

ABSTRACT TOPIC LIST - Technologists
(revised April 2018)

2. PET/CT Physics & Instrumentation & Data Analysis

- 2.1. General Instrumentation, Quality Assurance, Performance and Standardization
- 2.2. Image Reconstruction & Data Analysis

3. PET/MR Physics & Instrumentation & Data Analysis

- 3.1. General Instrumentation, Quality Assurance, Performance and Standardization
- 3.2. Image Reconstruction & Data Analysis

4. SPECT & SPECT/CT Physics & Instrumentation & Data Analysis

- 4.1. General Instrumentation, Quality Assurance, Performance and Standardization
- 4.2. Image Reconstruction & Data Analysis

5. Non Imaging Studies

- 5.1. Probes and counters
- 5.2. Radioimmunoassays
- 5.3. Basic science
- 5.4. Other topics

6. Radiopharmaceuticals & Radiochemistry

- 6.1. Radiopharmaceuticals SPECT
- 6.2. Radiopharmaceuticals PET
- 6.3. General Radiopharmacy
- 6.4. Basic science

7. Cardiac Imaging

- 7.1. MPI studies
- 7.2. PET Imaging
- 7.3. Cardiac infection
- 7.4. Other topics

8. Neurological Brain Imaging

- 8.1. Brain Perfusion
- 8.2. Dementia specific targets
- 8.3. Movement disorder
- 8.4. Benign pathologies
- 8.5. Other topics

9. Oncology, Diagnosis

- 9.1. SPECT-CT oncology studies
- 9.2. FDG PET-CT/MR
- 9.3. non-FDG PET-CT/MR
- 9.4. Sentinel Node and lymphoscintigraphy
- 9.5. Dedicated Breast Imaging
- 9.6. Other topics

10. Radionuclide Therapy

- 10.1. MIBG and Peptide Therapy
- 10.2. Radioimmunotherapy (RIT)
- 10.3. Thyroid
- 10.4. Bone Metastases - Pain Palliation
- 10.5. Local Radionuclide Treatment
- 10.6. Other topics

11. Endocrinology Studies

- 11.1. Thyroid and parathyroid Imaging and Quantification
- 11.2. Other topics

12. Lung Imaging

- 12.1. Perfusion and ventilation studies
- 12.2. PET-CT for lung study
- 12.3. Other topics

13. Gastrointestinal Imaging

- 13.1. GI bleeding, Meckel's Diverticulum study
- 13.2. Gastroesophageal reflux, gastric emptying, liver/spleen scan, liver haemangioma
- 13.3. Other topics

14. Uro-nephrology Imaging

- 14.1. GammaCystography
- 14.2. Dynamic Renal Scintigraphy (MAG3/DTPA)
- 14.3. Renal Scintigraphy (DMSA)

15. Musculoskeletal Imaging

- 15.1. Bone Scintigraphy
- 15.2. Inflammation/Infection
- 15.3. DEXA

16. Radiation Exposure & Protection

- 16.1. Dose optimization & Dose reduction
- 16.2. Imaging/Therapy Dosimetry
- 16.3. Internal Dosimetry
- 16.4. Staff radiation protection

17. Logistic

- 17.1. Patient Care
- 17.2. Quality and Department Management
- 17.3. Other topics