

# Lutetium-177 PSMA (Lu-PSMA) Therapy

Pre & Post Therapy Patient Information

May 2023

## ON THE DAY OF TREATMENT

1. Wear comfortable clothing on the day of the procedure and bring items for you to use during your stay, such as reading material, iPad etc. You may also bring small amount of food and drink. Tea and coffee facilities will be available.
2. You will need to be well hydrated: try to drink at least two to three glasses of water before arriving at the hospital.
3. Present to Radiology Reception 1, Tulloch Building Level 3. On arrival you will be given a 'Quality of Life' questionnaire to complete (if not already performed).
4. You will then be taken into the treatment area. The doctor will explain the procedure to you again, answer any questions you may still have, and you will be asked to sign a consent form.
5. Your temperature, pulse and blood pressure will be taken.
6. A cannula will be inserted (a small tube is put into a vein in your arm to administer Lu-PSMA).
7. The Lu-PSMA will then be administered via a special pump over 10-15 minutes by the doctor.

## AFTER TREATMENT

1. Following the Lu-PSMA injection you will be given some more fluids through the cannula.
2. Your well-being will be assessed and your temperature, pulse & blood pressure will be taken again.
3. You will be encouraged to sit on the toilet to empty your bladder regularly while you are in the department.
4. You will then be offered something to eat.
5. Your radiation levels will be monitored. You will be allowed to leave the facility when your radiation levels are considered safe as per local radiation protection regulations. This is usually between 2 to 4 hours.
6. When you are allowed to leave, you will still have a small amount of radiation and you are required to take certain precautions in order to minimise radiation exposure to other people around you (see **Radiation Safety Instructions**).
7. The following morning images will be taken on the nuclear medicine SPECT-CT scanner to check the distribution of the dose in **Nuclear Medicine, Suite 306, San Clinic**.

## CONTACT OUR SAN RADIOLOGY & NUCLEAR MEDICINE TEAM FOR MORE INFORMATION:

- **Enquiries:** (02) 9480 9850 or [theranostics@sah.org.au](mailto:theranostics@sah.org.au)
- **Appointments:** (02) 9480 9840