

Dr. Laila Adel Mohsen, MD, FRCR

Personal Information:

Date of birth: 10/3/1977

Marital status: Married, has 3 children.

Phone number: 00971563747368 (mobile), 00447575017572 (mobile)

Email Address: dr.laila.adel77@gmail.com, Laila.adel@mu.edu.eg

Professional registration:

GMC registration: 7768938

Ministry of Health, UAE: D37020, registered as Consultant Radiologist.

Dubai Health Authority, UAE: 00123173

Ministry of Health, Egypt: 150749, registered as Consultant Radiologist.

Egyptian Medical Syndicate, Egypt: 147749.

Latest Post:

FT Locum Consultant Radiologist, Radiology Department, Darlington Memorial Hospital, Darlington, County Durham, UK.

Professional Career:

General Diagnostic Radiology, Diagnostic Neuroradiology, MSK and Paediatric Radiology.

Qualifications:

- 1. Bachelor of General Medicine and surgery (MBBCh), Minia University, Egypt, December 2001.**
- 2. Masters degree (MSc) of Diagnostic Radiology, Minia University, Egypt, 23 January 2006.**
- 3. Medical Doctorate degree (MD) of Diagnostic Radiology, Minia University, Egypt, 27 March 2012.**
- 4. Fellowship of the Royal College of Radiologists (FRCR): October 2021.**

Employment History:

- 5th September 2022 – 10th August 2024:**

Post title: FT Locum consultant radiologist.

Full time job, 10 PA with 1.5 SPA, 40 hours/week. Fixed term contract.

Radiology Department, Darlington Memorial Hospital, CDDFT, Darlington, County Durham, UK, DL3 6HX.

Clinical Lead: Dr. Robert H. Briggs

Brief job description:

- Clinical duties: Reporting & performing high quality diagnostic radiology services, including CT, MRI, ultrasound (including general, obstetrics & gynaecology and musculoskeletal) and plain film digital radiography. This service is provided to outpatients, inpatients and emergency patients.
- Leadership in Clinical Governance (participate and show leadership in all aspects of clinical governance within the Radiology Department and the Trust in general).
- Teaching/junior training: The Trust hosts the Regional IMAC training lab for Radiology Trainees across the North East on behalf of the School of Radiology, and is a recognised training provider for trainees via Health

Education North East. The Trust also provides undergraduate training for medical students from the University of Newcastle Medical School. I share FY2 / junior radiologists training duties with my colleagues. I also offer teaching lectures to radiographers.

- Multidisciplinary meetings: I regularly share in the paediatric and skin MDT meetings.

- **11th July 2018 – 11th July 2022:**

Post title: Consultant Radiologist.

Full time job, 48 hours/week, on-calls included. Fixed term contract.

University Hospital of Sharjah (UHS), Sharjah, UAE, PO Box: 72772.

Clinical Lead: Dr. Abdul Munhem Obaideen, Senior Consultant and HOD of Radiology (MDI) department.

Brief job description:

- Clinical duties: Daily reporting and performing of wide range of radiological examinations, including general radiography, fluoroscopy, CT, MRI, mammography and ultrasound studies. I performed and reported these studies independently. I offered these radiological services to outpatients, inpatients and emergency patients. I also had on call sessions as per the rota.
- Meetings: I attended and prepared cases for the monthly oncology MDT meeting. I also attended the departmental governance meetings regularly.
- Teaching: This hospital is affiliated to the University of Sharjah. I had teaching duties to medical students, mainly hospital-based teaching for year 5 MBBS students. The department is also a training centre for radiographers, and I sometimes offered them lectures and training. The

teaching duties were agreed in a separate sub-contract by the College of Medicine, University of Sharjah, according to the University regulations.

● **21th February 2015 – 15th June 2018:**

Post title: Specialist and Clinical Assistant Professor.

Full time job, 48 hours/week, on-calls included. Fixed term contract.

Radiology Department, Thumbay Hospital, Dubai, UAE, PO Box: 48450.

Clinical Lead: Dr. Tarek Fawzy, Specialist and HOD of Radiology Department.

Brief job description:

- Clinical duties: Daily reporting and performing of wide range of radiological examinations, including general radiography, fluoroscopy, CT, MRI, mammography and ultrasound studies. I performed and reported these studies independently. I offered these radiological services to outpatients, inpatients and emergency patients. I also had on call sessions as per the rota.
- Teaching: This hospital was also affiliated to the Gulf Medical University (GMU), Ajman, UAE. I had teaching duties to undergraduate students in the College of Medicine and College of Health sciences, where I offered them regular lectures.

● **18th June 2014 – 20th February 2015:**

Post title: Specialist A and Clinical Assistant Professor.

Full time job, 48 hours/week, on-calls included. Fixed term contract.

Radiology Department, Thumbay Hospital, Ajman, UAE, PO Box: 4184.

Clinical Lead: Dr. Tarek Fawzy, Specialist and HOD of Radiology Department.

Brief job description:

- Clinical duties: Daily reporting and performing of wide range of radiological examinations, including general radiography, fluoroscopy, CT, MRI, mammography and ultrasound studies. I performed and reported these studies independently. I offered these radiological services to outpatients, inpatients and emergency patients. I also had on call sessions as per the rota.
- Teaching: The hospital was affiliated to the Gulf Medical University (GMU), Ajman, UAE. I had teaching duties to undergraduate students in the College of Medicine and College of Health sciences, where I offered them regular lectures.

- **24th April 2012 – 17th June 2014:**

Post title: Lecturer.

Full time job, 40 hours/week. On-calls were extra duty, during which, I was third on-call.

Department of Diagnostic and Therapeutic Radiology, Minia University Hospital, Minia, Egypt.

Head of Department: Prof. Dr. Ashraf H. Al-Sherief, Professor and HOD of Radiology department.

Brief job description:

- Clinical duties: My duties included daily reporting and performing of wide range of radiological examinations, including general radiography, fluoroscopy, CT, MRI, mammography and ultrasound studies. I performed and reported these studies independently. I offered these radiological services to outpatients, inpatients and emergency patients.
- Teaching: This hospital was a tertiary centre, affiliated to the College of Medicine, Minia University, Egypt. I had teaching duty to junior

radiologists. The department didn't teach undergraduate students. I also shared in curriculum preparation for the Master's degree in Diagnostic Radiology, preparing timetables and training sessions.

- **30th August 2011 – 24th April 2012:**

Post title: Assistant Lecturer.

Full time job, 40 hours/week. On-calls are extra duty, during which, I was second on-call.

Department of Diagnostic and Therapeutic Radiology, Minia University Hospital, Minia, Egypt.

Supervisor and head of Department: Prof. Dr. Hosny S. A. Ghany, Professor and HOD of Radiology department.

Brief job description:

- Clinical: This was a higher training post. My duties included daily reporting of general radiography, fluoroscopy, CT, MRI and mammography, daily performing and reporting of ultrasound and fluoroscopy studies. I offered these radiological services to outpatients, inpatients and emergency patients. I performed and reported most of these studies independently. MRI and some other selected studies were reported under supervision.
- Teaching: This hospital was a tertiary centre, affiliated to the College of Medicine, Minia University, Egypt. I assisted the teaching and training of junior radiologists and prepared case studies for teaching/discussion in the weekly department meeting.

- **7th January 2010 – 28th August 2011:**

Post title: Research Associate.

Fellowship, funded by the Ministry of Higher Education and Research, Egypt.

University Department of Radiology, Cambridge University, Cambridge, UK, CB2 0QQ.

Supervisor: Prof. Jonathan H. Gillard, professor of Neuroradiology.

Brief description: I was on a study leave from my Egyptian post, to perform research work only. This research work was my MD thesis, a requirement of the MD degree. I also shared in other research projects and 2 clinical trials. I didn't do any clinical work.

- **31st May 2006 – 6th January 2010:**

Post title: Assistant Lecturer.

Full time job, 40 hours/week. On-calls are extra duty, during which, I was second on-call.

Department of Diagnostic and Therapeutic Radiology, Minia University Hospital, Minia, Egypt.

Supervisor and head of Department: Prof. Dr. Hosny S. A. Ghany, Professor and HOD of Radiology department.

Brief job description:

- Clinical: This was a higher training post. My duties included daily reporting of general radiography, fluoroscopy, CT, MRI and mammography, daily performing and reporting of ultrasound and fluoroscopy studies. I offered these radiological services to outpatients, inpatients and emergency patients. I performed and reported most of these studies independently. MRI and some other selected studies were reported under supervision.
- Teaching: This hospital was a tertiary centre, affiliated to the College of Medicine, Minia University, Egypt. I assisted the teaching and training of

junior radiologists and prepared case studies for teaching/discussion in the weekly department meeting.

- **5th March 2003 – 4th March 2006:**

Post title: Resident.

Full time job, 40 hours/week. On-calls are extra duty, during which, I was first on-call.

Department of Diagnostic and Therapeutic Radiology, Minia University Hospital, Minia, Egypt.

Supervisor and head of Department: Prof. Dr. Osama A. W. Khalil, Professor and HOD of Radiology department.

Brief job description: This was a core Radiology training post. My duties included daily reporting of general radiography, fluoroscopy and CT, performing and reporting of ultrasound and fluoroscopy studies. Emergency work is included in daily activity and on-calls. I performed and reported these studies under supervision.

Job Posts in terms:

1. **Resident:** Minia University hospital, Minia, Egypt (2003 -2006).
2. **Assistant Lecturer of Diagnostic Radiology:** Minia University hospital (2006 – 2009 then 2011 - 2012).
3. **Research Associate** of Neuro-imaging in university department of Radiology, Cambridge University, Cambridge, UK (2010-2011). This was a funded fellowship (funded by the Egyptian Ministry of Higher Education), during which, I was on leave from my primary job as an Assistant Lecturer in Minia University Hospital.
4. **Lecturer of Diagnostic Radiology:** Minia University Hospital, Egypt (2012 –

2014). I had an unpaid leave from this job from 2014 - 2017, but the post was maintained until 2017 (This is related to some Egyptian Universities' regulations).

5. **Specialist A of Diagnostic Radiology:** GMC Hospital, Ajman, UAE (2014 – 2015).
6. **Specialist Radiology:** Thumbay Hospital, Dubai, UAE (2015 – 2018).
7. **Consultant Radiologist:** University Hospital of Sharjah (UHS), Sharjah, UAE (July 2018 – July 2022).
8. **FT Locum Consultant Radiologist:** Darlington Memorial Hospital, CDDFT NHS Trust.

Awards:

1. Employee of the Quarter: University Hospital of Sharjah, 2022.
2. Distinguished Employee: University Hospital of Sharjah, 2019.

Research Experience:

1. Thesis entitled: Role of Duplex Ultra-Sound in the Pre-Operative Evaluation of Primary Varicose Veins, a requirement of the MSc degree in Diagnostic Radiology. Status: Submitted to and Accepted by Minia University, Egypt.
2. Thesis entitled: Advanced MRI techniques in the assessment of cerebral glioma, a requirement of the MD degree in Diagnostic Radiology. Status: Submitted to and Accepted by Minia University, Egypt.
3. Clinical Trial: Safety and Efficacy Evaluation of DOTAREM® in MRI of Central Nervous System (CNS) Lesions (SENTIO). Co-investigator, Cambridge, UK.

4. Clinical Trial: Markers of Aggressive Local Therapy In Newly diagnosed Glioblastomas (MALTING) trial. Co-investigator, Cambridge, UK.

Research ID:

Orcid ID: 0000-0003-0435-0158

Scopus Author ID: 56113563600

Web of Science (& Publons) ID: ABE-9577-2021

Courses Attended:

International:

- Artificial Intelligence: European society of Radiology (ESR), March 2024.

National:

- MSK ultrasound course: Sharjah, November 2020.
- 3D and 4D ultrasound course in obstetrics & gynaecology: Dubai, April 2018.
- Fetal Anomaly and Echocardiography scan course: Dubai, November 2015.

Regional (Trust wide):

- Leading without Authority course: 20 / 11 / 2023
- Good Practice in Clinical and Educational Supervision: CDDFT, 9 / 11 / 2023
- Infection Control course: CDDFT, 14 / 06 / 2023
- Basic Life Support: CDDFT, 31 / 05 / 2023

- American Heart Association (AHA) Basic Life Support course: Gulf Medical University (2014 and 2016) and University of Sharjah (2018, 2020).

Research related courses:

1. Research, audit and quality improvement course: e-learning for healthcare, January to March 2024.
2. Evidence based medicine in clinical practice: e-learning for healthcare, January to March 2024.
3. Research Day webinar: Royal College of Radiologists, 17/11/2022.
4. Basic Statistics Course: Cambridge University, Center for Applied Medical Statistics (19 & 22 Mar 2010)
5. Good Clinical Practice course (Mar 2010)
6. SPSS statistics course: Cambridge University, Center for Applied Medical Statistics (18 & 19 Apr 2011)
7. Medical publishing course: Cambridge University, Center for Applied Medical Statistics (22 Apr 2011)

Publications:

1. Sadat U, Mohsen LA, Young V, Teng Z, Gillard JH. "MS556 High Resolution MRI-Based Biomechanical Stress Analysis Of Carotid Plaques Can Predict Severity Of White Matter Lesions." *Atherosclerosis Supplements* 11(2):221-222. June 2010.
2. Diffusion Tensor Invasive Phenotypes Can predict Time to progression in Glioblastomas. *Proc. Intl. Soc. Mag. Reson. Med.* 19 (2011).
3. Normalized Cerebral Blood Volume in the peri-tumoral region helps identify infiltration. *Proc BNOS 2011 Cambridge, UK.*
4. The effect of corticosteroids on the T2 appearance of Glioblastoma

Multiforme. Proc BNOS 2011 Cambridge, UK.

5. Non-invasive assessment of the invasive microenvironment of glioblastomas: a multi-modal imaging study. Proc. EANO, Marseille, 2012.
6. Non-invasive assessment of tumor microenvironment in invasive margins of glioblastomas: A multimodal imaging pilot study. Proc RSNA 2012.
7. Mohsen LA, Shi V, Jena R, Gillard JH, Price SJ. "Diffusion tensor invasive phenotypes can predict progression-free survival in glioblastomas." Br J Neurosurg. 2013 Feb 27.
8. Is Mini-Mental Score Examination (MMSE scoring) a new predictor of uncontrolled hypertension? Khaled Sayed, Mohamad Saad, Tamer Taha, Laila Adel, Nashaat A. Fadeel, Mohamad Ibrahiem, Amr Sotouhy. Proceedings of CardioAlex 2013.
9. Young AMH, Thomas OM, Mohsen LA, Frary AJ, Lupson V, Mclean M, Price SJ. "Characterisation of the metabolic changes at the diffusion tensor defined invasive margins of glioblastoma using magnetic resonance spectroscopy." Scottish medical journal 58(3):E46-E46 · August 2013.
10. Is Mini-Mental Score Examination (MMSE scoring) a new predictor of uncontrolled hypertension? Khaled Sayed, Mohamad Saad, Tamer Taha, Laila Adel, Nashaat A. Fadeel, Mohamad Ibrahiem, Amr Sotouhy. J Clin Hypertens (Greenwich). 2014 May;16(5):348-53.
11. Mohsen LA, Shi V, Jena R, Gillard JH, Price SJ. Non-Invasive Assessment Of Tumour Microenvironment In Invasive Margins Of Glioblastomas: A Multimodal Imaging Study. Proc. Egyptian Society of Radiology & Nuclear Medicine 2013, Cairo, Egypt.
12. Ehab A. Abd-El Gawad, Ahmed M. Ibraheem, Laila Adel M. Samy, Ahmed M. Atyia, Mahmoud Ragab. Assessment of the distal runoff in patients with long standing diabetes mellitus and lower limb ischemia: MDCTA versus DSA. Egypt J Radiol Nucl Med (2013).
13. Laila A. Mohsen, Ehab A.A. Gawad, Mohamed A. Ibrahiem. CT quantification

of emphysema: Is semi-quantitative scoring a reliable enough method?
Egypt J Radiol Nucl Med (2014)

14. Khaled S. Mahmoud, Tamer T. Ismail, Mohamad Saad, Laila A. Mohsen, Mohamed A. Ibrahim, Nashaat A.A. Fadeel, Amr Sotouhy. Values of ambulatory blood pressure monitoring for prediction of cognitive function impairment in elderly hypertensive patients. Egypt Heart J (2014).
15. Alaa Wagih, Laila Mohsen, Moustafa M. Rayan, Mo'men M. Hasan, Ashraf H. Al-Sherif. Posterior Reversible Encephalopathy Syndrome (PRES): Restricted Diffusion does not Necessarily Mean Irreversibility. Pol J Radiol. 2015 Apr 25;80:210-6.
16. Ahmed S. Issa, MBBCh, Laila A. Mohsen, MD, Adel MS Mohsen, MD. "Tropical Pyo-myositis and septic arthritis". Eurorad 2014, Apr. 16; URL: <http://www.eurorad.org/case.php?id=11748>
17. Laila Adel Mohsen, Ahmed A. Mohsen, Adel M. Samy. "Isolated Agenesis of Septum Pellucidum". Eurorad 2016, Mar. 8; URL: <http://www.eurorad.org/case.php?id=13413>.
18. Nasr M. Osman, Laila Adel M. Samy. "Benign and malignant portal venous thrombosis: Multi-modality imaging evaluation." The Egyptian Journal of Radiology and Nuclear Medicine 2016 Jun; 47(2): 387-397.
19. Price SJ, Young AM, Scotton WJ, Ching J, Mohsen LA, Boonzaier NR, Lupson VC, Griffiths JR, McLean MA, Larkin TJ. "Multimodal MRI can identify perfusion and metabolic changes in the invasive margin of glioblastomas." J Magn Reson Imaging. 2016 Feb;43(2):487-94.
20. Laila Adel Mohsen "Kaposi sarcoma in foot." Eurorad 2017, Jun 27; URL: <http://www.eurorad.org/case.php?id=14640>.
21. Mohsen LA, Amin MF. "3D and 2D ultrasound-based fetal weight estimation: a single center experience." J Matern Fetal Neonatal Med. 2016 May 26:1-8.
22. Mohsen LA, Amin MF. "3D and 2D ultrasound-based fetal weight estimation:

a single center experience.” Proceedings of the ECR 2017.

23. Nadia F. El Ameen, Mohamed Eissawy, Laila Adel Mohsen, Omnia Mokhtar Nada, Gerges M. Beshreda. “MR diffusion versus MR perfusion in patients with ovarian tumors; how far could we get?” The Egyptian Journal of Radiology and Nuclear Medicine 2020 Feb; 51(35).
24. Mohsen LA, Osman NM. “Diffusion-weighted imaging in the evaluation of perianal fistula and abscess.” Egyptian Journal of Radiology and Nuclear Medicine 2020; 51: 71.
25. Nasr Mohamed M. Osman, Ahmed Abdel Rahman Abdel Aziz, Laila Adel Mohsen, Mohamed M. El Badry, Rafeek Mohamed Abdelkader, Mohamed Sherif A. AbdelMonem, Mostafa Talaat. “Imaging Update of Congenital Hearing Loss: A Recent Insight Imaging Including 3D MRI Cisternography Prior to Cochlear Implant.” Indian Journal of Otolaryngology and Head & Neck Surgery 2024 Apr; 76(2):1747-1754.

Presentations:

Departmental:

- Paediatric fractures: 17 November 2023, Darlington memorial hospital.
- Lines and Tubes in a chest X-ray: 19 May 2023, Darlington memorial hospital.
- BIRADS in mammography: 24/4/2022, University Hospital of Sharjah.
- Pulmonary embolism in pregnant women: Thumbay hospital, Dubai, 2017

Regional:

- Polycystic Ovary syndrome: Imaging update. This was presented to a gynaecology consultants meeting (3/5/2019).
- Magnetic Resonance Spectroscopy: Minia 2013

National:

- Non-Invasive Assessment of Tumour Microenvironment in Invasive Margins of Glioblastomas: A Multimodal Imaging Study. Proc. Egyptian Society of Radiology & Nuclear Medicine 2013, Cairo, Egypt.

International:

- 3D and 2D ultrasound-based fetal weight estimation: a single center experience. Proceedings of the ECR 2017.

Reviewing activity:

Peer Reviewer for:

1. Neuroradiology (8).
2. Journal of Spinal Cord Medicine (3).
3. Cancer Medicine (2).
4. Circulation: Cardiovascular Medicine (2).
5. Bosnian Journal of Basic Medical Sciences (1).

Audits:

- Knee MR audit: 23/10/2023, Darlington memorial hospital. I evaluated the knee MRI studies with regards to FOV, image artefacts and planning of sequences.
- Knee MR re-audit: 18/3/2024, Darlington memorial hospital. The planning of the sagittal sequence was re-evaluated after corrective measures were taken.
- URG and ICT codes in GP referred chest X-rays: 18/3/2024, Darlington memorial hospital.

Teaching and Training experience:

- Supervising trainee radiologists, County Durham and Darlington NHS trust.
- Radiographers' teaching, County Durham and Darlington NHS trust.
 - Paediatric fractures: 17 November 2023, Darlington memorial hospital.
 - Lines and Tubes in a chest X-ray: 19 May 2023, Darlington memorial hospital.
- Teaching and training for radiographers, University Hospital of Sharjah, UAE, 2018 – 2022.
 - BIRADS in mammography: 24/4/2022, University Hospital of Sharjah.
- Hospital-based teaching for year 5 MBBS students, College of Medicine, University of Sharjah, UAE, 2018 – 2022.
- Lectures in basic radiology procedures and findings: offered to undergraduate students of the College of Medicine and College of Health sciences, Gulf Medical University (GMU), Ajman, UAE: 2014 – 2018.
- Teaching and training for junior radiologists, Minia University hospital, Egypt: 2006 – 2014.

Management Experience:

Deputy HOD, Thumbay hospital, Dubai. I would cover duties of the HOD in his absence only. Duties include sorting problems with radiographers' duties, appointment lists, problems with doctors' absences and approving requests for dispensing contrast.

References:

1. Dr Rob H Briggs, clinical lead, Radiology department, County Durham and Darlington NHS Foundation trust. Email: r.briggs1@nhs.net
2. Dr Mahfoodh Abbas, Consultant musculoskeletal radiology, County Durham and Darlington NHS Foundation trust, Email: m.abbas1@nhs.net.
3. Dr Neeru Tomer, Consultant musculoskeletal radiology, County Durham and Darlington NHS Foundation trust, Email: neeru.tomer@nhs.net
4. Dr AbdulMunhem Obaideen, HOD and senior consultant radiologist, University Hospital of Sharjah, Sharjah, UAE. Email: abdulmunhem.obaideen@uhs.ae
5. Dr. Ramy R. Georgy, Senior consultant Radiologist, University Hospital of Sharjah, Sharjah, UAE. Email: ramy.georgy@uhs.ae
6. Dr. Riyad Bendardf, Senior consultant Oncology, University Hospital of Sharjah, Sharjah, UAE. Email: riyad.bendardf@uhs.ae