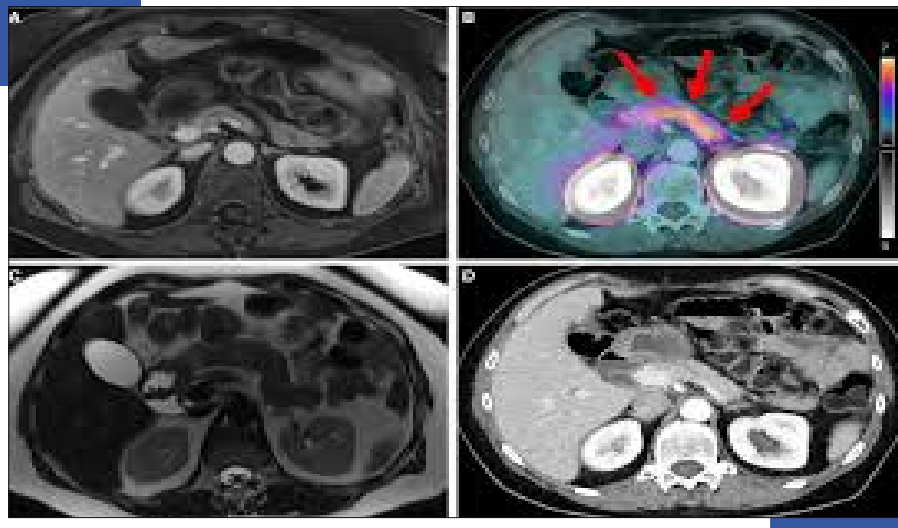




Understanding 68Ga-DOTA Triple Phase PET-CT with CT Whole Abdomen

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What is 68Ga-DOTA Triple Phase PET-CT with CT Whole Abdomen?

68Ga-DOTA Triple Phase PET-CT with CT Whole Abdomen is an advanced nuclear medicine imaging technique combining 68Ga-DOTA PET, CT, and triple-phase whole-abdomen CT. The 68Ga-DOTA radiotracer helps indicate biological activity, and the CT helps to show detailed anatomic information. These images can be viewed together to help determine abnormalities of the abdomen.

Why is it Performed?

A scan is used when doctors need information about the organs in the abdomen or an abnormal growth or activity in the body. Results are viewed in conjunction with the patient's symptoms, clinical examination, medical history, and other investigations.

Preparation

Please provide your medical history and medication details before the scan.

- Inform the team if you are pregnant.
- Inform the team if you are breastfeeding.

- Carry previous imaging, pathology, and laboratory reports.
- Inform the team about current medicines and allergies.
- Follow the specific fasting, food, water, and medication instructions provided.

Procedure

A small quantity of the radiotracer is injected into the patient. The tracer needs to distribute equally, which takes some time. Three-phase computed tomography of the entire abdomen is then performed. Patients lie on a scanning table for imaging and should try to stay still during imaging.

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

68Ga-DOTA Triple Phase PET-CT allows the injection of a radioactive tracer that is prescribed for patients under the careful guidance of a trained specialist. The area is accessible for injection, which can be slightly uncomfortable, but good care and precautions are taken throughout the process.

When to Seek Medical Attention?

If you notice something you think isn't normal, inform your health care provider. Inquire about medication, pregnancy/breastfeeding, preparation, and post-preparation information. 18F-DOPA PET-CT for the brain is a specialised scan, and the results should be assessed by a trained specialist. Our experienced staff at Molecular Diagnostics and Therapy observe and apply suitable imaging techniques that ensure patient comfort by providing support for a safe experience.