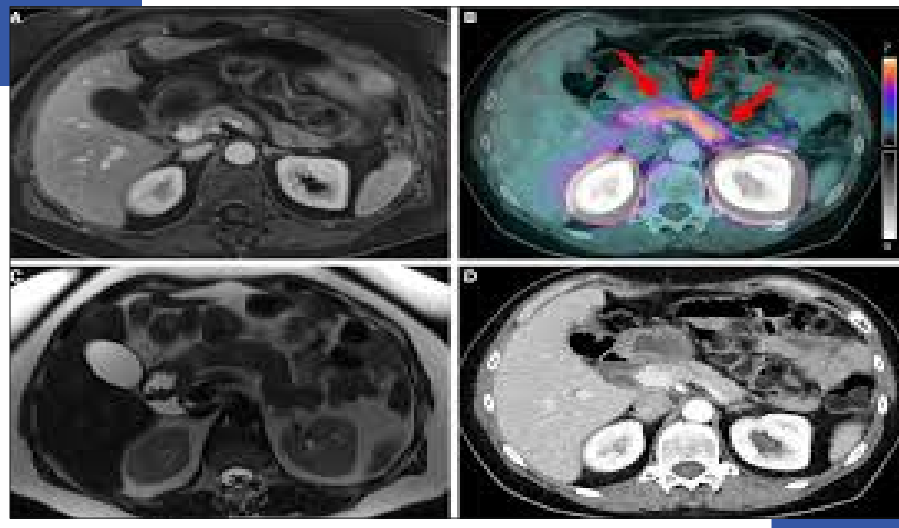




Understanding I-131 Radioiodine Therapy – 30 mCi

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What is I-131 Radioiodine Therapy – 30 mCi?

Radioiodine therapy is a specialized therapy designed to get rid of thyroid tissue with radioactive iodine-131. These are given by mouth at a set dose of 30 mCi. I-131 is taken up naturally by the thyroid and acts on the thyroid cells. It is typically used when a particular therapeutic dose is required, depending upon the patient's thyroid disorder and treatment program.

Why is it Performed?

For some thyroid conditions, including thyroid cancer and hyperthyroidism, I-131 therapy is recommended. The treatment is used to shrink or destroy specific thyroid tissue. The recommended dose depends on the diagnosis, thyroid function, history of treatment, and other clinical factors and is determined by the treating expert.

Preparation

- Inform the team if you are pregnant or breastfeeding.
- Inform the team about all current medicines and supplements.
- Follow the specific food and medication instructions provided.
- Carry recent thyroid test reports and previous medical records.
- Follow instructions regarding thyroid medicines before treatment.

Procedure

Both liquid and capsule forms of I-131 are available and are given orally in prescribed doses of 30 mCi. The radioactive iodine is taken up by the body and into the thyroid tissue. If you have medical and certain radiation-safety needs, you may be permitted to go home after treatment. Treatment has a slow onset of action, and subsequent testing is needed to determine how well the treatment is working.

Important Instructions

- Follow all radiation-safety instructions given by the Molecular Diagnostics and Therapy team.
- Maintain the recommended distance from others for the advised period.
- Follow precautions regarding close contact with children and pregnant women.
- Drink plenty of fluids if medically permitted.
- Follow recommended hygiene and bathroom precautions.
- Take medicines only as directed by your doctor.
- Attend all scheduled follow-up appointments.

Safety Precautions

Installing radioactive materials in a treatment facility known as I-131 therapy includes a prescribed radioactive dose to be administered under medical supervision. This may bring about temporary nausea, neck pain, or alterations in the functioning of the thyroid gland. Radiation is in the body for some time after treatment, so it is important to follow precautions recommended by doctors.

When to Seek Medical Attention?

Discuss any unusual or severe symptoms following treatment with your health care professional. Talk to the health professionals if you are worried about medications, radiation safety, pregnancy, breastfeeding, and/or aftercare. Iodine-131 Radioiodine Therapy is a special treatment technique. Molecular Diagnostics and Therapy processes offer guidance and support throughout the treatment.