ABSTRACT TOPIC LIST - Technologists (revised Nov 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 Radioimmunassays
   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 [18F]FDG PET/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