QUESTIONS FOR THE WEEKLY ACTIVITY

1. Explain basics of radionuclide therapy?
2. List the requirements for a therapeutic radionuclide?
3. Explain mechanism of action of ionizing radiation in radionuclide therapy?
4. List indications for radioiodine therapy of malignant thyroid disease?
5. Explain patient preparation for radioiodine therapy of malignant thyroid disease?
6. List contraindications and side effects of radioiodine therapy in malignant thyroid disease?
7. Explain basics of neuroendocrine tumors (NETs)?
8. List types and grades of NETs?
9. Explain patient selection for PRRT?
10. List side effects of PRRT?
11. Explain basics of 131-I-mIBG therapy?
12. Explain patient preparation for 131-I-mIBG therapy?
13. Radionuclide therapy of prostate cancer?
14. Nuclear Medicine Applications in Prostate Cancer?
15. Explain treatment protocols for Lu-177-PSMA therapy?
16. Explain radionuclide therapy of bone metastases?
17. Explain radionuclide treatment of polycythaemia vera?
18. Explain Selective Internal Radio-Therapy (SIRT) liver tumors?
19. Explain basics of radioimmunotherapy?