

## Curriculum Viate

### 1. Personal Data:

Name: Alsafi Ahmed Abdella Bala.  
Date of birth: 13/01/1961.  
Place of birth: Khartoum.  
Religion: Muslim.  
Marital status: Married.  
Degree Associate Professor( Diagnostic Medical Ultrasound Imaging)

2. **Present address:** Sudan University of Science and Technology, College of Medical Radiological Science P.O. Box 1908, Khartoum –Sudan. Tel : 00249183771818. Fax : 00249183785215 . Mobile: 0912355314.E-mail: [Alsafi1000@hotmail.com](mailto:Alsafi1000@hotmail.com).

### 3. Education:

- **1980** Elgaily higher school.
- **1977** Elafoon Secondary School.
- **1974** Almahas Primary School

### 4. Qualifications:

- 2008 PhD in Diagnostic Medical Ultrasound**, Sudan University of Science and Technology, College of graduate studies, Khartoum, Sudan.  
**Research title:** **The ultrasound findings in diabetic eyes retinopathy in Sudan.**
- **2006 PhD in Diagnostic Medical Ultrasound**, University of Ludis- Lugano, Swisserland.  
**Research title:** **Ultrasound screening of hepatic cystic masses in Sudanese population**
- **2002 MSc .in Diagnostic Medical Ultrasound**, Sudan university of science and technology, College of graduate studies, Khartoum, Sudan.  
**Research title:** **Ultrasound appearance of gall bladder wall thickness in patients with Cholecystitis.**
- **1999 Post graduate Diploma in Diagnostic Medical Ultrasound**, Sudan University of science and technology, College of Medical Radiological Science, Khartoum, Sudan.
- **1997 B.Sc in Radiation Therapy Technology**, Sudan University of science and technology, College of Medical Radiological Science, Khartoum, Sudan.

- **1992 B.Sc in Radiation Therapy and Education**, Sudan University of science and technology, College of Medical Radiological Science, Khartoum- Sudan.
- **1984 Diploma in Radiotherapy Technology**, Higher Institute of Radiography and Radiotherapy . Khartoum-Sudan.

- 5. Area of interest:**
- Diagnostic Medical Ultrasound.
  - Radiation therapy and nuclear medicine.
  - Radiation therapy planning and technique.
  - Radiation therapy quality assurance.
  - Care of cancer patients
  - Radiology department management.
  - Ultrasound technique and physics.
  - Small parts and abdominal ultrasound.

**6. Professional experience:**

- **2010 reviewer** 10 articles for Journal of Science and Technology Sudan University of science and technology, Khartoum- Sudan.
- **2006 Assistant Professor** , Sudan University of Science and Technology, College of Medical Radiological Science, Khartoum-Sudan., (Ultrasound Physics ,small parts, abdomen, Obstetrics and Gynecology, Color Doppler.).
- **2006- Training** in Color Doppler Ultrasound, Lahore- Pakistan.
- **2006 Training** in Color Doppler Ultrasound (Swiss).
- **1990-2006 Lecturer**, Sudan University of Science and Technology, College of Medical Radiological Science, Khartoum, Sudan.(departmental management, ultrasound physics and techniques, Molding Technology.).
- **2003-2010 Internal examiner for ultrasound post graduate studies** (15 Thesis) Sudan University of Science and Technology, College of graduate studies, Khartoum-Sudan.
- **1985-1990 Kuwait cancer** controlling center working as Radiotherapy Technologist, Radiotherapy Planning and Nuclear Medicine Department in Radiation and Isotope Center.

## 7. Teaching experience:

- Undergraduate:**
- Radio therapy planning.
  - Radiotherapy technique.
  - Quality assurance in radiotherapy.
  - Applied radiotherapy physics.
  - Nuclear medicine technique
  - Radiology department management

- Postgraduate:**
- Ultrasound physics.
  - Ultrasound in obstetrics and gynecology.
  - Abdominal ultrasound.
  - Doppler ultrasound.

## 8. Supervision of post graduate students:

### a- Sudan University of Science and Technology:

- **50 M.Sc** Students in Diagnostic Medical Ultrasound - Sudan University of Science and Technology, College of graduate studies, Khartoum- Sudan.and Asio –African Institute- Lahore –Pakistan
- **3 Ph.D** Students (Co-Supervisor) in Diagnostic Medical Ultrasound - Sudan University of Science and Technology, College of graduate studies, Khartoum- Sudan. (Current researches)

## 9. Research projects:

- Diagnostic medical ultrasound imaging.
- Obstetrics and gynecology ultrasound
- Color Doppler ultrasound
- Musculoskeletal ultrasound
- Echocardiography
- Small parts ultrasound.

## 10. Administrative experience:

- **2000-2010 Course Coordinator for M.Sc in Ultrasound Program** Sudan University of Science and Technology, College of graduate studies, Khartoum- Sudan.
- **2006-Up to date. Dean of Collage of Medical Radiological Sciences** Sudan University of Science and Technology.
- **2006- Up to date head of research committee in Collage of Medical Radiological Sciences** Sudan University of Science and Technology.
- **2008- Up to date head of accreditation committee in Collage of Medical Radiological Sciences** Sudan University of Science and Technology.

- **2008- Up to date head of syllabus development committee in Collage of Medical Radiological Sciences Sudan University of Science and Technology.**

#### **11. Member ship:**

- **2006- up to date member of medical council Sudan University of Science and Technology.**
- **2006- up to date member of AAIMS, Lahore-Pakistan.**
- **2009- up to date member of SUMRA,( Sudanese Medical Radiological association . Khartoum –Sudan**

#### **12. Publications:**

Syed Amir Gilani, Amber Javaid ,**Alsafi Abdella Bala, Doppler ultrasound assessment of the ductus venosus in the normal fetus between 20 and 40 weeks gestation in the Pakistani population**, British Medical Ultrasound 2010; 18: 148–151.

Basil A.Abidulgany,Syed Amir Gilani,**Alsafi Abdella Bala ,Intrarenal Resistive Index (RI)& Hypertension**, international journal of medical diagnostic ultrasound, ISSN 2218-4139 Vol 1 ,Number 1 July 2010.

Yousif Mohamed Yousif Abdalla,Mohamed Elfadil Mohamed ,Mohamed Ahmed .A.Omer, **Alsafi Ahmed.A,Computed Verification of Light and Radiation field Size Superimposition on Cobalt-60**,Sudan Medical Monitor Journal, **Vol 5.No.2.March 2010**

**Alsafi Abdella Bala**,Syed Amir Gilani, Seif .E. Hassan, Caroline.E.Ayad, Abdelmoniem Suliman, Omer M.A.A,Gar-elnabi M.E.M. **Assessment of carotid artery changes in hypertensive patients using Doppler ultrasound in Sudan**, ISSN 2218-4139- Bi-annual international journal of medical diagnostic ultrasound. **Vol 3 Number 2 July 2011.**

**Alsafi Abdella Bala**,Syed Amir Gilani , Omer M.A.A,Gar-elnabi M.E.M, Caroline.E.Ayad ,Bushra H.Ahmed,Mostafa Z.Mahmoud,Zahra M A .Osman. **Ultrasound findings of renal failure patients and creatinine serum level relationship**, ISSN 2218-4139- Bi-annual international journal of medical diagnostic ultrasound.**Vol 3 Number 2 July 2011.**

**Alsafi Abdella Bala**, Syed Amir Gilani, Abdelmoniem Suliman, Mahmoud Salih, Omer M.A.A, Gar-elnabi. **Ultrasound findings of abortion in Southern Kordofan**, Sudan, ISSN 2218-4139- Bi-annual international journal of medical diagnostic ultrasound. Vol 2 Number 1 July 2011 .

**Alsafi Abdella Bala**, Syed Amir Gilani , Sumaiya.A Mohamed, Caroline.E.Ayad , Gar-elnabi M.E.M **Ultrasound Evaluation Of Chronic Kidney Diseases in Children**, ISSN 2218-4139 , Bi-annual international journal of medical diagnostic ultrasound VOL 2 Number 1 July 2011.

Omer M.A.A, Saion E, Gar-elnabi M.E.M, **Balla E.A.A**, Dahlan K.M, and Abdullah Y.M.Y, **Gamma Radiation Synthesis and Characterization of Polyvinyl Alcohol /Silver Nanocomposites Film**. **Journal of Science and Technology**.

**Alsafi Abdella Bala**, Abeer Osman , Mohamed Elfadil Mohamed Gar- Elnabi , Caroline.E.Ayad , Abdelmonem Saeed. **Prediction of pre-eclampsia and intrauterine growth restriction using Uterine Artery Doppler Ultrasound**. **Sudan Medical Monitor Journal Vol. 6 No 3 .2011**

Omer M.A.A, Gar-elnabi M.E.M, Saion E, **Balla E.A.A**, AL-Zahrany A.A, Abdullah Y.M.Y, Dahlan, Haron M.H and Rabaeh K.A.M, **Normoxic Polymer Gel of Hydroxyethyl-acrylate(HEA) as radiation therapy dosimeter**. **Journal of Science and Technology**.

Gar-elnabi M.E.M, Alport M.J, Rae W.I.D, Omer M.A.A, **Balla E.A.A**, **Characterization of normal breast tissues using texture analysis**. **Journal of Science and Technology**.

Caroline. E. Ayad , Osman Mubarak Ali Mohammed, **Alsafi. A.A.Bala** .Mohamed E.M.Garelanabi , **A Radiologic Study of billiary tree dimension in obstructive jaundice**. **Sudan Medical Monitor Journal.Vol 6 No . 2, 2011**

### **13. Seminars ,conferences and Symposia:**

- 1- Color Doppler** in small parts, European and Adriatic Color Doppler Society 44 Congress, March 2006, Swiss.
- 2- Computed** Verification of Light and Radiation field Size Superimposition on Cobalt-60, 2<sup>nd</sup> cancer conference in Sudan. Friend ship Hall, Khartoum-Sudan, and December 2010.

**14. Languages Spoken:**

**Mother tongue:** Arabic Language.

**Other Language:** English Language.

**15. Referees:**

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