

MR Advanced Neuro (5 days) Code: MRNEURO5



TRAINING CONTENT:

- Diffusion.
- Tractography.
- Perfusion.
- Bold.
- Spectroscopy.



TARGET GROUP:

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

Training Material :

- Documents

PREREQUISITE:

- General Knowledge in MRI.

DURATION:

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



Detailed Training Program

Day 1: 15h00 - 20h00

- MRI Basics.
- Spin Echo Sequence.
- Spin Echo Sequence Weighting.
- K-Space.
- Mapping T1, T2 et T2*.

Day 2: 15h00 - 20h00

- Principle of Diffusion.
- Evaluation of Diffusion Syngo Classic.
- Evaluation of Diffusion Syngo Via.
- Principle of Tractography.
- Evaluation of Tractography Syngo Classic.
- Evaluation of Tractography Syngo Via.

Day 3: 15h00 - 20h00

- Principle of Perfusion T2* (DSC).
- Evaluation Perfusion T2* Syngo Via.
- Principle of Perfusion T1 (DCE).
- Evaluation Perfusion T1 Syngo Via.
- Principle of Perfusion ASL.
- Evaluation Perfusion ASL.

Day 4: 15h00 - 20h00

- Basics of spectroscopy.
- Acquisition of spectroscopy.
- pre-processing in spectroscopy.
- Metabolites.
- Brain Spectroscopy.
- Prostate Spectroscopy.

Day 5: 15h00 - 20h00

- Breast Spectroscopy.
- Evaluation Spectroscopy Syngo Classic.
- Evaluation Spectroscopy Syngo Via.
- Principle of Bold (fMRI).
- Acquisition Bold (fMRI)
- Evaluation Bold (fMRI)



TRAINING FEES:

- 300,00 USD for medical imaging students.
- 500,00 USD or residents and technicians in Radiology.
- 600,00 USD for Medical Radiologists.