

PET CT (5 days) CODE : PETCT5



TRAINING CONTENT:

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



TARGET GROUP:

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

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
- Daily restart procedure
- Daily CT Quality Control Procedures
- Daily PET Quality Control Procedures
- System Shutdown and Cleanup
- PET Examination Configuration
- Patient Browser
- Patient Registration

Day 2 : 15h00 - 20h00

- PET Physics
- CT Physics
- UI Task cards (Examination, Viewing, 3D, Filming, TrueD)
- Hot lab and radiopharmaceutical preparation
- Patient preparation and injection
- PET CT dose and dose reduction techniques
- Radiation protection

Day 3 : 15h00 - 20h00

- PET Acquisition and Reconstruction Parameters
- CT Acquisition and Reconstruction Parameters
- Exam Acquisition Procedure
- PET Exams mode
- Syngo.via introduction

Day 4 : 15h00 - 20h00

- Oncology Patients Acquisition
- Oncology Protocols
- Cardiac Patients Acquisition
- Cardiac Protocols
- TrueD

Day 5 : 15h00 - 20h00

- Syngo.via Oncology
- Syngo.via Cardiology
- Syngo.via Templates



TRAINING FEES:

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