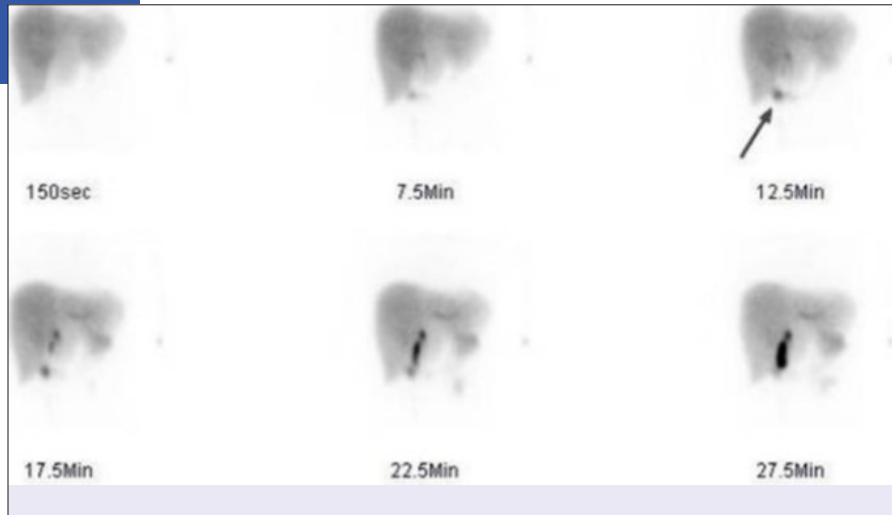




Understanding Hepatobiliary Scan

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What is a Hepatobiliary Scan?

A hepatobiliary scan is a specialised nuclear medicine imaging test that is used to assess the bile ducts, gallbladder, liver, and bile flow. A small dose of radioactive tracer is injected into the body. A gamma camera is used to obtain images over time to monitor bile flow and hepatobiliary function.

Why is it Performed?

A hepatobiliary scan is used to test the function of the gallbladder and the flow of bile. It is helpful in a selected number of cases of inflammatory change of the gallbladder, bile duct obstruction, or abnormalities affecting the hepatobiliary system. The results must be interpreted in conjunction with clinical examination, medical history and symptoms, as well as other investigations of patients.

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 scans, or other relevant reports if available.
- Follow the fasting instructions provided by the medical team.
- Follow any instructions regarding medicines or fluids before the scan.
- Follow additional instructions given by Molecular Diagnostics and Therapy.

Procedure

A small amount of radioactive tracer is injected into a vein. The tracers taken up by the liver, bile ducts, and the gallbladder. The patient is comfortably positioned, and images are taken with the gamma camera at regular time intervals to track the radioactivity's path. Other drugs are administered if needed to evaluate gallbladder function with the appropriate imaging protocol. The overall time required for this procedure depends on the protocol and the individual requirements.

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 all 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 involves a measured image with the help of professionals and doctors. Safe practices are carried out as per the patient's clinical needs. Before the examination, inform the medical team about pregnancy, breastfeeding, medicines, allergies, or any relevant conditions,

When to Seek Medical Attention?

Inform the medical team if you experience unusual symptoms or have concerns after the procedure. Seek prompt medical attention for severe abdominal pain, persistent vomiting, fever, or other concerning symptoms. For questions regarding preparation, medicines, or post-scan care, consult the healthcare team. At Molecular Diagnostics and Therapy, Hepatobiliary Scans are performed following appropriate nuclear medicine protocols under specialist supervision, with attention to patient safety and comfort.