

## Curriculum Vitae

Name: Mohammed Saeed Alkhalifa

Sex :Male

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Marital status: Married

### **Current Post:**

**1- Professor of medicine and cardiology - Faculty of Medicine- Omdurman Islamic University.**

**2- Consultant cardiologist Elshaab Teaching Hospital,  
National cardiothoracic centre.**

**3- Vice Chancellor, Alzaiem Alazhari University**

### **Certificates:**

Sudan Higher secondary certificate 1976 (First of the scientific branch)

MBBS 1982 University of Kartoum, Sudan.

MRCP UK 1991

FRCP London 2002

### **Posts held:**

#### ***Housemanship:***

Dec. 1982 – Jan. 1984 Wad medani and Kosti teaching hospitals  
Sudan

#### ***Medical office rural service:***

April 1984 –May 1985 Damazine Hospital

#### ***Resident in General Medicine:***

May 1985- feb.1987 Khartoum Teaching Hospital.

#### ***PHC officer:***

March 1987- Nov.1988 Riyadh area - Kingdom of Saudi Arabia.

***Senior resident In General Medicine:***

Dec. 1988- Jan1990 Security forces Hospital Riyadh , Kingdom of Saudi Arabia.

***Attachment in General Medicine:***

Feb 1990 – July 1990 Northampton general Hospital and John Radcliffe Hospital Oxford UK

***Senior Houseofficer:***

Aug. 1990 – Jan. 1992 Orpington, St. Asaph and Caerphilly hospitals UK

***Registrar:***

Feb. 1992 Feb. 1993 St. Mary's hospital, Isle of Wight UK

***Specialist in General Medicine with interest in Cardiology:***

March1993- July 1997 Elnao hospital, Khartoum Teaching Hospital - Sudan

***Consultant Crdiologist:***

Aug. 1997 till now Elshaab teaching hospital (the national cardiothoracic centre) and Ahmed Gasim cardiac centre - Sudan.

***Academic titles :***

Faculty of Medicine, Omdurman Islamic university

***Assistant Professor in Medicine: 1993 -1999***

***A ssociate professor in Medicine and cardiology: 2000 -2006:***

***Professor of Medicine and Cardiology:*** December 2006

***Academic administrative posts:***

***Dean Faculty of Medicine,*** Omdurman Islamic university Sep.2004 – Sep2005

***Deputy Vice Chancellor,*** Omdurman Islamic university Sep 2005 – february 2011.

***Professional posts:***

***General Director:*** Elnao Teaching Hospital March 1993 – Dec 1994

**General Director:** Ahmed Gasim Cardiac Centre July 1997 – June 1998

**General Director:** Elshaab Teaching Hospital Jan 2004 – Dec 2004

**Professional Affiliations and memberships**

- **President and founder of the Higher Board for Cardiac Speciality (cardiology, pediatric cardiology and cardiac surgery), Sudan Medical Specialization Board (SMSB) 2009 till now**
- **Member of the higher committee of the SMSB 2004 till now**
- **Member of the Sudan Medical council internal medicine committee 2000 -2004**
- **Member of the General Medicine Speciality Board at SMSB 2004 till now**
- **Member of the executive committee of the Sudan cardiac society 2006 till now**
- **Member of the executive committee of the Sudan Physicians association 2004 -2008**
- **President of the cardiac speciality consultancy board for the ministry of health 2009 till now**
- **Member of the EAPCI (European association of percutaneous interventions).**

**Experience and special areas of interest**

I have rotated to most of the specialities and disciplines of internal medicine and cardiology at different areas and times but I may focus on some areas of interest:

### **a- Medical Education**

I have an interest in medical education , curriculum design, the methodology of teaching and students evaluation. I participated in many conferences and workshops as well as I participated in the curriculum design and reforms of some medical schools. I had a published paper (Reforms of Medical Curricula) and a short textbook (a Guide to Context Medicine).

### **b- Total Quality Management system and Standard Hospital Practice**

One of my main goals after my return to Sudan was to improve the health care system and to help to establish strategic plan for health care delivery and to implement the concepts of standard practice centred on achieving a quality patient care.

I established Elnao Teaching hospital as a pilot example for standard practice on 1993

I participated as the leading designer of the strategic and operational plans of Ahmed Gasim cardiac centre and Alkawda cath lab as well as a member of the leading task force to establish the Sudan cardiac centre and the Sudan cardiac institute

I worked as a general director of Ahmed Gasim and Elshaab Teaching hospitals.

### **c- Strategic planning and higher education**

I participated actively in disseminating the culture of the strategic administration and the concepts of credit and accreditation in the institutes of higher education. My main efforts were focused in

Omdurman Islamic University (I worked as the dean of the faculty of Medicine then I moved to the position of the deputy Vice Chancellor to lead the designing and implementation of the strategic plan of the University).

I am a trainer on the strategic planning and leadership according to the methodology of the balanced score cards (BSC).

#### **d- Cardiac Practice**

Cardiac service was very good in the Sudan in the late seventies and early eighties ( with a cath lab and open cardiac surgery) then it went into a dark area ( with non invasive service only i.e. clinical with 2D and M mode Echo and CCU). In 1996 we started the reforms by the introduction of the service of both temporary and permanent pacing and we decided to establish open heart surgery as a sustainable program in the Sudan which led us to establish Ahmed Gasim Cardiac Centre as a pilot program.

#### **Ahmed Gasim Cardiac Centre**

Was established in 1997. the cardiology service included non invasive lab ( packed with Vingmed Echo Doppler machine with omni plane TEE facility, Shiller Holter and stress machine) with limited invasive procedures image intensifier (for pacing and Rt and Lt cardiac catheterization { oxgenation and pressure studies}) and Intra Aortic Balloon Pump (IAB). The cardiac surgery was mainly for valvular and simple congenital lesions.

In 2004 Toshiba cath lab was installed and currently PCI, PTMC, Balloon pulmonary valvuloplasty and Amlatzer closure to ASD, PDA

and sometimes VSD closure are all done routinely at the centre with the cardiac surgery extended to involve CABG and more complicated congenital and valvular surgery.

After A Gasim cardiac centre I participated in renewing Elshaab National cardiothoracic centre and establishing the Sudan Heart centre and Almwada cath lab (private).

Currently I am running my units in A Gasim and Elshaab and am the director of Almwada cath lab.

### **Workshops and conferences**

I attended a lot of workshops and conferences

In the field of Cardiology I am a regular attendant of the PCR, I attend some of the Congresses of the European Society of Cardiology (ESC) and one or two of the regional cardiology meetings per year.

I attend at least two conferences per year on the issues of higher education, medical education and quality and administration.

I participate in around 50% of the major local conferences and workshops on the above mentioned issues.

### **Editing and research:**

I am a **Co editor** of the Sudan medical Journal and a **Reviewer** for the Journal of Interventional Cardiology of the European Cardiac Society and the Africa Journal of Pharmacy and Pharmacological Research.

### **Curriculum development:**

I participated in the development of the curricula of some medical schools as well as the Cardiology curriculum for the Internal Medicine speciality.

I am the president of the Cardiac specialty board who recently developed the Curriculum of Cardiology MD for the SMSB.

### **Supervision of MD degree Thesis:**

I am a regular supervisor for the MD thesis of the students of the Internal medicine Board, SMSB in the area of Cardiology (about 1-2 thesis per year).

### **Supervision of teaching and Training:**

I am involved regularly on both under and post graduate teaching and training since 1992.

### **Clinical MD examiner:**

I am a regular examiner for post graduate MD students in general medicine as well as a regular examiner for undergraduate students

### **Professional initiatives**

- Development of the continuous medical education (CME) and professional development (CPD) guidelines and formats
- Development of the emergency cardiac protocols
- Development of the strategic plans for the cardiac consultancy council, the national cardiac center, the cardiac board of the SMSB

### **Administrative initiatives**

- Development of the Omdurman Islamic University Strategic plan
- Participation in credit and accreditation guidelines and format for the Higher Education

### **Capacity building and Human resources**

We established an NGO, Capacities international organization (CIO) for strategic planning and capacity building and human resources development. we trained some organizations and authorities to reform their plans and launch sound strategic plans according to the **balanced score cards (BSC) methodology**, some of the examples:

- The National Health Insurance Fund
- The national service
- Elshimal Islamic Bank
- Some NGOs (SIDO, SIMA, HAC and ARA)
- Hajj and Omra corporation
- In **Gazza strip, Palastine** (The ministry of health, Alagsa University, the Islamic university, the leaders of the civil service)

### **Other areas of interest**

Volnteer work and NGOs

- I worked with the Benevolence International organization 1993-2000 and I was the president of the organization from 1995-1997
- I was the president of Pan Care health organization 2000- 2003
- Iam the director of the external relations of the sudan islamic medical association (SIMA)
- Iam the supervisor of the Capacities international organization (we designed courses and presentations in the Strategic Administration, the logic Frame work, Leadership, Communication, investors in people and Total Quality management.

## **Publications:**

### Published papers:

1. د. محمد سعيد الخليفة **إصلاح مناهج التعليم الطبي-1**

مجلة بحوث و دراسات العالم الإسلامى العدد الثانى يونيو 2006: 98- 119

2. M Elamin Ahmed, A Babiker Ali, I Ahmed Ali , M S ElKhalifa , A A Salama

**Surgery of left atrial myxoma at Elshaab and Ahemd Gasim**

**Cardiac Center** [original article] Sudan medical Journal Vol 41 No 2&3 May- October 2004]

3. M S Alkhalifa, Ali Mohammed Omar. **Coronary anomalies in the Sudanese Patients; angiographic study and review** [original article]

Sudan Journal of Medical sciences Vol.1, No, 1, Sept.2006:43-47

4. M S Alkhalifa, Huda H M Elhassan. F A Suliman, Ibtam A Ali, Tamadur E

Elsadig, M K Awad Gasim. **Percutaneous transmitral balloon commissurotomy**

**procedural success and immediate results at Ahmed Gasim Cardiac**

**Center**, [Original article]. Sudan Journal of Medical sciences Vol.1,No,2,Dec.2006:115-119

5- M S Alkhalifa, E E Elnour, Huda H M Elhassan. **Evidence based medicine an innovative approach to an old practice [Editorial ]**

Sudan Journal of Medical sciences. Vol.1,No,2,Dec.2006:93-96

6- Gadour M O EH , Al kalaefa M S

**Hepatic Encephalopathy: high lights**

Sudan Journal of Medical sciences Vo2.1,No,2,Mar.2007:49-56

7- Mohammed Osman El-Hassan Gadour, Ephraim Ayobanji Ayoola, Mohammad

AM Ibnouf, Mohammed Saeed Al kalaefa **Hepatopulmonary syndrome: updated**

Sudan Journal of Medical sciences [Review article]

Vol.1,No,2,Dec.2006:133-142

8- M s. ALKHALIFA, S A IBRAHIM, samia h. Osman, **Pattern & severity of rheumatic valvular lesions in Sudanese children** [Original article] Eastern Mediterranean Health Journal Vol 14, No 5, 2008: 29-35

9- M S. ALKhalifa, M. E.A.Ismaeel, E E Elnour, Huda H M Elhassan, **Valvular lesions any progress** [original article] Vol 1 Sudan Medical Monitor

10- M. Elamin Ahmed, Ibtisam A Ali, M. Saeed Alkhalifa , Yasir Hanafi **Cardiac surgery in the Sudan: past, present and future** [under press Sudan medical Journal].

11- M S Alkhalifa, Huda H M Elhassan. Ibtisam A Ali, M E Farah, E E Elnour **Coronary syndromes are we still at the take off point** [Editorial]

Sudan Journal of Medical sciences. Vol.2,No,2,June.2007:123-128

12- M S Alkhalifa, Huda H M Elhassan. Ibtisam A Ali, M E Farah, Tamadur E

Elsadig, , **Combined mitral and tricuspid percutaneous balloon valvoplasty. [Original article]** {Accepted, Sudan Medical Monitor}

13- M S Alkhalifa, Huda H M Elhassan. E E Elnour, M E Farah, **Coronary revascularization an updated overview** [Review article], [Accepted, Sudan Journal of medical sciences].

**14-** Mansour Eltahir Farah, Khairia Eltahir, Huda HM Elhassan, Mohammed O EH Gadour, Mohammed Saeed Alkhaleefa

**Pattern of plasma lipoprotein (a) in Sudanese patients with coronary artery disease**

Sudan Journal of Medical sciences. Vol.2,No,3, Sep.2007:197-200

15- M S Alkhaifa E E Elnour **Coronary Revascularization**

Sudan Journal of Medical sciences. Vol.2,No,4, Dec.2007:277-280

16- Mansour Eltahir Farah, Osama Saleh Mohamed, Samira Mohamed Miraghni, Mohammed Osman El Hassan Gadour, Mohammed Saeed Alkhalifa **Incidence of ventricular arrhythmias, brady-arrhythmias and sudden cardiac death in Sudanese Patients with acute Myocardial Infarction**

Sudan Journal of Medical sciences. Vol.3,No,4, Dec.2008:325-332

17- M S Alkhalifa, Maha Elnima, S A Ismaeel

**Echocardiography in helping to determine the Causes of Pericardial Effusion in the Sudanese patients**

Sudan Journal of Medical sciences. Vol.4,No,1, Mar.2009:63-70

18- Tamadur E Elsadig, Yaha Shakir, M S Alkhalifa **Left ventricular hypertrophy in children with chronic renal failure.**

[original article]

Sudan Journal of Medical sciences (under press)

19. **Prevalence of metabolic syndrome in Sudanese patients with established**

**coronary artery disease** [original article]. Sudan Journal of Medical sciences (under press)

### **Manuscripts under preparation**

1- Establishing strategic plan for scientific research for the Islamic world

2- Trends of medical research in the Islamic world – the way stray from strategic approach

3- The research and university curricula: Study case of Omdurman Islamic University, Faculty of Medicine

4- Gaza, the other side of the coin, the scientific and professional blockage: a short trip made the difference in interventional cardiology

### **Books:**

1. Guide to context medicine –

2. Context Cardiology (under preparation)

### **Referees:**

1. Prof. Osman Taha

President of Sudan Medical Specialization board

2. Prof. Mubarak Mohd Ali Elmagzob.

Former minstreof higher education

3. Prof. Mamoun Homieda

President of Sudan Academy for Medical sciences and Technology

4.Prof. Mohammed O Salih

Former Vice Chancellor Omdurman Islamic University