

Lu-177-Dotatate (Lutathera®) Therapy Instructions

How do I prepare for my Lu-177-Dotatate (Lutathera®) therapy?

- Make sure to check in with your oncologist before your next Lutathera® appointment. You will need to be in contact with them in between each Lutathera® therapy session.
- Make sure you have your labs drawn (including complete blood count, comprehensive metabolic panel, and chromogranin-A) 10-14 days before your next Lutathera® appointment. Your nurse will give you paperwork for that lab work.
- Make sure you are very well hydrated (drinking lots of fluids). This helps keep your kidneys working and able to flush extra radiation from your body.
- Continue taking your regular medications, and bring any scheduled or “as needed” medications (such as pain medications) to this appointment.
 - You cannot take any somatostatin analogue (SSA) drugs, such as octreotide LAR (long-acting release) or lanreotide, for 4 weeks before a dose of Lutathera®.
 - After each Lutathera® dose, you can schedule your next SSA dose 24-48 hours after. We recommend getting it within 1 week after Lutathera® to make sure it will not conflict with your next Lutathera® dose. You will need to continue scheduling this with your oncologist.
- Bring snacks (or a light lunch, if you prefer). We do have a bagged lunch available for patients as well. You can eat while you’re here during your therapy if you do become hungry. There are no dietary restrictions for this therapy.

- This therapy can last from 4.5-6 hours. Please arrive 15 minutes before your appointment time to get started quickly.
- We recommend you bring a driver. Nausea and vomiting are possible side effects, so plan to have a driver to take you home after the therapy infusion.
 - Due to radiation safety precautions, your driver will not be able to sit with you during your infusion.
- Please bring your Zofran® medication to your Lutathera® therapy appointments, in case you develop any nausea after you are discharged and you need an extra dose on your ride home.

What happens on the day of therapy?

- When you arrive to the reception area and check in, you will meet the nurse who will take you back to the treatment area.
- One of your team members will place an IV (a needle in your vein to give you your infusions) and take your blood pressure and heart rate measurements.
- You will review the therapy process with the nurse and Nuclear Medicine technologist.
- We will give you anti-nausea medication. We may also give you an antihistamine before the infusions.
- You will then begin an infusion of amino acids.
- After about 20 minutes of the amino acid infusion, we will ask you to use the restroom. After urinating (peeing), you will be connected to the Lutathera® therapy dose for about 30 minutes.
 - During this therapy, you will not be able to move from your assigned bed area (except to walk to the bathroom in the treatment area, if needed).
- The amino acid infusion will continue for several more hours once the Lutathera® therapy dose is complete. This infusion can take 4-6 hours.

- The nurse will check on you during your infusions of amino acids and Lutathera® and help you with any possible side effects you experience.
- Once the amino acid infusion is complete, the nurse will remove your IV, review radiation safety precautions, and discharge you to go home. The radiation safety precautions are included in your scheduling packet of information and your after visit summary.

Who do I call if I have questions?

If you have any questions about your Lutathera® therapy or amino acid infusion, please call the Michigan Medicine Nuclear Medicine Department at (734) 232-6072.

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