

AHMED WAFAIE

MBBCh, M.Sc., MD, FRCR

CLINICAL RADIOLOGY

**Consultant Radiologist (CT, MRI, PET/CT and
conventional radiology)**

**Professor of Radiology, Faculty of medicine, Cairo
University**

AHMED MOHAMED WAFAIE ABD EL-SHAFY

PERSONAL PARTICULARS

Birth Date: 5 August 1971
Present Address: 7th Shaheen St., Al-Agoosa, Giza, Egypt.12311.
E-mail: a_wafaie@yahoo.com (personal)
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GMC number: 7005778

PMETB certification date: 19 July 2007

Qualifications:

- MBBCh, Faculty of medicine, Cairo University 1994
- M.Sc. clinical radiology, Faculty of medicine, Cairo University 1999
- MD clinical radiology, Faculty of medicine, Cairo University 2003
- FRCR in 2005
- M.Sc. in Logistics of Hospitals Management, Arab Academy for Science Technology and Maritime, Alexandria, Egypt 2013

Clinical Skills:

- Competent in conventional radiology, CT and MRI (musculo-skeletal, neuroradiology, chest radiology, genito-urinary, gastrointestinal radiology and paediatric imaging). Received 7 years training in these fields and worked as consultant from 2003 till now
- Competent in PET/CT: Consultant for about 10 years (Nasser Institute hospital, Egypt and Dokki Scan)for more than 12000 cases

Education: update my knowledge by regular attendance of national and international conferences as well as educational courses

Research: 18 publications in addition to many oral and poster presentations. **ORCID:** Ahmed Wafaie: <https://orcid.org/0000-0003-3089-9240>

Teaching: for under and post-graduates and radiology technicians from 2004 till now

Held double governmental posts in Egypt as a medical director of the radiology department in Nasser Institute Hospital (largest public hospital in Egypt) and current professor in Faculty of medicine, Cairo University

Private work experience as radiology consultant both in Egypt and abroad
Eager to upgrade my scientific knowledge and clinical skills

MEDICAL REGISTRATIONS AND LICENCES

Medical Specialty: Clinical Radiology

- 1. UK:** Full specialist registration in General Medical Council (GMC) from 29 May 2008 valid till now. GMC Reference Number is 7005778. May work at any grade in the NHS including consultant according to the registration type.
- 2. Dubai, UAE:** Full specialist registration in Dubai, United Arab Emirates (UAE) from 19 March 2006. Medical License Number is 20061447066233. Completed the new DHA health regulation licensing application.
- 3. EGYPT:** Full medical registration in Ministry of Health, Egypt from 12 March 1996, under No: 123883 valid till now. Registered as a consultant in Clinical Radiology in Egyptian Medical Syndicate from 4 November 2007, under No: 119683-274 valid till now.

EDUCATION & QUALIFICATIONS

2011 – 2013	Master degree in Logistics of Hospitals Management, Arab Academy for Science Technology and Maritime Transport: Alexandria, Egypt. M.Sc. Thesis: “The role of Hospital information system in improving the performance of Egyptian public hospitals”.
July 2007	Certificate of eligibility for registration from postgraduate medical education and training board (PMETB) - UK
OCT. 2005	Final part B of the fellowship of Royal College of Radiologists (FRCR), London.
MARCH 2005	Final part A of the fellowship of Royal College of Radiologists (FRCR), London.
DEC. 2004	First part of the fellowship of Royal College of Radiologists (FRCR), London.

- 1999 – 2003** **Medical Doctorate degree (M.D.) in Radiology**, Radiology department, Faculty of Medicine, Cairo University, Egypt.
M.D. Thesis: “Role of ultrasonography versus other imaging modalities in cases of swollen ankles”.
- 1996 – 1999** **Master of Science in Radiology**, Radiology department, Faculty of Medicine, Cairo University, Egypt. *With a graduation merit of Very good.*
- M.Sc. Thesis: “Role of transrectal ultrasound and color Doppler imaging in detection of prostate cancer”.
- 1988 – 1994** **M.B.B.Ch**, Faculty of Medicine, Cairo University, Egypt. *With a graduation merit of Excellent* with high honour degree.
- 1984 - 1987** **High School Diploma** , El Maadi Secondary School, Egypt. Percentage: 91.50% (among the top 100 students in Egypt)

**PROFESSIONAL EXPERIENCE
AND RADIOLOGY POSTS** _____

Governmental work

From Feb 2010 **Department of Radiology, Nasser Institute Hospital,
Ministry of Health, Cairo, Egypt**

Medical Director (from 20/2/2010 till 2016) then Consultant:

- *The largest radiology department in Ministry of health*
- *Has the latest equipments in Radiology (4 multislice CT including Aquilion One, 2 MRI machines, PET/CT, 4 US and 2 Color Doppler machines, digital mammography , CT panorama, in addition to conventional and interventional radiology*
- *Working also as consultant in PET/CT, MRI and the multidetector- 320 CT (Aquilion One) in addition to conventional radiology*

From May 2014 **Radiology department, Faculty of Medicine,
Cairo University, Egypt
(The largest medical school in Egypt)
Professor (from 22/5/2014 till now)**

From Feb 2009 **Radiology department, Faculty of Medicine,
Cairo University, Egypt
Assistant professor (from 26/2/2009 till May 2014)**

- 2004-2009** **Radiology department, Faculty of Medicine, Cairo University, Egypt**
Lecturer (from 31/3/2004 to 25/2/2009)
- 1999-2004** **Radiology department, Faculty of Medicine, Cairo University, Egypt**
Clinical demonstrator then Assistant Lecturer
(from 23/12/1999 to 30/3/2004)
- 1996 – 1999** **Radiology department, Faculty of Medicine, Cairo University, Egypt**
Resident from 16/3/1996 to 15/3/1999 then extended the training till 22/12/1999
- 1995-1996** **Faculty of Medicine, Cairo University, Egypt**
House officer from 1/3/1995 to 28/2/1996
In Radiodiagnosis, General Surgery, Gyn. & Obs., Paediatrics, General Medicine departments, each for 2 months, and in Emergency Medicine and Anesthesia, each for 1 month.

Private work experience

- 2004-2012** **Dokki Radiology Center (Dokki Scan), Egypt**
Consultant radiologist (conventional radiology, CT, MRI and PET-CT) From October 2004 till now.
- 2002-2004** **Cairo Radiology Center (Cairo Scan), Egypt**
Radiology/Specialist then Consultant
- Report writing (conventional radiology, CT and MRI) under the supervision of a senior consultant and a visiting Neuroradiologist professor (Prof. Mokhtar Gado) from St. Louis, Washington University (during the summer)
 - Diagnostic angiography & Radiological techniques
 - Participation in regular scientific meetings
- AUGUST 2009** **Riyadh Military Hospital (RMH), KSA**
Locum consultant for one month
- Consultant in neuro-radiology department.
 - The department is considered the most updated and specialized neuro-radiology centres in Saudi Arabia.

- The department is equipped with the most advanced machines including GE 3T MRI with all software capabilities, 64 channel CT scan and the latest version of GE PACS system

2006-2008

Locum jobs as a consultant radiologist in Alfa Medical Group and International Modern Hospital, Dubai, UAE.

- For one month each year
- Responsible for all kinds of radiological examinations including plain X-ray, CT scan, MRI, US and DXA

AUG.-OCT.2004 Hamad Medical Corporation (HMC), Qatar

The largest and the most highly equipped hospital in Qatar

- Locum for 6 weeks
- Performing all radiological procedures
- Report dictation within the HIS system of all radiological examinations including conventional radiography, US, CT, MRI and fluoroscopic studies
- Received training for PACS system
- Participation in regular scientific meetings

SKILLS

LANGUAGE SKILLS

Arabic: Mother tongue

English: Proficiency in spoken and written English
(IELTS Score of 7.5)

COMPUTER OPERATIONS

As for my knowledge about computers, I can confidently say that I am computer literate regarding:

- Microsoft Windows.
- Microsoft Word.
- Graphics and presentation by Power Point

RESEARCHES, PUBLICATIONS AND PRESENTATIONS

RESEARCHES:

Master's degree thesis "*The role of transrectal ultrasonography and color Doppler imaging in detection of prostate cancer*" 1998- 1999

Eli Lilly Egypt, clinical research project # H4Z-MC-JWXD titled "*phase 3 randomized double-blind evaluation of LY353381 compared with tamoxifen in women with locally advanced or metastatic breast cancer*" 2001- 2002

M.D. degree thesis "*Role of ultrasonography versus other imaging modalities in cases of swollen ankle*" 2000- 2003

PUBLICATIONS:

Meshref A.W., Abd El- Latif R.S., Wafaie A. and El-Mashad S.: Is there an advantage for color Doppler imaging over grayscale transrectal ultrasonography in the detection of prostate cancer?. Egyptian J. Radiol. & Nuc. Med. 31:1:249-260, 2000

Kassem H., Sakr M. and Wafaie A.: Evaluation of inner ear congenital and developmental lesions by HRCT and MRI. Egyptian J. Radiol. & Nuc. Med. 35:4:1779-1788, 2004

Kassem H., Wafaie A., Elsetouhy A., Sakr M. and Alam H.: Role of multi-detector CT in diagnosis of spontaneous rupture of hepatocellular carcinoma: A life-threatening condition. Egyptian J. Radiol. & Nuc. Med. 36:1:55-59, 2005

Kassem H., Wafaie A. and Abd El-Fattah M.: Different faces of moyamoya disease: evaluation by MRI, MRA with angiographic correlation. Egyptian J. Radiol. & Nuc. Med. 37:1:101-108, 2006

Sabri Y. Y. and Wafaie A.: Pulmonary Aspergillosis- CT features: A study of 25 cases. Med. J. Cairo University 75:2:307-316, 2007

Abuel Fadl S., Amin H., Abu Farha M., Wafaie A., and Rashed L.: Thioredoxin: A marker of oxidative stress in non alcoholic fatty liver disease and the relation to hepatic fat content as detected by abdominal CT. Egy. J. int. med. 19:4: 441-448, 2007

Abuel Fadl S., El Gendy D., Nawito Z., Wafaie A. and Rashed L.: Serum soluble tumor necrosis factor receptor p55 in viral cirrhosis and its relation to osteoporosis. Arabic J. Gastroent. 9(3):55-62, 2008

Shabana A., Gaballah A., Wafaie A., and Afifi A.: Role of Multislice CT in assessment of bowel ischemia. Egyptian J. Radiol. & Nuc. Med. 39(1):45-50, 2008

Kishk NA, Gabr H, Hamdy A, Afifi L, Abokresha N, Mahmoud H, Wafaie A and Bilal D: Case control series of intrathecal autologous bone marrow mesenchymal stem cell therapy for chronic spinal cord injury: Neurorehabil Neural Repair. 24(8):702-8, 2010

Zayed H, Effat D, Nawito Z, Abdou AA, El Din MN, El-Refaei S, Amin M, Mohamed Y, Amin A, Wafaie A and Abu El-Einin K: Silent central nervous system involvement in Egyptian Behçet's disease patients: clinical, psychiatric, and neuroimaging evaluation. Clin Rheumatol. 30(9):1173-80, 2011

Hussein HH, Abd El Khalek KM, Wafaie AM and Hafez YK: Brochopulmonary dysplasia in ventilated neonates: incidence and risk factors. Alexandria J. Paed.30 (1): 35-39, 2011

Kassem H, El Shiekh F, Wafaie A, Abdelfattah S, Farghaly H, Afifi L. Presurgical evaluation of refractory temporal lobe epilepsy: Comparison of MR imaging, PET and ictal SPECT in localization of the epileptogenic substrate. Egyptian J radiol Nuc med 44(3): 641-9, 2013

Wafaie A, Kassem H, Kotb M, Zeitoun R, Ismail S. Evaluation of the efficiency of FDG PET/CT in detection and characterization of skeletal metastases. Egyptian J radiol Nuc med 45(1): 181-90

Wafaie A, Aboumoussa A. The benefit of combining clinical and radiological assessments in diagnosis of inherited muscle diseases. Egyptian J radiol Nuc med 45(2): 477-84

Kassem H, Wafaie A, Abdelfattah S, Farid T. Leukoencephalopathy with brainstem and spinal cord involvement and lactate elevation (LBSL): assessment of the involved white matter tracts by MRI. Eur J Radiol. 83(1):191-6, 2014

Kassem H, Wafaie A, Alsuhibani S, Farid T. Biotin-responsive basal ganglia disease: neuroimaging features before and after treatment. AJNR Am J Neuroradiol. 35(10):1990-5, 2014

Wafaie AM, Moussa KM, Ebeid EM. Cancer of unknown primary origin: Can FDG PET/CT have a role in detecting the site of primary? Egyptian J radiol Nuc med 49(1): 190-95, 2018

Wafaie AM, Afifi LM, Moussa KM, Mansour AM, Abbas HM. Role of diffusion tensor imaging in carpal tunnel syndrome: A case control comparative study to electrophysiological tests and clinical assessment. Egyptian J radiol Nuc med 49(4): 1068-75, 2018

PRESENTATIONS:

- Radiological and CT anatomy of the larynx (Cairo Radiology center 1999).
- Differential diagnosis of soft tissue calcifications/ ossifications (Cairo Radiology center 2000).
- Role of TRUS and color Doppler imaging in prostate cancer (the international congress of ultrasonography and imaging AND the 5th international congress of ultrasonography in 2000).
- Magnitization transfer effects in MR detected multiple sclerosis lesions (the weekly meeting of radiology department , Cairo university in 2001)
- Role of PET in evaluation of gastrointestinal neoplasms (the weekly meeting of radiology department , Cairo university in 2001)
- Vanishing bone disease (Gorham’s disease), in Cairo Radiology center 2002.
- Extended field of view ultrasound (the weekly meeting of radiology department , Cairo university in 2003)
- CT differential diagnosis of focal renal lesions (the weekly meeting of radiology department , Cairo university in 2004)
- Hypothalamic hamartoma in children and its differential diagnosis (Cairo Radiology center 1999).
- CT and MRI findings of generalized cystic lymphangiomatosis in pediatric patients (the weekly meeting of radiology department , Cairo university in 2004)
- Ankle ultrasound: advantage and disadvantages in comparison with other imaging modalities especially MRI (2nd pan Arab congress of radiological imaging and ultrasonography AND in Hamad Medical Cooperation ,Doha, Qatar 2004).
- Shoulder Ultrasonography (Hamad Medical Cooperation ,Doha, Qatar 2004).
- Fungal infections of the chest (the weekly meeting of radiology department , Cairo university in 2006)
- Different presentations in various topics of Radiology in the weekly meeting of the Radiology department, Cairo University till now
- More than 50 teaching lectures covering MSK, neuroradiology and chest radiology for residents in Nasser Institute Hospital (Egypt) between 2010 and 2012 in the weekly radiology department meetings
- Poster presentation (EPOS) in ECR 2010 “Measurement of the calcaneal volume by ultrasonography: A new method for determination of bone age in children with stunted growth”

- Poster presentation (A Comparison between FDG PET/CT, CT and MRI in Detection of Spinal Metastases and Its Impact on Clinical Management) and educational exhibit (Schematic Approach to MRI Diagnosis of Inherited Muscle Diseases Based on Clinical Signs and Categorization) in RSNA 2014
- Oral presentations at ECR 2016 and annual meeting of ESRNM in 2016 (A comparative study between whole body diffusion imaging with background signal suppression (DWIBS) and FDG PET/CT in assessment of lymphoma patients)

MEETINGS AND COFERENCES

- Weekly meeting of the radiology department (on Wednesday), Faculty of medicine, Cairo university (Speaker/ Attendant).
- Yearly conference of the Radiology department, Faculty of medicine, Cairo University (Speaker / Attendant).
- Monthly meeting of radiology staff, Cairo Radiology Center (Cairo Scan), Speaker/ Attendant.
- International congress of ultrasound and radiology 2000, Egypt (Speaker).
- 5th international congress of ultrasonography in collaboration with British Medical Ultrasound society, 2000, Egypt (Speaker).
- Egyptian society for joint diseases and arthritis, 2002. (Attendant).
- 2nd pan Arab congress of radiological imaging and ultrasonography in collaboration with Hannover university & German society of ultrasonography, 2004, Egypt (Speaker)
- Egyptian society of women's imaging and health care, 2005 (Attendant).
- 2nd annual meeting of the Egyptian society of women's imaging and health care, 2006 (Attendant)
- The 7th annual international congress of Egyptian society of Back Pain, 2007 (Speaker)
- 3rd annual meeting of the Egyptian society of women's imaging and health care, 2007 (Attendant)
- The 9th Sheffield international conference on diagnostic imaging in liason with the 9th annual radiology conference- Cairo University, 2009, Egypt (Attendant)
- 10th Annual Radiology Conference, Faculty of medicine, Cairo University, 2010 (Attendant)
- 22nd European Congress of Radiology (ECR) 2010 , Presenter
- 11th Annual Radiology Conference, Faculty of medicine, Cairo University, 2011 (Attendant)

- The second neuroradiology seminar, Kasr El Aini Hospitals, Cairo University 2012 (Attendant)
- 12th Annual Radiology Conference, Faculty of medicine, Cairo University, 2012 (Attendant)
- 13th Annual Radiology Conference, Faculty of medicine, Cairo University, 2013 (Speaker)
- RSNA 2014 (presenter)
- 14th, 15th and 16th Annual Radiology Conference, Faculty of medicine, Cairo University, 2014 to 2016 (Attendant)
- 28th European Congress of Radiology (ECR) 2016 , Oral presenter for Scientific paper (B-0663)
- 53rd and 54th scientific conference of ESRNM with the African Society of Radiology in 2018 and 2019 (Attendant)

TEACHING ACTIVITY

- Passed successfully the training program for *Teaching Principles* which was held at Cairo University from 23/9/2000 to 12/10/2000.
- **Undergraduate teaching:**
 - Basic Radiology for medical students in faculty of medicine, Cairo University in the academic years 2006/2007
 - Basic Radiology for Nursing School students in academic years 2007/2008 and 2008/2009
- **Radiology technicians teaching:** CT and MRI examinations of the brain: Indications, Techniques, radiological anatomy and common pathologies. For CT and MRI technologists in Cairo Radiology Center, 2004.
- **Postgraduate teaching:**
 - Radiological anatomy & positioning (upper limb, shoulder girdle spine and ankle joint) and MRI physics for candidates of the first part, M.Sc. of clinical radiology, Cairo University from 2006 to 2018
 - Musculoskeletal Radiology, for candidates of the second part, M.Sc. and MD of clinical radiology, Cairo University from 2006 till now
 - Musculo-skeletal Radiology for candidates of Egyptian Diploma and Radiology Fellowship (Ministry of Health, Egypt) from 2007 to 2014.

-Weekly teaching lectures for radiology residents and specialists covering all fields of Radiology with film- reading sessions in Nasser Institute hospital (Egypt) from March 2010 till 2016

- Musculo-skeletal Radiology for postgraduate candidates in Libya (Tripoli and Ben Ghazi) in 2009

- **Postgraduate examiner:** for the first part, M.Sc. of clinical radiology, Cairo University (Egypt) from 2009 to 2012 and for the second part, M.Sc. of clinical radiology, Cairo University (Egypt) from 2010 to 2014. For the MD degree of clinical radiology, Cairo University (Egypt) from 2014 till now.

CONTINUOUS PRACTITIONAL DEVELOPMENT

- Attendance and participation in the weekly meeting of the radiology department (Cairo University) which is held by each unit of the department in rotation. It consists of the interesting cases done by the units in various modalities, case presentations and two lectures prepared by the assistant lecturers regarding the recent advances and important topic in the different fields of radiology.
- Participation in the research work which is essential for maintaining the university post and in promotion to assistant professor and professor posts. At least 8 articles should be published by the lecturer in the university in 5 years (at least two of which should be as a single author from the radiology specialty).
- Supervision of the M.Sc. and M.D. theses.
- Collection and archiving of the interesting and rare cases done in the radiology department and then send it (after writing brief review of literatures) to the digital library in the department.
- Attendance of the teaching and continuous education courses held by the university administration which are essential for maintaining the university post and for promotion to Assistant Professor and Professor posts.
- Attendance/ participation in the local and international radiology meetings/ conferences

REFERENCES

Prof. Dorria Salem (MD)

- Position:

-Professor of Radiology, Faculty of Medicine, Cairo University, Egypt.

-Senior Radiology consultant

-Former Consultant of the minister of health, Egypt

- Mobile (+2) 01222154306

-email dorriasalem@yahoo.com

Prof. Hany Sami (MD)

- Position:

-Professor and head of Radiology department, Faculty of Medicine, Cairo University, Egypt.

- Mobile (+2) 01223938566

- email haney_sami@yahoo.com

Dr. Amr Shabana (MD, FRCR)

- Position:

-Assistant Professor of Radiology, National Cancer Institute ,Cairo University, Egypt.

-Consultant Radiologist in Southport and Ormskirk Hospitals (UK) now.

- Mobile 00447587962816

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- email amr.shabana@nhs.net