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**-Last update:** AUGUST/2023

-**Current position:**

* **Radiology specialist in South Sudan Modern Hospital-JUBA on (Ultrasound , conventional radiography and fluoroscopic fields) .Start on 06/JUNE/2023 Till Now.**
* **Part-timer** (SHIKAN COLLAGE) collage of Radiology **B.Sc.** program March to May/2023. (On-line learning)
* **Part-timer** (ALNILIN University) collages of physiotherapy **B.Sc.** and **M.Sc.** programs 2022/2023. (On-line learning)
* **Part-timer** (ALFAJER University) collages of physiotherapy **B.Sc.** program 2022/2023. (On-line learning)
* **Course Instructor** **and Supervisor** of Radiology training courses at **Maharat Medical Training and Consultation Center** and at **Global Education and Training Center**. (On-line learning)

-**Previous position:**

* **Assistant Professor** (Radiologic sciences)-ALGHAD INTERNATIONAL COLLEGE- SAUDI AREBIA-JEDDAH.
* **Part-timer** (Ibnsena Uneversity- ALnilin University-National University) at collages of medicine, physiotherapy and medical radiological sciences.
* **Course Instructor** **and Supervisor** of Radiology training courses at Maharat medical training and consultation centre and at Global Education and training centre.
* **Radiation Protection Officer (RPO)** at SNRRA.

-**Biographic information:**

* **Name**: Ali Hayder Ali Gesmallah.
* **Date of birth**: 25.01.1984.
* **Place of birth**: Sudan-Gazira state- Almanagil.
* **Status**: married**.**
* **Children**: 4 girls.
* **Nationality**: Sudanese.
* **Religions**: Muslim.
* **Present Address:**  JUBA, SOUTH SUDAN.
* **Language**: Arabic (mother tongue)-English.
* **E-mail**: alialihayder2020@gmail.com. alialihayder@yahoo.com,, alialihayder2015@outlook.com,
* **Mob. South Sudan: Zain: +211910415453-Digital: +211980654522**
* **Mob. Sudan: call+ WhatsApp (+249123395995- +249111334570)**

**-Licensing Certificate:**

* **August/2020: Radiation Protection Officer (RPO)** certificate from SNRRA.
* **October 2018:** Full registration in Sudanese National Council for medical and health professions as Radiation Safety Officer.
* **November 2011:** Full registration in Sudanese National Council for medical and health professions.

**-Qualification:**

* **December 2018:** Ph.D degree in **Medical Physics** in (**Automatic Scoring of Performance Test in Conventional Diagnostic X-rays**).from Atomic Energy Council- Sudan Academy of Sciences.
* **January 2019:** MSc of **Sciences** in **Diagnostic Radiological** **Imaging** Sudan University- Collage of medical Radiological sciences.
* **April 2014:** MSc in Radiation and Environmental Protection obtained from Atomic Energy Council-Sudan Academy of Sciences.
* **November 2006:** Bachelor degree of science (honor) in diagnostic radiologic technology from college of medical radiological Sciences-Sudan university of science and technology.
* **2004-2006:** Training period in radiologic technology in Khartoum state hospital as prescribed within the 3rd and 4th B.sc years of student’s ship thereof from college of medical radiologic sciences.

**-Continual medical and technical training:**

* **1.6.2008 to 30.10.2008:** Practical training course in field of cardiac catheterization laboratory (CATH. LAB.) at National Heart Institute- Egypt…as a Radiological interventional-cardiac catheterization technologist.
* **15.9.2003 - 15.12.2003:** Diploma in computer skills from damsin institute company LTD from
* **June 2009 to June 2010:** Diploma in English communication course E.C.C from Kaplan.
* **May 2010:** Training course in radiation protection on using C.arm x-ray machine issued from Blue Nile Centre.
* **25thApril-2nd may 2009:** Training course in radiation protection in cardiology from National Institute for heart and lung diseases – Khartoum teaching hospital.
* **12-14/October/2017:** (24hrs) Research Methodology Training course at Maharat medical Training and Consultation Centre (Maharat SUDAN).
* **6 March2017-6 March 2020:** Basic Life Support (**BLS) Provider** from European Resuscitation Council.
* **10-**September-2019: Topic1: Radiation Protection During C-arm Fluroscopy-Online training courses-IAEA.
* **13-**September-2019: Radiation Dose Management in Computed Tomography-Online training courses-IAEA.
* **14-**20/11/2021 TOT training course from Technical and Vocational Training Corporation- SAUDI AREBIA.
* **22-**25/11/2021 TOT Design and preparation of training courses from Technical and Vocational Training Corporation- SAUDI AREBIA.
* **28-**30/11/2021 Online Educational and Training skills training course from Technical and Vocational Training Corporation- SAUDI AREBIA.
* **1-**3/12/2021 Online Exercise and activities training course from Technical and Vocational Training Corporation- SAUDI AREBIA.
* **6-**9/12/2021 Professional Marketing training course from Technical and Vocational Training Corporation- SAUDI AREBIA.

**-Teaching Experiences:**

* **Assistant Professor** (Radiologic sciences)-ALGHAD INTERNATIONAL COLLEGE- SAUDI AREBIA-JEDDAH –From November/2020 till 31/ July/2022 for the following courses **(General Physics-Principles of MRI-Principles of CT- Principles of ultrasound -Radiation Biology and Safety-Radiographic Pathology-Research Methodology-Research Project-Basic procedures of ultrasound).**
* **Part-timer** **Lecturer:** National university collage of radiologic sciences 2014 to instruct radiology department management.
* **Part-timer** **Lecturer:** National University collage of physiotherapy sciences 2014-2015-2016 to instruct basics radiology and image interpretation course.
* **Assistant Professor and Lecturer:** Ibn Sena university collage of physiotherapy and medicine at 2019-2020 to instruct basics radiology and image interpretation course.
* **Assistant Professor and Lecturer:** ALnilin university collage of physiotherapy and at 2020 to instruct basics radiology and image interpretation course.
* **Course Instructor** **and Supervisor** of Radiology training courses at ***Maharat medical training and consultation centre*** and at ***Global Education and training centre*** at period from 2014 to 2020 for the following courses:

-Radiology (Basics and image interpretation).

-Emergency radiology.

-Pediatric radiology.

-General Ultrasound (Basics, physics, technique and image interpretation).

- Obstetrics and gynecology Ultrasound (Basics, physics, technique and image interpretation).

-Radiation protection in medical applications.

-MRI safety.

-Ultrasound safety and bio effects.

-Radiobiology.

- Basics of Operation Theater in orthopedic surgery for technologist.

-Cardiac catheterization basics principles and technique.

-Preparation for FRCR.

**-Technical Experiences:**

* **18.12.2006-12.12.2007:** Junior radiologic technologist- conventional x.ray and ultrasound radiologic skills-from administration of medicine therapeutic services-Khartoum ministry of defense in radiologic and ultrasound sections at wad madani military hospital-Sudan.
* **1.1.2007-30.8.2007:** Junior radiologic technologist- CT and special investigations skills and ability to perform IVU,HSG, T.Tube test, Barium sallow, Barium meal, Bariumfollow through, Barium Enema, Cystogram and Fistologram at modern diagnostic radiology center-wadmadani teaching hospital-Sudan.
* **1.1.2007 to 30.6.2007:** Junior radiologic technologist- from radiologic department from Altaheel specialized hospital-Sudan.
* **1.11.2007 to 31.3.2008:** Junior radiologic technologist- conventional radiologic skills from Wad madani police hospital radiologic department.
* **1.1.2009 up to 9.12.2010:** Junior radiologic technologist- from Sudan Heart Centre (Cath.Lab. Basic skills and technique), as a Radiological interventional-cardiac catheterization technologist.
* **1.4.2009 to 22.6.2011:** Senior radiologic technologist- skills in using C-arm fluoroscopic x.ray machine in operation theater in orthopedic surgery (trauma, pelvis fracture, spine, implant), in urology surgery (retrograde study, ascending urethrogram , MCUG, and ureteric stenting from Khartoum North Teaching Hospital**.**
* **1.1.2009-30.6. 2010:** Senior radiologic technologist- from Khartoum North Teaching Hospital- Emergency section radiologic department.
* **24.10.2008- June/2013:** Permanent job in Wad madani heart diseases and surgery Centre (WHDSC) as senior radiologic technologist in cardiac catheterization department to perform diagnostic and therapeutic procedures (PTC,PTMC, Coronary artery stenting, and Mitral valve ballooning)- and start working at hospital from December 2010 at radiologic and cardiac catheterization lab.
* **1.1.2011 to December 2011:** Chief of radiologic department at (WHDSC).
* **1.6.2013 to 1.1.2017: I was entitled to work as** senior radiologic technologist in operation theater and then as radiation protection officer (RPO) and finally as a chief of radiology department-ALkuity specialized hospital-Sudan.
* **24.11.2016 to 1.8.2020: I was entitled to work as**  radiation protection officer (RPO) and as a chief of radiology department-ALjawda specialized hospital-Sudan.

***List of Publications:***

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| ***Authors and Titles*** | ***Journal*** |
| **Yousif Mohamed Y. Abdallah1, Ali Hayder2, 3, Eltayeb Wagiallah4****(**Automatic Enhancement of Mammography Images using Contrast Algorithm) | **International Journal of Science and Research (IJSR)****ISSN (Online): 2319-7064****Impact Factor (2012): 3.358** |
| **Ali H. A. Gesmallah1, SuhaibAlameen2, Mohamed E. M. Gar-Elnabi2****(**Measurement of Automatic Enhancement performance of Abdomen x-ray images using Automatic Scoring) | ***IOSR Journal of Applied Physics (IOSR-JAP) e-ISSN: 2278-4861.Volume 10, Issue 4 Ver. II (Jul. – Aug. 2018), 22-27 www.iosrjournals.org*** |
| **Ali H. A. Gesmallah1, Suhaibalameen2, Mohamed E. M. Gar-Elnabi2**(Contrast Enhancement of Chest X-Ray Images by Automatic Scoring) | ***IOSR Journal of Dental and Medical Sciences (IOSR-JDMS) e-ISSN: 2279-0853, p-ISSN: 2279-0861.Volume 17, Issue 7 Ver. 13 (July. 2018), PP 44-49 www.iosrjournals.org*** |

***Other information:***

* Able to deal with different culture.
* Capability of multitask achievement.
* Good interpersonal skills.
* Ability to work under sophisticated status.

***References:***

* ***Prof. Dr. Mohamed Elfadil Mohamed Gar-elnabi, Dean of*** *Faculty of Radiology & Medical Imaging Sciences - National University****. Tel : 0024990080859*** Email : mohamedelfadilmohamed@gmail.com.
* ***Dr. Ahmed Mustafa Abukonna , Assistant Professor , Dean of*** *College of Medical* Radiologic Science, Sudan University of Science and Technology. *Email : konaa17@hotmail.com , Tel : 0024991264189*
* ***Dr.Muataaz:0912972444.Medical Manager -Gawda Hospital.***
* ***Prof.Ahmed alsafi \_Maharat Sudan:0922760162***
* ***Khalda. Secretory of Maharat Sudan:0124985684***
* ***Enas GLOBAL training center:0915036737-0116579651-0121005925.***
* Dr.salah Alden almustafa-cardic surgeon (WHDSC).Mob.:(0123729694)
* Dr.yousuf Mohamed yousuf-College of Medical Radiologic sciences. Mob.:(0126641065).
* RPO.Abdallah Mohamed fahmi-Head of x.ray department -Kuwaiti Specialized Hospital.Mob.:(0123044640).
* Dr: Husien A.ALrahman Ali Dinar… National University- college of Radiology. (0112524699)- (0912576831).
* Dr: Muna ALhag- National University- college of Radiology-(0123654377)(0534870191).
* Dr. ALBAGIR-Assistant professor Radiology sciences-Jeddah Hospital (0539517200).
* Dr.yousuf Mohamed Yousuf-Associate Professor-Almagma University.(0501427451).

**JANUARY/ *2023***