Dr. Tarek ElMaghraby 

389 Cavendish Cres, Kingston, Ontario, Canada, K7P3E3

613-929-6015, tarek116@hotmail.com

# Professional Summary

* Qualified Professor of Radiology & Nuclear Medicine, with 18 years of clinical experience in Nuclear medicine, along with a broad background in research and teaching academics for undergraduate and post-graduate applicants (master & PhD) using the up to date tools, and soft-ware techniques. In addition, holding a well-developed analyzing and problem solving administrative skills gained as a Chief of Radiology Department for 4 years.
* **Licenses & Certifications**

Pass the Canadian MCCEE Medical Exam **2014**

PET/CT Fellowship, Stanford University, Stanford, California, USA **2007**

Consultant Certified from Saudi Arabian Ministry of Health **2002**

Nuclear Medicine Ph.D., Leiden University, Leiden, Netherlands **2002**

Consultant Certified from Egyptian Ministry of Health **2001**

Nuclear Medicine Medical Doctorate, Cairo University, Egypt **1998**

American Board in Nuclear Cardiology, Bethesda, Illions, U.S.A **1997 (rectified 2007)**

Nuclear Medicine Fellowship, Leiden University Medical Center, Leiden, Netherlands. **1996-1998**

Nuclear Medicine Master, Cairo University, Egypt. **1995**

* **Award & Accomplishments**
* PhD thesis from Leiden University Hospital with new parameters for assessing Kidney transplant.
* Staff of the Term in Cairo University Hospital for the Master course design and teaching in 1999.
* Invited speaker in many Conferences and Educational Courses on National and International levels
* Developed many quality improvement projects in Saad Specialist Hospital.
* Instrumental in obtaining international Radiology Accreditations (JCIA, Canadian, and Australian) in Saad Specialist Hospital.
* Published in peer-review International and National well recognized scientific journals.

# Professional Experience

**Radiology Department Director 08/2011 till now**

**Section Head and Consultant of Nuclear Medicine** **08/2002 till 07/2011**

Saad Specialist Hospital, Alkhobar, Saudi Arabia

*The Saad Specialist Hospital (http://www.saadmedical.com/healthcarecommunity/Departmental\_Contact.aspx?lang=en#) is a +600 bed tertiary care center with Canadian, American (Joint Commission International Accreditation), and Australian accreditation.*

**Clinical Accomplishments**

* Nuclear Medicine consultant in Radiology Medical imaging: Oncology, Endocrine, Cardiac, Renal, Skeletal system imaging.
* Enforce clinical duties and practices specific to the subspecialties.
* Maintain policies and procedures for clinical work based on (SNM) American Society of Nuclear Medicine Guidelines and within JCIA accreditation standards.
* Practice in an evidence-based and patient focused manner.
* Accurately document all relevant clinical and radiological information in a timely manner.
* Arrange and actively participate in multidisplinary meetings like Tumor Board, neuro-radiology, pediatric and musclo-skeletal board meetings.

**Leadership & Administrative Accomplishments**

* Departmental leader with specific achievements in quality control, resident’s education, patient education and professional development.
* Ensure implementation of JCIA standards in the department at all levels.
* Prepare all necessary administrative tools for the JCIA inspection and accreditation.
* Encourage collaborative working environment among clinical disciplines in the department.
* Implement the organization's performance management system.
* Participate and develop budget planning and ensure cost-effectiveness practice in department.
* Develop and control projects to improve care provided by department.
* Encourage culture of regular audit, and peer review.
* Follow Patient Safety guidelines of the JCIA as stated in department policies and procedures.
* Manage quality improvement initiatives and implement them in the routine departmental work.

**Teaching Accomplishments**

* Develop departmental CME system complying with the organization and ministry of health guidelines.
* Promote training, and developing of junior Residents, Radiographers, and Medical Physics staff.
* Hold journal clubs on regular bi-weekly basis to follow recent literature and new industrial radiology technologies.
* Encourage and maintain clinical research activities as per organization guidelines

**Fellow in PET/CT in Stanford University, USA 2007**

* Actively trained in PET/CT and its application in oncology, Cardiology, and Neurology cases
* Actively involved in the acquisition, processing, and quantitative parameters of PET/CT cases
* Actively participated in PET/CT interpretation (oncology and cardiology)
* Attended all dedicated lectures and courses in Nuclear medicine and PET/CT

**Professor of Nuclear Medicine (Cairo University) 06/2008 till present**

**Assistant Professor of Nuclear Medicine** **(Cairo University)** **11/2004 till 06/2008**

**Lecturer of Nuclear Medicine (Cairo University) 01/1999 till 11/2004**

**Assistant Lecturer of Nuclear Medicine 05/1996 till 1/1999**

 (Currently on Sabbatical leave to work in Saad Specialist Hospital)

*The Cairo University hospitals affiliated with the Faculty of Medicine comprise more than2000 beds, representing the largest medical institution in the Middle East.*

* Attended annual Radiology and nuclear Medicine conferences and presented my research work on several occasions.
* Participated in research projects and published over 30 national and international publications
* Supported the research projects of other MDs working towards their thesis:
	+ Neuroblastoma treatment with radioactive iodine.
	+ Nuclear Cardiology techniques for ischemic heart disease detection.
	+ Calculation of Gall bladder ejection fraction in hepato-biliary imaging.
* Gave lectures and scientific talks in Nuclear medicine to undergraduate and post-graduate candidates.
* Responsible for training the new residents in Nuclear medicine department.
* In addition to the clinical work of conventional and PET/CT nuclear medicine for patients presenting to Cairo university hospitals.

**Fellowship in Nuclear Medicine 10/1996 till 12/1998**

Leiden University Medical Center, Leiden, Netherlands

*LUMC is a modern university medical center for research, education and patient care with a high quality profile and a strong scientific orientation. Its unique research practice, ranging from pure fundamental medical research to applied clinical research, places LUMC among the top centers in Europe and worldwide.*

* Completed training in various diagnostic and therapeutic applications of Nuclear Medicine including Bone densitometry, Conventional PET imaging.
* Special emphasis on advanced techniques in scintigraphic procedures in renal transplantation and nuclear cardiology (myocardial perfusion, gated functional studies, and the Gated SPECT cardiac studies).

**Resident in Nuclear Medicine,** Cairo University, Egypt **03/1992 till 03/1995**

* Duties include orientation and technical teaching of house officers and Radiolgraphers.
* Performing and interpreting different radio- isotopic scanning techniques, including myocardial perfusion imaging (Tl-201 and MIBI), gated blood pool ventriculography and cerebral perfusion imaging and tumour imaging techniques.
* Duties also included applications of therapeutic Nuclear Medicine in the form of I-131, P-32, Re-186 HEDP and 131I-MIBG.

**Resident House Officer,** Cairo University, Egypt **03/1991 till 02/1992**

* 2 months rotation in Nuclear medicine, General surgery, Gynecology and Obstetrics, Pediatrics, General Medicine departments, and in Emergency Medicine

# Computer Skills

* Efficiently deal with and work with various computer programs e.g. Microsoft office (word, Excel, power points and outlook), Medical statistical programs e.g. SPSS.
* PACS and internet based medical soft-wares for radiology applications.

# Volunteer Experience

* Active member in the Saudi Cancer foundation with participation in their out-reach programs for cancer centers.
* Sharing in Saudi Oncology awareness and Health Care Education Program for the period from 2009 till 2013.

# Publications, Conferences & Workshops

* 30 national & international publications, ***full list available upon request***
* Attended and presented in national and international conferences for Nuclear Medicine, radiation safety, cardiology, PET/CT and oncology imaging and research methodology and more. ***Full list available upon request***.