



Training Title : Nuclear Medicine Training SPECT-CT

Duration : 7 Days

Target group : Nuclear Medicine Technologists and Doctors

Pre-requisites : General knowledge in Nuclear Medicine

1st day :

- 1- Hardware NM
 - Acquisition Unit ;
 - The camera ;
 - Options ;
 - System manipulation.
- 2- Software NM
 - esoft ;
 - Syngo ;
 - Different workflow types ;
 - The required steps to complete an acquisition ;
 - Different acquisition types ;
 - Acquisition activities ;
 - Acquisition activities parameters ;
 - Manipulation of patient data (Edit, fusion, transfert, burn...).
- 3- MN Quality Control Manual / Automatic
 - Daily quality control ;
 - Weekly quality control ;
 - Monthly quality control.

2nd day :

- 1- Summary of Day 1 ;
- 2- CT Hardware
 - Acquisition unit ;
 - The CT scanner ;
 - Options ;
 - System manipulation.
- 3- CT Software
 - Acquisition parameters ;
 - Processing parameters ;
 - Different workflow description.
- 4- CT Daily quality control ;
- 5- CT Physics.

3rd day :

- 1- Summary of Day 2 ;
- 2- Processing unit description ;
- 3- The different processing types ;
- 4- Processing activities ;
- 5- Processing activities parameters.



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4th day :

- 1- Summary of Day 3 ;
- 2- Hybrid imaging ;
- 3- Acquisition and processing SPECT-CT workflows ;
- 4- Acquisition of SPECT-CT exams ;
- 5- Processing of SPECT-CT exams ;
- 6- Processing activities parameters.

5th day :

- 1- System options ;
 - cardiaque quantification (Cedars, Corridor) ;
 - Half-Time Imaging acquisition and processing ;
 - IQ SPECT ...
- 2- Practice with technologists and doctors.

6th day :

- 1- Creating site-specific workflows;
- 2- Arrangement of workflows according to categories;
- 3- Practice with technologists and doctors.

7th day :

- 1- Training summary ;
- 2- Practice with technologists and doctors.