



Understanding Liver and Spleen Imaging

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What is Liver and Spleen Imaging?

Liver and Spleen Imaging is an advanced nuclear medicine procedure used to diagnose disorders involving the liver and spleen and to assess the presence of a radioactive tracer. With a small amount of radioactive tracer in the bloodstream, a gamma camera takes images of the liver and spleen.

Why is it Performed?

The scan is used to examine abnormalities related to the liver and spleen, such as size, shape, or distribution of the tracer. It offers other information for certain cases of liver and spleen conditions. The results should be read in conjunction with the patient's symptoms, previous medical reports, physical examination, and other tests conducted.

Preparation

- Inform the medical team if you are pregnant or breastfeeding.
- Share details of your current medicines and relevant medical conditions.
- Bring previous ultrasound, CT, MRI, or laboratory reports if available.
- Follow any specific food, medicine, or preparation instructions provided by the medical team.

Procedure

A small dose of a radioactive material is given. The tracer is injected into the liver and spleen so that they can be seen. The patient lies comfortably on the table, and images are taken according to the imaging protocol advised by the gamma camera. It is necessary to stay still while the images are taken. Procedure times depend on individual needs and protocol.

Important Instructions

- Follow all instructions provided by the nuclear medicine team.
- Remain still and relaxed while images are being captured.
- Inform the medical staff if you experience discomfort or have any concerns.
- Provide complete information about your medicines, allergies, and relevant medical conditions.
- Inform the team about pregnancy or breastfeeding before the examination.
- Follow any instructions regarding food, medicines, or fluids.
- Follow the recommended post-scan instructions provided by the medical team.
- Maintain adequate fluids after the scan if advised and if there are no medical restrictions.

Safety Precautions

The scan is performed using small doses of a radioactive material, given under the safe guidance of a doctor. Safety precautions are appropriately used as per the patient's clinical needs. Before the examination, inform the medical staff if you are pregnant or breastfeeding or if you have any medical conditions or allergies that might be relevant.

When to Seek Medical Attention?

Inform the medical team if you experience unusual symptoms or have concerns after the procedure. At Molecular Diagnostics and Therapy, Liver and Spleen Imaging is performed following appropriate nuclear medicine protocols under specialist supervision, with attention to patient safety and comfort.