



Neuroimaging Course



Advanced Neuroimaging Course

Are you ready to unlock the mysteries of advanced neuroimaging techniques? Do you want to be at the cutting edge of high-yield diagnostic neuroradiology? Now is your chance! Enroll in our exclusive course and embark on a journey that will transform your understanding of this new era of neuroimaging science.



What Is It About?

Advanced neuroimaging is our gateway to the brain's uncharted territories. These state-of-the-art technologies not only enhance our comprehension of brain function and structure in health and disease, but also propel diagnostic neuroimaging into limitless possibilities.

Gone are the days of one-size-fits-all treatments. With advanced neuroimaging, personalized medicine becomes a reality. By visualizing CNS pathology in exquisite detail, we can tailor interventions for mental disorders, neurodegenerative diseases, demyelination, inflammation, infections, brain injuries, and tumors; with unprecedented precision leading to faster recovery times and improved quality of life for millions.

Learn From the Expert

Our instructor (Dr. Khaled Gad) is a consultant neuroradiologist with 15 years' clinical experience post MD-PhD certification. He is a leading expert in advanced neuroimaging with training/fellowship background spanning over four years in the United States at both Johns Hopkins Neuroradiology and Virginia Tech neuroimaging laboratory. He is also certified as a fellow of the Royal College of Radiologists (FRCR). Dr. Gad holds a master's degree in advanced neuroimaging from UCL's prestigious Queen Square Institute of Neurology in London.

While armed with a master's degree in health professions education from Maastricht University, he is passionately dedicated to inspiring and educating the next generation of radiology professionals. Benefit from his knowledge, insights, and clinical experience.

What You'll Gain

In-depth Knowledge: Understand the principles and applications of various advanced neuroimaging techniques.

Practical Skills: Interpret and analyze advanced neuroimaging studies with confidence.



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Innovative Insights: Explore the latest discoveries and future directions in neuroimaging.

Professional Growth: Enhance your resume with sub-specialization in a rapidly evolving field.

Course Agenda

- 1) Diving into surface and functional anatomy of the brain.
- 2) Radiogenomics and molecular classification of brain tumors: Speak as a Geneticist.
- 3) Perfusion Techniques Unleashed: Journey through DSC, DCE, ASL, and CTP
- 4) Magnetic Resonance Spectroscopy and a bit more!
- 5) The art and beauty of Diffusion Tensor Imaging.
- 6) BOLD fMRI and presurgical mapping: Illuminate the Neurosurgeon's path.
- 7) Miscellaneous techniques: CSF flow studies, MEG, VBM, PCCT, AI, ... etc.
- 8) Multi-modal neuroimaging: A case-based review using integrative approaches.

More details about the course

- Online Course
- No. of Sessions: 8 for an hour
- Every Saturday at 7:00 PM Cairo Time (Starting from 22 June)
- Certificated by: ESRNM, Medicaspace.com and Dr. Khaled Gad

Course Fee:

- ❖ 4000 pounds for Egyptians
- ❖ \$100 for non-Egyptians

Ways of payment:

- ❖ **Vodafone Cash:** 01011912099
- ❖ **InstaPay:** 01227464806
- ❖ **Western Union:** OSAMA HELMY ABDELLATIF SHAALAN, Passport No. A32261656

Note: Kindly send a screenshot of payment to wa.me/201011912099 and fill this form:

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