**PROFESSIONAL TITLE AND ADDRESS**

 Assistant Professor of Emergency radiology.

 University of Texas Tech Health Sciences Center.

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FELLOWSHIP TRAINED IN:

* BODY IMAGING (2 YRS): UNIVERISTY OF WASHINGTON MEDICAL CENTER
* EMERENCY RADIOLOGY: UNIVERISTY OF WASHINGTON MEDICAL CENTER
* CARDIOTHORACIC IMAGING: UNIVERISTY OF WASHINGTON MEDICAL CENTER
* NEUROIMAGING: UNIVERSITY OF ALABAMA AT BIRMINGHAM
* INTERVENTIONAL RADIOLOGY: UNIVERSITY OF ALABAMA AT BIRMINGHAM

**1.** **BOARD STATUS: ABR CERTIFIED, ACTIVE**

**2. Citizenship:** Permanent resident

**3. BIRTH DATE:** 09/08/1979

**4. EDUCATION**:

09/1996–10/2002 Faculty of medicine, Cairo University, Egypt

 M.D. (Grade: Excellent with Honors)

 2004 – 2008 USMLE steps 1, 2, and 3

 2008 ECFMG certification

**5. POSTGRADUATE TRAINING:**

03/2003 – 02/2004 Internship

 Cairo University Hospitals, Egypt

09/2004 – 10/2007 Diagnostic Radiology residency

 Cairo University Hospitals, Egypt

 02/2008 Masters of Science (M.Sc.) in Diagnostic Radiology

 Faculty of Medicine, Cairo University, Egypt

**6. POSTGRADUATE US AND WORK EXPERIENCE:**

**Six years of clinical and research training in top notch medical center in the United States since 2009**

 07/2009 – 06/2010 Clinical Fellowship, Interventional Radiology

 University of Alabama at Birmingham, Birmingham, AL

 07/2010 – 06/2011 Clinical Fellowship, Neuroradiology

 University of Alabama at Birmingham, Birmingham, AL

 07/2011 – 06/2012 Clinical Fellowship, Body Imaging

 University of Washington Medical center, Seattle, WA

 07/2012 – 06/2013 Research and clinical Fellowship, Oncology Imaging

 Seattle Cancer Center Alliance

 University of Washington Medical center, Seattle, WA

 07/2013 – 06/2014 Fellowship, Emergency Radiology

 Harborview Medical Center

 University of Washington Medical center, Seattle, WA

 07/2014 – 06/2015 Fellowship, Cardiac and chest Imaging

 University of Washington Medical center, Seattle, WA

 09/2015- 09/2016 Assistant Professor of Radiology

Texas Tech University Health Sciences Center

 El Paso, Texas

 09/2016- 09/2017 West Houston Radiology Associates

 Houston, Texas

 10/2017- Current Assistant Professor of Radiology

Texas Tech University Health Sciences Center

 El Paso, Texas

**7. HONORS:**

 - Honor degree” for outstanding performance in the Bachelor of medicine and Surgery exam, Faculty of Medicine, Cairo University, December 2002. Selection is based on academic performance and scores.

- Certificate of Merit Award in recognition of the excellence of educational exhibit: Endovascular Management of Non-variceal upper gastrointestinal hemorrhage: What the radiologist needs to know. Presented at the 96th scientific assembly and annual meeting of the Radiological Society of North America (RSNA), November 2010, Chicago, Illinois.

 - Magna Cum Laude award in recognition of the excellence of educational exhibit: The liver imaging atlas: an educational online resource for liver imaging using a structured tagging approach. Presented at the 25th annual meeting and postgraduate course of the European Society of Gastrointestinal and Abdominal Radiology (ESGAR) 2014, Salzburg, Austria. **The content of the exhibit was featured on AuntMinnie.com**

- Commendation letter for educational publication in RadioGraphics titled “Evaluation and Management of Disorders of Sex Development: Multidisciplinary Approach to a Complex Diagnosis”, published in the special October 2012 issue of RadioGraphics.

 - Imaging of bariatric surgery: Normal appearance and complications; a comprehensive review. Educational exhibit presented at American Roentgen Ray Society (ARRS) 2012, Vancouver, BC, Canada. **The content of the exhibit was featured in the Medical News Today (MNT) website in April of 2012**

**8. LICENSE TO PRACTICE:**

 Active Texas

Inactive Alabama

Inactive Washington

**9. PROFESSIONAL ORGANIZATIONS:**

 2013 – Present American Society of Emergency Radiology

2011 – Present Society of Radiologists in Ultrasound (SRU) – Member

2011 – Present Society of Abdominal Radiology (SAR)-Member

 2009 – Present Radiological Society of North America (RSNA) - Member

2009 – Present American Roentgen Ray Society (ARRS)-Member

**10. RESEARCH/PRESENTATIONS**

2012- 2013Oncology research fellowship at Seattle cancer center Alliance.

 **The Seattle Cancer Care Alliance** (SCCA) is a world-class cancer treatment center that unites doctors from Fred Hutchinson Cancer Research Center, UW Medicine, and Seattle Children's.

 I did image interpretation and post processing of an average of 1500 CT scans of cancer patients enrolled in clinical trials. I was the sole contact person between the referring oncologist and the radiology department. My role was detrimental in deciding whether or not patients will continue in the clinical trials based on their response to chemotherapy. I had to measure the size of the primary tumor and metastasis at different time points in the course of therapy, and based on different criteria, I decide if the response is stable, progressive, partial response or complete response (remission).

 **Co-investigator in one of the ITHS/WaNPRC pilot project grants**, which in part is supported by NIH grant P51 OD010425 from the Office of Research Infrastructure Program and UL1 TR00423 from the National Center for Advancing Translational Science. The project is developed in collaboration with the department of Obstetrics and Gynecology to obtain pilot data for MRI evaluation of fetal lung development in Macaque monkeys leading to a more detailed study with a larger number of subjects.

**11. PEER REVIEW PUBLICATIONS:**

* Abdel Aal AK, **Osman S**, Hamed MF, Saddekni S. Embolization of bleeding duodenal ulcer using Amplatzer vascular plug II and hydrogel coils. ***Journal of vascular and endovascular surgery (JVES), April 2011.***

 Pubmed ID: 21478250

* Abdel Aal AK, **Osman S**, Hamed MF, Saddekni S. Acute inferior vena caval and iliac thrombosis treated with pharmacomechanical thrombectomy using “kissing” Trellis-8 isolated thrombolysis catheters. ***Journal of Endovascular Therapy (JEVT), Oct 2011.***

 Pubmed ID: 21992648

* Bag AK, Patel BN, **Osman S**, Roberson G. Clinico-radiologic profile of spinal cord MS in adults. ***Neuroradiology Journal (NRJ), Aug 2011.***

 Pubmed ID: 24059707

* Mannelli L, Maki JH, **Osman S**, Chandarana H, Lomas DJ, Shuman WP, Linnau KF, Green DE, Laffi G, Moshiri M. Non contrast functional MRI of the kidneys. ***Current Urology Reports. Feb 2012.***

 Pubmed ID: 22102220

* Moshiri M, Chapman T, Fechner PY, Dubinsky TJ, Shnorhavorian M, **Osman S**, Bhargava P, Katz DS. Evaluation and management of disorders of sex development: Multidisciplinary approach to a complex diagnosis. ***RadioGraphics, Oct 2012.***

 Pubmed ID: 23065160

 **The leading article in the monograph issue of RadioGraphics 2012;32:1599-1618.**

 **Total article downloads from the journal website since the time of publications until June 2013: 22756**

* Mannelli L, Bhargava P, **Osman S**, Maki JH. Diffusion-weighted Imaging of the Liver. ***Current Problems in Diagnostic Radiology, May 2013.***

 Pubmed ID: 23683849

* Moshiri M, **Osman S**, Robinson TJ, Khandelwal S, Bhargava P, Rohrmann CA. Evolution of bariatric surgery: a historical perspective. ***American Journal of Radiology (AJR), July 2013***

 Pubmed ID: 23789695

 **Article featured on the cover of AJR 2013 July issue**

 **Article ranked 8 in the top 100 most accessed articles.**

**Total number of downloads as of May 2014 is 997**

* **Osman S,** Lehnert B, Elojeimy S, Cruite I, Mannelli L, Bhargava P, Moshiri M. A comprehensive review of the retroperitoneal anatomy, neoplasms, and pattern of disease spread. ***Current Problems in Diagnostic Radiology, Oct 2013.***

Pubmed ID: 24070713

* Irene Cruite, **Osman S**, Dighe MJ. An update on criteria for assessing tumor response to treatment. ***Current Problems in Diagnostic Radiology, Oct 2013.***

 Pubmed ID: 24070714

* **Osman S**, Zaidi SF, Lehnert BE, Linnau KF. Core curriculum illustration: testicular torsion. ***Emergency Radiology Jun 2014.***

Pubmed ID: 24578061

* Moshiri M, **Osman S**, Bhargava P, Maximin S, Robinson TJ, Katz DS. Imaging evaluation of maternal complications associated with multiple repeat cesarean deliveries. ***Radiologic Clinics of North America, Sep 2014.***

 Pubmed ID: 25173662

* Lehnert B, Moshiri M, **Osman S**, Khandelwal S, Elojeimy S, Bhargava P, Katz DS Imaging of complications of common bariatric surgical procedures. ***Radiologic Clinics of North America, Sep 2014.***

 Pubmed ID: 25173659

* **Osman S**, Moshiri M, Robinson TJ, Gunn M, Lehnert B, Sundarakumar D. Katz DS. [Subperitoneal extension of disease processes between the chest, abdomen, and the pelvis](http://link.springer.com/article/10.1007/s00261-014-0297-4). ***Abdominal Imaging, Aug 2015.***

 Pubmed ID: 25403702

* Sundarakumar DK, Wilson GJ, **Osman S**, Zaidi SF, Maki JH. [Evaluation of Image Registration in Subtracted 3D Dynamic contrast-enhanced MRI of treated Hepatocellular Carcinoma](https://scholar.google.com/citations?view_op=view_citation&hl=en&user=Sy-od3wAAAAJ&citation_for_view=Sy-od3wAAAAJ:LkGwnXOMwfcC)*.* ***American Journal of Roentgenology, Feb 2015.***

 Pubmed ID: 25615750

* Zaidi SF, Moshiri M, **Osman S**, Robinson TJ, Siebert JR, Bhargava, Katz DS. Comprehensive imaging review of abnormalities of the placenta. ***Ultrasound Quarterly, Mar 2016.***

 **Awarded Certificate of Merit at the 2011 RSNA annual meeting.**

Pubmed ID: 26938032

* O’Malley RB, Moshiri M, **Osman S**, Menias CO, Katz DS. Imaging of Pancreas Transplantation and its complications. ***Radiologic Clinics of North America, Mar 2016.***

Pubmed ID: 26896223

# Sandstrom CK, Osman SF, Linnau KF. Scary Gas: Scary gas: pathways in the axial body for soft tissue gas dissection (Part I)*.* *Emergency Radiology, Oct 2017.*

# Pubmed ID: 28251366

* Sandstrom CK, Osman SF, Linnau KF. Scary Gas: The Spectrum of Soft Tissue Gas Encountered in the Axial Body (Part II)*.* ***Emergency Radiology, Aug 2017.***

 Pubmed ID: 28255930

* Sandstrom CK, Osman SF, Linnau KF. Scary Gas: Intravascular, Intracranial, and Intraspinal Ectopic Gas (Part III)*.* ***Emergency Radiology, Aug 2017.***

  Pubmed ID: 28255931

 **EDUCATIONAL EXHIBITS AND ORAL PRESENTATIONS:**

* Kapoor BS, Saddekni S, Oser RF, Underwood ES, **Osman S**, Soni J, Feng A. Azur 0.018 Hydrocoils: Technical success, challenges and complications. ***International Symposium On Endovascular Therapy (ISET) 2009, Miami, FL, USA***
* Abdel Aal AK, **Osman S**, Hamed MF, Saddekni S, Oser RF. The dangerous pulmonary shunt: endovascular management of pulmonary arteriovenous malformations. ***Radiological Society of North America (RSNA) 2010, Chicago, IL, USA***
* Abdel Aal AK, Saddekni S, **Osman S**, Hamed MF, Oser RF, Underwood ES, Borghei P. Endovascular Management of Non-Variceal Upper Gastrointestinal Hemorrhage: What the radiologistneeds to know? ***Radiological Society of North America (RSNA) 2010, Chicago, IL, USA***

 **Awarded Certification of Merit**

* Abdel Aal AK, **Osman S**, Hamed MF, Saddekni S, Underwood E, Oser RF, Borghei P.Calculating the occlusion time for Amplatzer vascular plug II used in treatment of pulmonary arteriovenous malformations helps determine its safety. ***Radiological Society of North America (RSNA) 2010, Chicago, IL, USA***
* Kapoor BS, M Flick, B Patel, **Osman S**, J Soni, I Maya, M Lockhart. PolarCath balloon angioplasty of venous anastomotic stenosis in arteriovenous grafts: A review of 25 cases. ***International Symposium On Endovascular Therapy (ISET) 2011, Miami, FL, USA***
* Abdel Aal AK, **Osman S**, Rodriguez MG, Zarzour JG, ,Soni J, Saddekni S, Underwood ES, Smith JK. The magic ice ball: Image guided cryoablation of renal tumors. ***American Roentgen Ray Society (ARRS) 2011, Chicago, IL, USA***
* Abdel Aal AK, Saddekni S, Oser RF, Raslan O, Gaddikerri S, Kunam V, **Osman S** Interventional management options for patients in the pulmonary critical care setting. ***European Society of Radiology (ECR) 2011, Vienna, Austria***
* Moshiri M, **Osman S**, Young E, Dighe MK, Chapman T, Fligner CL. Imaging of ambiguous genitalia: prenatal diagnosis and postnatal management. ***Radiological society of North America (RSNA) 2011, Chicago, IL, USA***
* Abdel Aal AK, Pearce J, **Osman S**, Kim Y. Subclavian steal phenomenon on MRI: How can we steal the diagnosis without contrast enhanced MRA. ***American Roentgen Ray Society (ARRS) 2011, Chicago, IL, USA***
* **Osman S**, Mannelli L, Bhargava P, Dighe MK. Demystifying the adrenal mass in advanced breast cancer. Implications in management based on the biologic behavior and CT Hounsfield values. ***American Roentgen Ray Society (ARRS) 2012, Vancouver, BC, Canada***
* Moshiri M**, Osman S**, Elojeimy S, Khandelwal S, Rohrmann CA. Imaging of bariatric surgery: Normal appearance and complications; a comprehensive review. ***American Roentgen Ray Society (ARRS) 2012, Vancouver, BC, Canada***

 **Exhibit featured in the ARRS news release April 28th 2012. The content of the exhibit was also featured in the Medical News Today (MNT) website in April of 2012**

* Manelli L**, Osman S**, Maki JF, Dighe MK. Functional MRI of the kidneys. ***American Roentgen Ray Society (ARRS) 2012, Vancouver, BC, Canada***
* Kolokythas O, Zaidi S, **Osman S**, Tornow AP, Pham TT, Bastawrous S, Phillips GS, Bhargava P, Coy DL. The Liver Imaging Atlas: An interactive multimodality web-based reference and educational resource of liver imaging. ***European Society of Radiology (ECR) 2013, Vienna, Austria***
* Kolokythas O, Coy DL, Bhargava P, Zaidi SF, **Osman S**, Lalwani N, Sadro C, Mitsumori LM, Phillips G, Tornow AP, Alemany L, Stanescu AL, Seyal AR, Bastawrous B. The Liver Imaging Atlas: A Structured Learning Resource of Liver Imaging. ***Radiological Society of North America (RSNA), 2013, Chicago, USA***
* Kolokythas O, **Osman S**, Alemany LP, Bastawrous S, Tornow AP, Mitsmouri L, Cuevas C, Bhargava P, Phillips G, Dighe M, Sadro C, Lalwani N, Coy D. The liver imaging atlas: an interactive E-learning tool for liver imaging. ***Computer Assisted Radiology and Surgery (CARS) 2013, 27th International Congress and Exhibition, Heidelberg, Germany***
* Kolokythas O, Tornow AP, **Osman S**, Zaidi SF, Bastawrous S, Cuevas C, Lalwani N, Sadro C, Bhargava P, Seyal A, Coy D. The liver imaging atlas: an educational online resource for liver imaging using a structured tagging approach. ***European Society of Gastrointestinal and Abdominal Radiology (ESGAR) 2014, Salzburg, Austria***

**Awarded Magna Cum Laude**

* Zaidi SF, Nguyen Q, Linnau KF, **Osman S**, Mossa-Basha M. The injured spinal cord –Problem solving with advanced MRI techniques. ***Radiological Society of North America (RSNA), 2014, Chicago, USA***

**OTHERS:**

* **Liver Atlas:**  Kolokythas O, Zaidi S, **Osman S**, Tornow AP, Pham TT, Bastawrous S, Phillips GS, Bhargava P, Coy DL

 The educational website [www.liveratlas.org](http://www.liveratlas.org) is a free e-learning resource of CT, MR, and ultrasound imaging of liver pathology designed for radiology trainees, educators, and radiologists in practice. The design of database enables users to search and retrieve cases in ways that are useful for clinical problem solving, and for learning and teaching.

* **Curriculum for the imaging of retroperitoneal masses and disease spread with anatomic correlation.** Elojeimy S, Moshiri M, **Osman S**, Bhargava P, Rohrmann CA. MedEdPORTAL 2013; Available from:<http://www.mededportal.org/publication/9358>

MedEdPORTAL is a free, cross-indexed suite of services provided by the Association of American Medical Colleges. Through Publications, iCollaborative, and the CE Directory, MedEdPORTAL aims to equip healthcare professionals across the continuum with effective and efficient educational tools to improve patient care.

**WORK IN PROGRESS:**

* Elojeimy S, **Osman S**, Moshiri M, Bhargava P, Plunk M, Rohrmann CA. Retroperitoneal spaces: Anatomy and pattern of disease spread. **Solicited for publication in AJRII for SAM.**
* **Osman S**,Moshiri M, Lehnert B. Multimodality imaging evaluation of Male Urethra. In preparation.
* Khandelwal S, Moshiri M, **Osman S**, Robinson T, Rohrmann CA. Current Techniques and Future Trends in Bariatric Surgery. In preparation.