



Review your center readiness for Radioligand Therapy (RLT)

Facility and Infrastructure

1. What is the current infrastructure available for radiopharmaceutical handling and administration at your facility?
2. Do you have a dedicated radiopharmacy laboratory? If so, can you describe its features and safety measures?
3. What type of radiation shielding and safety equipment do you have in place?
4. Is there a designated administration room for RLT, and how is it equipped?
5. Does your facility treat RLT patients as in-patients, out-patients, or both?
6. What is the capacity of your facility for in-patient RLT treatment?
7. What is the average length of stay for in-patient RLT treatment in your facility?
8. Is your infrastructure adapted to the handling of specific RLT isotopes, such as alpha-, beta- or gamma-emitting radionuclides?

Staff Training and Expertise

1. What is the level of training and experience of your staff with radiopharmaceuticals, especially with RLT?
2. Do you have a nuclear medicine physician and radiopharmacist on staff? Can you describe their qualifications?
3. How do you ensure ongoing training and education for your staff regarding new RLT protocols and safety procedures?
4. Do you have trained and licensed nurses/technologists available for RLT administration and patient monitoring?

Regulatory Compliance and Licensing

1. Are your procedures in line with the local and national regulations for radiopharmaceuticals?
2. Do you have the necessary licenses for storing and handling therapeutic radiopharmaceuticals?
3. How do you manage radiation safety and waste disposal in line with regulatory standards?

Clinical Protocols and Patient Care

1. Can you describe the protocols you have in place for patient selection, dosing, and monitoring for RLT?
2. How do you manage patient preparation and follow-up care for RLT?
3. Do you have protocols for emergency situations related to radiopharmaceutical administration?

Equipment and Quality Control

1. What equipment do you have for the preparation, administration, and monitoring of RLT?
2. How do you ensure quality control and sterility of radiopharmaceuticals?
3. Do you use infusion pumps or automatic injection systems for RLT administration?
4. Do you have protocols in place for troubleshooting equipment issues and managing injection-related incidents (e.g., extravasation, contamination)?
5. Are there designated waste collection and storage systems for RLT-specific radioactive waste?

Health System Integration and Service Provision

1. How is RLT integrated into your overall cancer care services?
2. Do you collaborate with other departments or external partners for RLT services?
3. What is the referral process for patients needing RLT at your facility?
4. Are multidisciplinary tumor boards in place at your facility? If so, which ones regularly include RLT discussion?
5. Is an RLT expert a regular participant in your institutional tumor boards?
6. Are patients referred from external centers required to be reviewed by your institutional tumor board before receiving RLT?

Patient Experience and Support

1. How do you manage patient education and consent for RLT?
2. What support services are available for patients undergoing RLT at your facility?

Data Management and Health Information

1. How do you collect and manage data related to RLT treatments?
2. Do you have a system for tracking patient outcomes and treatment efficacy?

Financial and Insurance Considerations

1. How do you handle the financial aspects of RLT, including insurance and reimbursement?
2. What is the cost structure for RLT services at your facility?

Future Planning and Development

1. What are your plans for expanding or enhancing RLT services in the future?
2. How do you stay updated with the latest developments and research in RLT?