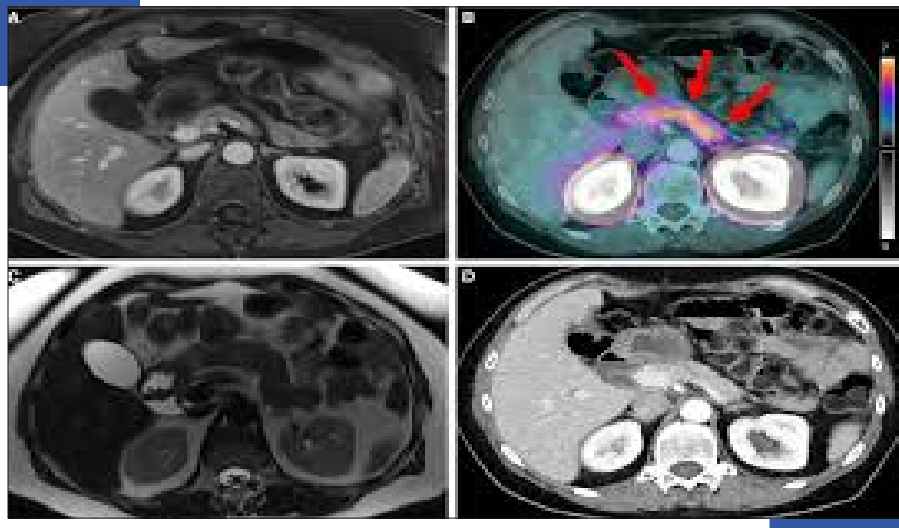




Understanding 177Lu-PSMA Therapy – 200 mCi

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What is 177Lu-PSMA Therapy – 200 mCi?

177Lu-PSMA Therapy is a specialised nuclear medicine treatment that uses a prescribed 200 mCi dose of Lutetium-177 (177Lu) PSMA. The PSMA-targeting substance binds to PSMA-expressing cells, allowing the radioactive component to deliver radiation to targeted tissues. The therapy is administered under expert medical supervision.

Why is it Performed?

This therapy is recommended for selected patients with PSMA-positive prostate cancer, particularly when targeted radionuclide therapy is considered appropriate. Treatment decisions are based on PSMA imaging, medical history, clinical condition, and other relevant investigations.

Preparation

- Inform the team if you are pregnant or you are breastfeeding.
- Inform the team about current medicines and medical conditions.
- Carry previous PSMA 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-PSMA dose is administered according to the treatment protocol. The radioligand targets PSMA-expressing cells and delivers therapeutic radiation to them. You will be monitored by the medical team, and the duration of the procedure and stay may vary according to the treatment 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, 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-PSMA 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-PSMA 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.