

**ABSTRACT TOPIC LIST - Technologists**  
(revised November 2018)

- 1. PET/CT Physics & Instrumentation & Data Analysis**
  - 1.1. General Instrumentation, Quality Assurance, Performance and Standardization
  - 1.2. Image Reconstruction & Data Analysis
- 2. PET/MR Physics & Instrumentation & Data Analysis**
  - 2.1. General Instrumentation, Quality Assurance, Performance and Standardization
  - 2.2. Image Reconstruction & Data Analysis
- 3. SPECT & SPECT/CT Physics & Instrumentation & Data Analysis**
  - 3.1. General Instrumentation, Quality Assurance, Performance and Standardization
  - 3.2. Image Reconstruction & Data Analysis
- 4. Non Imaging Studies**
  - 4.1. Probes and counters
  - 4.2. Radioimmunoassays
  - 4.3. Basic science
  - 4.4. Other topics
- 5. Radiopharmaceuticals & Radiochemistry**
  - 5.1. Radiopharmaceuticals SPECT
  - 5.2. Radiopharmaceuticals PET
  - 5.3. General Radiopharmacy
- 6. Cardiac Imaging**
  - 6.1. MPI studies
  - 6.2. PET Imaging
  - 6.3. Cardiac infection
  - 6.4. Other topics
- 7. Neurological Brain Imaging**
  - 7.1. Brain Perfusion
  - 7.2. Dementia specific targets
  - 7.3. Movement disorder
  - 7.4. Benign pathologies
  - 7.5. Other topics
- 8. Oncology, Diagnosis**
  - 8.1. SPECT-CT oncology studies
  - 8.2. FDG PET-CT/MR
  - 8.3. Non-FDG PET-CT/MR
  - 8.4. Sentinel Node and Lymphoscintigraphy
  - 8.5. Dedicated Breast Imaging
  - 8.6. Other topics
- 9. Radionuclide Therapy**
  - 9.1. MIBG and Peptide Therapy
  - 9.2. Radioimmunotherapy (RIT)
  - 9.3. Thyroid
  - 9.4. Bone Metastases - Pain Palliation
  - 9.5. Local Radionuclide Treatment
  - 9.6. Other topics
- 10. Endocrinology Studies**
  - 10.1. Thyroid and parathyroid Imaging and Quantification
  - 10.2. Other topics
- 11. Lung Imaging**
  - 11.1. Perfusion and ventilation studies
  - 11.2. 18PET-CT for lung study
  - 11.3. Other topics
- 12. Gastrointestinal Imaging**
  - 12.1. GI bleeding, Meckel's Diverticulum study
  - 12.2. Gastroesophageal reflux, gastric emptying, liver/spleen scan, liver haemangioma
  - 12.3. Other topics
- 13. Urology Imaging**
  - 13.1. GammaCystography
  - 13.2. Dynamic Renal Scintigraphy
  - 13.3. Renal Scintigraphy (DMSA)
- 14. Musculoskeletal Imaging**
  - 14.1. Bone Scintigraphy
  - 14.2. Inflammation/Infection
  - 14.3. DEXA
- 15. Radiation Exposure & Protection**
  - 15.1. Dose optimization & Dose reduction
  - 15.2. Imaging/Therapy Dosimetry
  - 15.3. Internal Dosimetry
  - 15.4. Staff radiation protection
  - 15.5. Other topics
- 16. Logistic**
  - 16.1. Patient Care
  - 16.2. Quality and Department Management
  - 16.3. Other topics