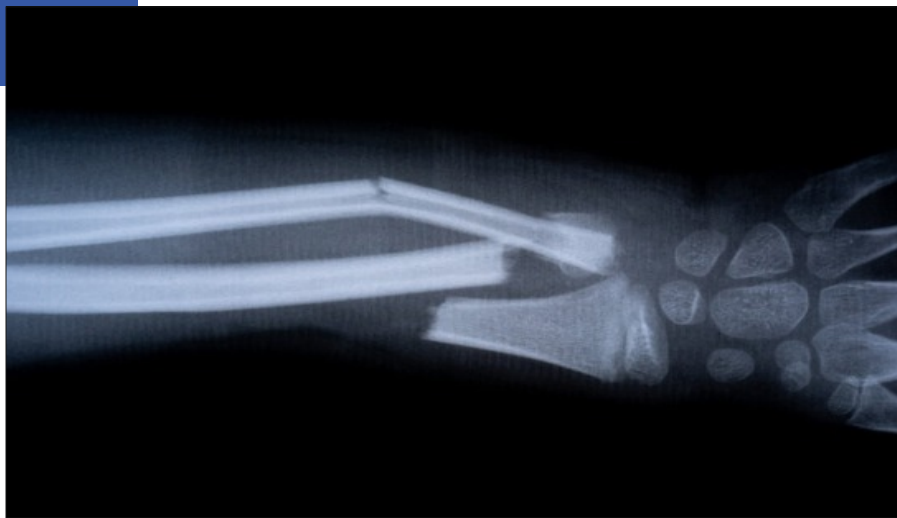




Understanding Bone Scan

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What is a Bone Scan?

A bone scan is a specialised nuclear medicine imaging test used to analyse abnormal activity in bones. In this, an appropriate amount of radioactive tracer is administered into the patient's veins, and a gamma camera is used to capture images to assess how the tracer is distributed throughout the skeletal system.

Why is it Performed?

This scan identifies abnormalities, bone pain, fractures, infection, inflammation, or other areas of concern. It contributes to the diagnosis of conditions and changes in the bones. The findings are analyzed in conjunction with symptoms, medical history, imaging, and other relevant tests of the patient.

Preparation

- Inform the medical team about pregnancy or breastfeeding.
- Share details of current medicines and relevant medical conditions.
- Carry previous X-rays, CT, MRI, or other imaging reports.
- Follow specific food, water, and medication instructions.

Procedure

In this scan, an appropriate dose of radioactive tracer is injected into the body. The patient lies on the scanner table, and a gamma camera captures images of the patient's skeleton. Individual requirements of the patient and protocols determine the scan time.

Important Instructions

- Follow all instructions provided by the nuclear medicine team.
- Drink water as advised before and during the scan.
- Remain still and relaxed during image acquisition.
- Inform staff if you feel uncomfortable or develop sudden symptoms.
- Take medicines only as instructed.

Safety Precautions

This scan uses the proper dose of radioisotope, administered under closely monitored and controlled conditions. At our centre, Molecular Diagnostics and Therapy safety rules are followed as per the patient's clinical requirement. Inform medical staff about the patient's pregnancy, breastfeeding, medication, and allergies or other medical issues.

When to Seek Medical Attention?

Inform the medical consultant if the patient experiences unusual symptoms after the scan. Follow all medication, preparation, after scan instructions provided by the medical team. At Molecular Diagnostics and Therapy, bone scans are performed in the presence of expert guidance and appropriate nuclear medicine procedures, with patient safety and concern in mind.