

# Reem M Elkady MD, PhD

Assistant Prof. Radiodiagnosis  
Assiut University, Egypt

## Curriculum Vitae

### Personal Data:

**Name:** *Reem Mostafa Mohamed Ali El Kady*

**Nationality:** *Egyptian*

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**Language skills:** *Arabic >>> mother tongue  
English >>> fluent  
German >>> fair*

### Affiliation :

*Assiut University Hospital is one of the biggest University Hospitals in Egypt. It is the core referral center for the whole Upper Egypt that serves about twenty million people. The hospital contains 2027 beds, including 94 ICU beds, and 46 operative theaters in which 240 operations are performed daily. 1478 medical and 6428 paramedical staff serve in this hospital. 3000 patients visit the outpatient clinics and 1000 are received in the emergency departments daily.*

[http://www.aun.edu.eg/fac\\_med/medicin/Hospital2.htm](http://www.aun.edu.eg/fac_med/medicin/Hospital2.htm)

### Education Background:

- **B.Sc. degree** in Medicine and Surgery, Assiut University, Sep. 1999.

- **M.Sc. degree** in Radiology, Oct, 2004.

- **MD, PhD degree** in Radiology, Jan.2013. The title of dissertation “The role of MR diffusion in characterization of hepatic focal lesions”.

**Clinical Interest:** Liver Imaging, Women Imaging.

**Academic Professional:**

**March 2000-March 2001:** Internship at Assiut university hospital

**March 2001 – October 2004:** Resident at Radiology Department, Assiut University Hospital

**October 2004- May 2008:** Assistant Lecturer of Radiology at Radiology Department, Assiut University Hospital, Egypt.

**May 2008- May 2010:** Visiting Research Associate at Hershey Medical Center Penn state University, Pennsylvania, USA

**May 2010- February 2013:** Assistant Lecturer of Radiology at Radiology Department, Assiut University Hospital and Rajhy Liver Hospital, Egypt.

**March 2013- Now:** Assistant Prof. (lecturer) of Radiodiagnosis at Radiology Department, Assiut University Hospital

**March 2013- Now:** Consultant diagnostic liver imaging at Rajhy Liver Hospital, Assiut, Egypt.

**Research and Training Fellowships :**

1-Visiting Fellow at **Radiology department, Milton S. Hershey Medical Center Penn state University, Pennsylvania, USA** from May 2008- May 2010. During which I accomplished the practical part of my MD thesis “ The role of MR diffusion in characterization of hepatic focal lesions”, **Involved in 8 research projects in abdominal imaging unit**, and also **involved in clinical rotations** at different radiology units as follow:

- # Body Imaging and pelvic MRI and US >>> 5 months.
- # Breast Imaging >>> 5 months.
- # Musculoskeletal Imaging >>> 3 months.
- # Neuro Imaging >>> 3 months.
- # Pediatric Imaging >>> 3 months.
- # Chest Imaging >>> 2 months.

2- Visiting fellow at **Women Imaging Center Michigan State University ,Lansing Michigan USA** from September 2014 to January 2015:

- Screening and diagnostic Mammography.
- Breast US

- MRI (dynamic, diffusion)
- Interventional diagnostic Procedures (US guided aspiration/core biopsy, Stereotactic biopsy)

**Nature of Current Position:** My current position is assistant professor (Lecturer) at Radiology Department, Assiut University Hospital and Rajhy Liver Hospital. The duties of this position is teaching of both undergraduate and post-graduate students as well as reporting cases at body imaging and Woman imaging units at Radiology Department and also reporting liver cases and preparing and attending multidisciplinary team meetings at Rajhy Liver Hospital.

### **Clinical experience.**

#### **14 years of experience in general diagnostic radiology:**

- Plain X ray
- Special techniques (barium studies)
- Abdominal and soft tissue ultrasound
- Renal and lower limb Doppler examination
- Computed tomography
- MRI (brain, spine and musculoskeletal).
- US guided percutaneous aspiration/ drainage of abdominal abscess.
- US guided biopsy.

#### **Consultant Hepato-biliary imaging :**

- US
- CT (dynamic, perfusion)
- MRI (conventional sequences, diffusion, perfusion, MRCP)

#### **Consultant Women Imaging:**

- Digital mammography, Tomosynthesis.
- Breast US.
- Breast MRI (dynamic, diffusion).
- Hysterosalpingography.
- Pelvic MRI

### **Teaching Experience:**

- Supervising undergraduate teaching 2013/2014.

- Share in teaching and evaluation of undergraduate students 2013, 2014.
- Preparation of undergraduate teaching curriculum 2015.
- Share in postgraduate teaching (M.Sc., MD, PhD) students (Liver imaging, Women Imaging courses) 2014, 2015.

### **Conferences and training courses:**

#### **Radiology Meetings:**

- Scientific Society of Radiology Meeting, Assiut, Egypt 20-22 ndDec.2005.
- Scientific Society of Radiology Meeting, Assiut, Egypt 6-7thDec.2006.
- Annual Meeting of Egyptian Society of Imaging and Women's health care 20-21st Dec.2006.
- Breast Imaging workshop, Egyptian Society of Imaging and Women's health care 16-17 Dec.2006.
- The 95th Annual meeting of RSNA 2009 Chicago, Illinois, USA.
- Graduate Medical Education Resident/Fellow Research Conference .Penn State University, March 2010.
- American Roentgen Ray Society Meeting (ARRS) May 2010 San Diego, CA.
- American Roentgen Ray Society Meeting (ARRS) 2011 Annual Meeting May 2011; Chicago, Illinois
- Annual meeting of Egyptian Society of Radiology and Nuclear Medicine (ESRNM) Oct 2013 Ein El sokhna Egypt.
- Egyptian Society of Radiology and Nuclear Medicine (ESRNM) 2-4 April 2015. Radiology challenges and controversies.

#### **Radiology courses:**

- Refreshing course in Musculoskeletal imaging, Scientific Society of Radiology Egypt 2005.
- Uro radiology Refreshing course, Scientific Society of Radiology Egypt 2005.
- Breast Imaging workshop (Mammography reading, challenge cases, US guided biopsy) Egyptian Society of Imaging and Women's health care 2006.
- Abdominal Imaging refreshing courses (Pelvic masses, hepatic focal lesions) RSNA 2009 Chicago, Illinois, USA.
- Breast Tomosynthesis RSNA 2009 Chicago, Illinois, USA.
- MRI guided biopsy Breast lesions RSNA 2009 Chicago, Illinois, USA.
- US guided vacuum assisted biopsy Breast lesions RSNA 2009 Chicago, Illinois, USA.
- Neuro imaging workshop (ESRNM) 2015.

### **Miscellaneous courses:**

- *Use of Technology in Teaching.*
- *Methods of Student Evaluation.*
- *Research Team Management.*
- *Research Ethics.*
- *Communication skills.*
- *Effective presentation.*
- *Conferences Organization.*
- *ICDL computer courses (7modules).*
- *TOEFL courses.*
- *Advanced level English courses.*
- *Level I, II German language.*

### **Publications:**

- *Tappouni R, El Kady R, Sarwani N, Dykes T. Comparison of the accuracy of diffusion-weighted imaging versus dynamic contrast enhancement magnetic resonance imaging in characterizing focal liver lesions. Journal of computer assisted tomography.2013; 37 (6), 995-1001*
- *Hassan A, Elkady R, Moustafa M, Tappouni R. Employment of Diffusion weighted magnetic resonance imaging in characterization of hepatic focal lesions, is it really helpful? ESRNM Oct 2013 Ein El sokhna.*
- *El Kady R, Choudhary A, Tappouni R. Accuracy of apparent diffusion coefficient value measurement on PACS workstation: A comparative analysis. AJR 2011 Mar; 196(3):W280-4.*
- *Tappouni R, Elkady R, Sarwani N, Dykes T. Comparison of accuracy of MRI with diffusion weighted imaging(DWI) vs. MRI with dynamic contrast enhancement(DCE) in characterizing focal liver. (ARRS) 2011 Chicago, Illinois.*
- *Tappouni R, El-Kady R, Raman J, Then M, and Sarwani N. Renal neuroectodermal tumor presenting with hematuria. J Radiol Case Rep. 2010; 4(7): 12–20.*
- *Tappouni R, Elkady R, Sarwani N. Accuracy of CT abdomen without versus with in the diagnosis of acute appendicitis. (ARRS) May 2010 San Diego, CA*
- *Tappouni R, Elkady R, Mahraj R, Jamis-Dow C. Effect of Bismuth Breast Shield on Scan Quality during Chest CT with Z-axis Modulation: Objective and Subjective Assessment. RSNA 2009 Chicago, Illinois, USA.*
- *Tappouni R, Elkady R, Sarwani N. ROC Analysis of MRI Apparent Diffusion Coefficient (ADC) values of Benign and Malignant Focal Liver Lesions RSNA 2009 Chicago, Illinois, USA.*

**Ongoing Research Work:**

- Liver imaging reporting and data system (LIRAD) accuracy, reproducibility and more.
- Diffusion Weighted MRI and Novel Biomarkers in appraisal of liver fibrosis in Hepatitis C Patients.
- Methylated gene p15 and APC gene as biomarkers in Detection of HCC Versus MRI in Cirrhotic Patients.

**Supervision of M.Sc. And PhD thesis:**

- Role of MRI in evaluation of patients with acute pancreatitis.
- Additional role of Expiratory High resolution CT in diagnosis of interstitial lung disease.
- Added role of MRI perfusion in characterization of adnexal lesions.
- Role of PET CT in staging of Lymphoma.

*If you can dream it you can do it.....Walt Disney*