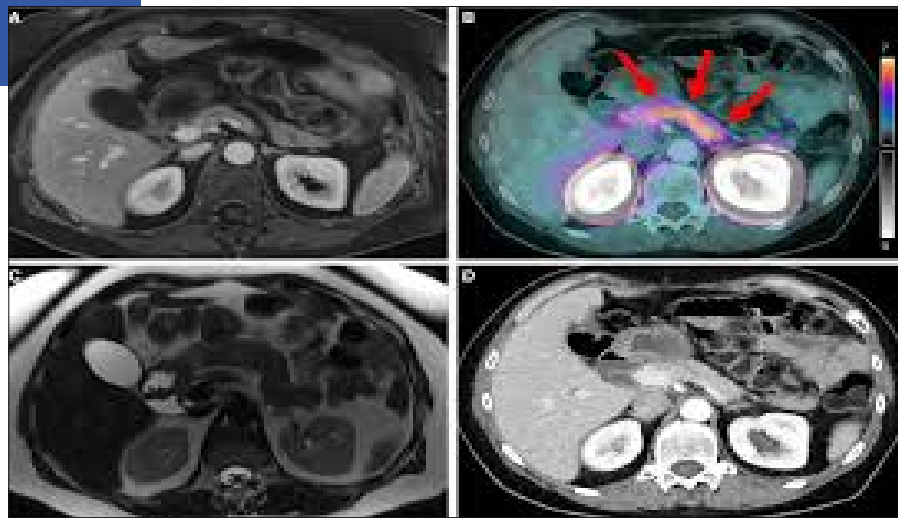




Understanding 68Ga-DOTA PET-CT Scan

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What is a 68Ga-DOTA PET-CT Scan?

68Ga-DOTA PET-CT Scan is an advanced imaging technique that is a combination of three types of imaging: 68Ga-DOTA, Positron Emission Tomography, and Computed Tomography. The tracer is used to obtain specific biological information, and CT is used to obtain anatomical information. They work together to assist doctors in evaluating certain conditions.

Why is it Performed?

If Doctors require information regarding a specific biological activity, abnormal lesions, or selected conditions, a scan is recommended. Interpretation of findings is compared to the patient's symptoms, medical history, clinical examination, and

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

Procedure

A small dose of 68Ga-DOTA radiotracer is injected into the patient by the prescribed protocol. The tracer might need to be allowed to disperse properly. Then, patients lie on a scanning table inside the PET-CT scanner. Try to keep still while being scanned. This procedure takes time, depending on protocol and individual needs.

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 PET-CT uses a prescribed radioactive tracer under trained medical supervision. Patients might experience some discomfort from the injection, but proper care and precautions are taken during the scan.

When to Seek Medical Attention?

If you have any unusual symptoms or concerns, inform your health care professional. Get information on medication, pregnancy or breastfeeding, preparation, or after-care information. 68Ga-DOTA PET-CT is a specialized imaging technique, and the images should only be assessed by an expert. In Molecular Diagnostics and Therapy, all procedures are conducted under safe and suitable imaging protocols, and support is available to ensure a safe and comfortable experience.