

SPECT CT (Virtual) (5 days) CODE: SPECTCT5



TRAINING CONTENT:

- Molecular Imaging Principle.
- SPECT CT.
- Quality Assurance.



TARGET GROUP:

- X-Ray Technologist.
- Student in Medical Imaging.
- Nuclear Medicine Doctors
- Resident in Nuclear Medicine

Training Material :

- Documents

PREREQUISITE:

- General Knowledge in CT.

DURATION:

- 5 days (15:00-20:00): Virtual



Detailed Training Program

Day 1: 15h00 - 20h00

- System Hardware overview
- System handling
- MI Apps
- Daily restart procedure
- Daily CT Quality Control Procedures
- Daily SPECT Quality Control Procedures
- System Shutdown and Cleanup
- Patient Registration

Day 2 : 15h00 - 20h00

- Patient Browser
- DICOM Protocol
- UI Task cards (Examination, Viewing, 3D, Filming)
- SPECT Physics
- CT Physics
- Hot lab and radiopharmaceutical preparation
- Patient preparation and injection

Day 3: 15h00 - 20h00

- Workflow overview
- SPECT Examination Configuration
- SPECT CT Activities
- SPECT Acquisition and Reconstruction
- Parameters
- CT Acquisition and Reconstruction Parameters
- CT Dose

Day 4 : 15h00 - 20h00

- General Acquisition and Processing
- Cardiac Acquisition and Processing
- Syngo.via introduction

Day 5 : 15h00 - 20h00

- Preparing the system for quantification scans
- Quantification Exams
- Syngo.via Reading
- Syngo.via MI



TRAINING FEES:

- 300,00 USD for medical imaging students.
- 500,00 USD for residents and technicians in Radiology.
- 600,00 USD Nuclear Medicine Doctors.