

MRI Quality Assurance (3 days) CODE : MRQUALITE3



TRAINING CONTENT:

- MR Basics
- Spin Echo Sequence
- Image Quality Parameters
- Artifacts.
- MR System Components.
- MR Safety.
- Start-Up, shimming and calibration
- Quality Control.



Target Group:

- Biomedical Technologist.
- Biomedical Engineers.

Training Support :

- Documents

PREREQUISITE:

- General Knowledge in Electronics.

DURATION:

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



Detailed Training Program

Day 1: 15h00 - 20h00

- MR Basics.
- Spin Echo Sequence.
- Spin Echo Sequence Weighting.
- K space.
- Fat Sat Techniques.
- MR Safety.

Day 3: 15h00 - 20h00

- MR System Components.
- Shimming
- Calibration.
- Manufacture Quality Control.
- ACR Quality Control.

Day 2: 15h00 - 20h00

- Image Quality Criteria's.
- Contrast.
- Spatial Resolution.
- Acquisition Time.
- Signal to Noise Ratio.
- Metal Artifact.
- Aliasing Artifact.
- Movement Artifact.
- Chemical Shift Artifact.
- Truncation & Magnetic Susceptibility Artifact.



TRAINING FEES:

- 250,00 USD for Biomedical Students.
- 450,00 USD for Engineers.