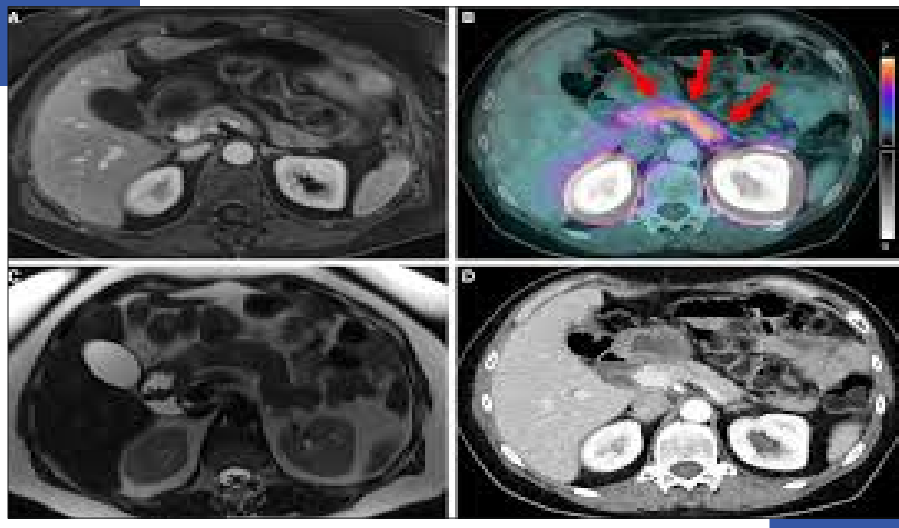




Understanding I-131 Radioiodine Therapy – 50 mCi

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What is I-131 Radioiodine Therapy – 50 mCi?

I-131 Radioiodine Therapy is a nuclear medicine treatment that uses a prescribed 50 mCi dose of radioactive iodine (I-131). Radioiodine accumulates within the thyroid gland and provides the therapeutic effect of radiation on specific thyroid cells in accordance with proper medical guidance. The treatment is done based on the patient's condition and needs.

Why is it Performed?

This therapy is suggested by doctors for those who have thyroid-related conditions when a radioiodine procedure is considered appropriate. The mode of treatment depends on the individual's condition and other clinical factors.

Preparation

- Inform the team if you are pregnant
- Inform the team if you are breastfeeding
- Inform the team about current medicines and medical conditions.
- Carry previous thyroid, imaging, pathology, and laboratory reports.
- Follow specific food and medication instructions.
- Follow all radiation-safety instructions provided by the medical team.

Procedure

The dose of 50 mCi of I-131 is given either as a capsule or liquid. Radioactive iodine is absorbed by thyroid tissue and provides therapeutic radiation. Your treatment will be monitored by the medical team, and the duration of the treatment is dependent on the protocol and individual needs of the patient.

Important Instructions

- Follow all radiation-safety instructions given by the Molecular Diagnostics and Therapy team.
- Follow recommended radiation-safety precautions
- Drink fluids as advised and if not medically restricted
- Take medicines only as instructed
- Maintain the recommended distance from others as advised
- Follow hygiene and post-treatment instructions
- Attend follow-up appointments as recommended

Safety Precautions

Radioiodine Therapy (I-131) is the controlled use of radioactive iodine, with strict medical supervision. Appropriate radiation precautions are followed as per the patient's needs. Inform the team about medicines, allergies, pregnancy, nursing, and other medical issues of the patient.

When to Seek Medical Attention?

If you experience unusual symptoms or concerns after treatment, inform your healthcare professional. Ask the medical team about medicines, radiation precautions, preparation, or after-care instructions. I-131 Radioiodine Therapy – 50 mCi is a specialised treatment, and the prescribed dose and follow-up should be determined by a qualified nuclear medicine specialist. Molecular Diagnostics and Therapy provides support and guidance throughout the treatment process for a safe and comfortable experience.