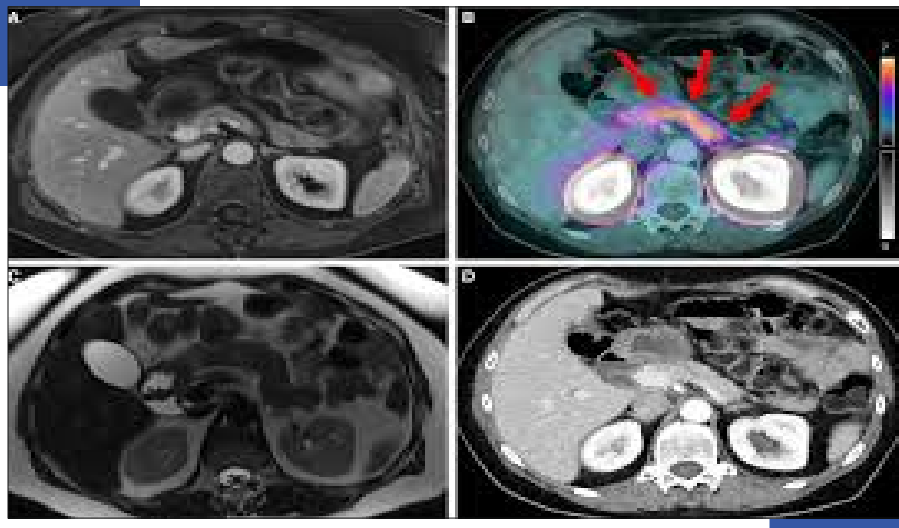




Understanding 177Lu-DOTA Therapy – 200 mCi

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What is 177Lu-DOTA Therapy – 200 mCi?

177Lu-DOTA Therapy is a specialised nuclear medicine treatment that uses a prescribed 200 mCi dose of Lutetium-177 (177Lu) DOTA. The therapy targets specific cells that express appropriate receptors and delivers therapeutic radiation to the targeted tissues under expert medical supervision.

Why is it Performed?

This therapy is recommended for selected receptor-positive neuroendocrine tumours when targeted radionuclide therapy is considered appropriate. Treatment decisions are based on receptor imaging, medical history, clinical condition, and other relevant investigations.

Preparation

- Inform the team if you are pregnant or think you may be pregnant.
- Inform the team if you are breastfeeding.
- Inform the team about current medicines and medical conditions.
- Carry previous DOTA PET-CT, imaging, pathology, and laboratory reports.
- Follow specific food, fluid, and medication instructions.
- Follow all radiation-safety instructions provided by the medical team.

Procedure

The prescribed 200 mCi 177Lu-DOTA dose is administered according to the treatment protocol. The radioligand targets appropriate receptor-positive cells and delivers therapeutic radiation to them. You will be monitored by the medical team, and the treatment duration may vary according to the protocol and individual requirements.

Important Instructions

- Follow all 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 by your doctor.
- Follow hygiene and post-treatment instructions carefully.
- Attend follow-up appointments as recommended.

Safety Precautions

177Lu-DOTA Therapy uses a controlled amount of radioactive substance under trained medical supervision. Appropriate radiation-safety measures are followed according to the patient's clinical needs. Inform the team about medicines, allergies, pregnancy, breastfeeding, or other relevant medical conditions.

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. 177Lu-DOTA Therapy – 200 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.