

CT DualEnergy (2 days) CODE: CTDE2



TRAINING CONTENT:

- Dual Energy Principle.
- Different acquisition techniques.
- Acquisition Protocols.
- Dual energy Post-Processing (Bone Removal Head & body, Kidney Stones, Gout, Heart Perfusion, Pulmonary Embolism, Hard Plaques, Haemorrhage, Virtual Non Contrast).



TARGET GROUP:

- X-Ray Technologist.
- Student in Medical Imaging.
- Radiologist
- Resident in Radiology

Training Material :

- Documents

PREREQUISITE:

- General Knowledge in X-Ray and CT.

DURATION:

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



Detailed Training Program

Day 1: 15h00 - 20h00

- Principle of dual Energy (DE).
- Acquisition Techniques in Dual Energy (DE).
- Optimum Contrast.
- Mono-Energetic.
- Principle & Acquisition DE Bone Removal (Brain & Body).
- Evaluation DE Bone Removal.
- Principle & Acquisition DE Kidney Stones.
- Evaluation DE Kidney Stones.

Day 2 : 15h00 - 20h00

- Principle & Acquisition DE Gout.
- Evaluation DE Gout.
- Principle & Acquisition DE Heart Perfusion.
- Evaluation DE Heart Perfusion.
- Principle & Acquisition DE Pulmonary Embolism.
- Evaluation DE Pulmonary Embolism.
- Principle & Acquisition DE Hard Plaques.
- Evaluation DE Hard Plaques.
- Principle & Acquisition DE Hemorrhage.
- Evaluation DE Hemorrhage.
- Principle & Acquisition DE Virtual Non Contrast.
- Evaluation DE Virtual Non Contrast.



TRAINING FEES:

- 150,00 USD for medical imaging students.
- 200,00 USD or residents and technicians in Radiology.
- 300,00 USD for Medical Radiologists.