QUESTIONS FOR THE WEEKLY ACTIVITY

1. List radiopharmaceuticals used for measuring regional cerebral blood flow?
2. Explain the use of Xe-133 for quantitative regional cerebral blood flow?
3. Explain SPECT and PET brain imaging in the evaluation of cerebrovascular disease?
4. Explain use of SPECT and PET brain imaging in the evaluation of dementia?
5. Explain SPECT Brain Imaging in the Evaluation of Brain Tumors?
6. Explain PET Brain Imaging in the Evaluation of Brain Tumors?
7. List advantages and limitations of FDG in neurooncologic PET examinations?
8. Aminoacid tracers in neurooncologic PET examinations
9. SPECT and PET brain imaging in the evaluation of seizure disorders?
10. Cerebral Angiography 99mTc pertechnetate scan?
11. Radionuclide cerebrospinal fluid flow studies?
12. Brain death scintigraphy?
13. SPECT and PET imaging of the dopamine system in movement disorders?
14. Explain diagnostic utility of dopamine PET and SPECT?
15. PET and SPECT imaging techniques of neurotransmission systems?