

Curriculum Vitae
AHMED HASSAN FAHAL

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Personal Details

Name	Ahmed Hassan Fahal
Date of Birth:	25th December 1956
Place of Birth:	Khartoum – Sudan
Gander:	Male
Marital Status:	Married with four children
Nationality:	Sudanese
Address:	Department of Surgery Faculty of Medicine University of Khartoum P.O. Box 102 Khartoum - Sudan E. Mail: ahfahal@hotmail.com ahfahal@uofk.edu
Present Position:	Professor of Surgery Department of Surgery University of Khartoum Consultant Surgeon Soba University Hospital
Additionally:	Director, The Mycetoma Research Centre University of Khartoum www.mycetoma.edu.sd
Qualifications:	
MBBS	Khartoum, 1979, Distinction
MS	Khartoum, 1984, Distinction
MD	Khartoum, 1996, Distinction
FRCS	Dublin- Ireland
FRCP	London, 2011
Sudan Medical Council:	Full Registration No. 2998. Consultants Registry No. 330

Clinical & Academic Appointments & Professional Experience

Sept 1979 - Sept 1980	House Officer Soba University & Khartoum Teaching Hospital
Sept 1980 - Sept 1981	Senior House Officer General and Plastic Surgery Soba University Hospital
Sept 1981 - Sept 1984	Rotating Registrar in Training Khartoum Teaching Hospital Soba University Hospital Shaab Teaching Hospital
Sept 1984 - Sept 1986	Lecturer Department of Surgery University of Khartoum Senior Surgical Registrar Khartoum Teaching Hospital
Sept 1986 - Mar 1988	Rotating Registrar in Training The Middlesex & University College Hospitals United Kingdom – London
July 1988 - Present	Consultant Surgeon Soba University, Khartoum Teaching Hospitals

Academic Appointments

1981 - 1984	Teaching Assistant - University of Khartoum
1984 - 1990	Assistant Professor - University of Khartoum
1990 - 1997	Associate Professor - University of Khartoum
1997 - Present	Professor of Surgery - University of Khartoum

Specialised Training

- **Gastrointestinal Diagnostic & Therapeutic Endoscopy**
- **Doppler Vascular Assessment**
- **Percutaneous Ultrasound-Guided Biopsy & Fluid Aspiration**
- **Laparoscopic Surgery**

Field of Work

- **Mainly General Surgery with special interest in Gastrointestinal, Tropical and Endocrine Surgery**

Special Interest

- **Medical Education, WHO Consultant**
- **Quality and Excellence in Higher Education**

Awards

- **The State of the Sudan Golden Medal for Excellence & the Promotion of Scientific Innovation in Medicine - Sudan, 2000**
- **The Ziber Award for Excellence in Medicine - Sudan, 2000**
- **Premio Cabeza Maya - International Research Group on Pathogenic Actinomycetes (GIIAP), Mexico, 2007**
- **The University of Khartoum Award for Excellence in Scientific Research, Sudan, 2010**

Professional Courses & Workshops Attended

- **Postgraduate Course in Traumatology, Lund University, 1985, Lund, Sweden.**
- **Computer Sciences Course, 1985, Khartoum, Sudan.**
- **Anastomosis Workshop, The Royal College of Surgeons of England, 1987, London, England.**
- **Intensive Course in General Surgery, The Royal College of Surgeons of England, 1987, London, England.**
- **Liver Diseases Update Africa Course, The African Association for the Study of Liver Diseases, 1992, Cape Town, South Africa.**
- **Laparoscopic Surgery Course, The World Congress of Gastroenterology, 1994, Los Angeles, USA.**
- **Visiting Physician, University of Southern California, 1994, Los Angeles, USA.**
- **Laparoscopic Surgery Course, Leeds University, 1997, Leeds, UK.**
- **Disaster Medicine Workshop, Pan African Association of Surgeons, 1999, Nairobi, Kenya.**
- **Advanced Therapeutic Endoscopy, Theor Bihar Research Institute, 2000, Cairo, Egypt.**
- **Post-graduate Endoscopy Course, World Congress of Gastroenterology, 2002, Bangkok, Thailand.**
- **Advanced Trauma Live Support (ATLS) Course, 2002, Doha, Qatar.**
- **Bruli Ulcer Advocacy Workshop, WHO, Nairobi, Kenya, 2004.**
- **Post-Conflict Health Service Reform in the Sudan, WHO, Khartoum, Sudan, 2004.**
- **Global Academy of Tropical Surgery Constitutional Meeting, EMRO-**

WHO, Cairo, Egypt, 2004.

- **Total Quality Management Workshop, Abu Dhabi, UAE, 2006.**
- **Self-assessment and Quality in higher Education, Arab Universities Union, Amman Jordan, 2008.**

Courses & Workshops Attended In Medical Education

- **Objective Structured Clinical Examination (OSCE) Course, Educational Development Centre, University of Khartoum in collaboration with Centre for Medical Educational, University of Dundee, 1988, Khartoum, Sudan.**
- **Undergraduate Surgical Teaching & Evaluation Workshop, Educational Development Centre, University of Khartoum, 1989, Khartoum, Sudan.**
- **Goals, Priorities & Plan of Action. Educational Development Centre, University of Khartoum, 1996, Khartoum, Sudan.**
- **Students Assessment & Evaluation Course, Ahfad University, 1996, Omdurman, Sudan.**
- **Recent Changes in Medical Education, Educational development Centre, University of Khartoum, 1996, Khartoum, Sudan.**
- **Problem Based Learning Workshop, Educational Development Centre, University of Gezeria, in collaboration with Centre for Medical Educational, University of Dundee, 1996, Madani, Sudan.**
- **Problem Based Learning, Summer Course, University of Maastricht, 1999, Maastricht, The Netherlands.**
- **Expanding Horizons in Problem Based Learning, Summer Course, University of Maastricht, 1999, Maastricht, The Netherlands.**
- **Teaching & Learning Workshop Course, Association for Medical Education in Europe, Annual Meeting, 2002, Lisbon, Portugal.**

- **Celebration of the OSCE Workshop, Association for Medical Education in Europe, Annual Meeting, 2002, Lisbon, Portugal.**
- **Certificate in Health Professions Education, Sultan Qaboos University, 2002, Muscat, Sultanate of Oman.**
- **The Third GCC Conference of Medical Faculties of Medicine on Medical Education, 2002, Muscat, Sultanate of Oman.**
- **Health Research Ethics in Africa, AMANET, 2003, Khartoum, Sudan.**
- **Workshop on Specific Operational Procedures of Ethics Committee, AMANET, 2003, Entebbe, Uganda.**
- **Workshop on Study Guides, Association for Medical Education in Europe, Annual Meeting, 2003, Bern, Switzerland.**
- **Workshop on Electronic Learning, Association for Medical Education in Europe, Annual Meeting, 2003, Bern, Switzerland.**
- **Workshop on E. Learning, Association for Medical Education in Europe, Annual Meeting, 2004, Edinburgh, UK.**
- **Workshop on Evidence Based Medicine, Association for Medical Education in Europe, Annual Meeting, 2004, Edinburgh, UK.**
- **Workshop on Staff Development, Association for the Study of Medical Education, 2004, Liverpool, UK.**
- **Workshop on Evidence Based Medicine, Educational Development**

- Centre, Khartoum, 2005, Khartoum, Sudan.
- **Workshop on Effective Teaching, Association for Medical Education in Europe, Annual Meeting, 2005, Amsterdam, The Netherlands. .**
 - **Workshop on SMILE, Association for Medical Education in Europe, Annual Meeting, 2006, Genoa, Italy.**
 - **Workshop on Medical Professionalism, Association for Medical Education in Europe, Annual Meeting, 2007, Trondheim, Norway.**
 - **Workshop on Telemedicine and E-Health, Association for Medical Education in Europe, Annual Meeting, 2007, Trondheim, Norway.**
 - **Workshop on Medical Professionalism: an exploration of international similarities and differences in teaching and learning about professionalism, Association for Medical Education in Europe, Annual Meeting, 2007, Trondheim, Norway.**
 - **Workshop on Using Humour to tap Multiple Intelligences In Medical Education, Association for Medical Education in Europe, Annual Meeting, 2007, Trondheim, Norway.**
 - **Workshop on Analysis of Small Group Learning, Association for Medical Education in Europe, Annual Meeting, 2007, Trondheim, Norway.**
 - **Essential skills in Medical Education, Association for Medical Education in Europe, 2007, Khartoum, Sudan.**
 - **Technology Enhanced Medical Education, Association for Medical**

Education in Europe, Annual Meeting, 2008, Prague.

- **Scholarly Evaluation Workshop, Association for Medical Education in Europe, Annual Meeting, 2008, Prague.**
- **Clinical teaching Workshop, Association for Medical Education in Europe, Annual Meeting, 2009, Malaga, Spain.**
- **Student assessment Workshop, Association for Medical Education in Europe, Annual Meeting, 2009, Malaga, Spain.**
- **E. Learning Workshop, Association for Medical Education in Europe, Annual Meeting, 2010, Glasgow, United Kingdom.**
- **Usability testing of E. Learning Workshop, Association for Medical Education in Europe, Annual Meeting, 2011, Vienna, Austria.**
- **Structured Approach to Effective Virtual Patient Authoring Workshop, Association for Medical Education in Europe, Annual Meeting, 2011, Vienna, Austria.**
- **Bruised, bloody and burned: Basic Moulage techniques Workshop, Association for Medical Education in Europe, Annual Meeting, 2011, Vienna, Austria.**
- **Measurement of clinical skills: Advanced topics Workshop, Association for Medical Education in Europe, Annual Meeting, 2011, Vienna, Austria.**
- **Measuring OSCE quality: A practical guide Workshop, Association for Medical Education in Europe, Annual Meeting, 2011, Vienna, Austria.**

- **The Association for Medical Education in Europe, Annual Conference from 2002 –present.**
- **The Saudi Medical Educational Association, International conferences, 2007, 2009.**
- **The international Medical Education Conferences in the Sudan, 2005, 2007, 2009.**

Scholarships

- **University of Lund, Sweden, 1985**
- **British Council Scholarship, England, 1986 - 1988**
- **The African Association for the Study of Liver Diseases, Cape Town, South Africa, 1992**
- **The World Congress of Gastroenterology, (Young Clinicians), Los Angeles, USA, 1994**
- **British Council Scholarship, Leeds, England, 1997**
- **University of Maastricht, Maastricht, The Netherlands, 1999**

**Administrative, Professional
& Academic
Responsibilities & Activities**

Clinical Service Activities

- **Rotating Surgical Registrar, Khartoum, Sudan, 1981-1984.**
- **Senior Registrar, Academic Department of Surgery, Khartoum Teaching Hospital, Consultant cover for 40 surgical beds, 1984-1986.**
- **Weekly General Surgical Out-Patient Clinic, Khartoum Teaching Hospital, 1984-1986.**
- **Weekly Hand Clinic at Khartoum Teaching Hospital, 1984-1986.**
- **Weekly Scrotal Conditions Clinic at Khartoum Teaching Hospital, 1984-1986.**
- **Consultant Surgeon, Academic Department of Surgery, Khartoum Teaching Hospital, Consultant cover for 40 surgical beds, 1988-1992.**
- **Weekly General Surgical Out-Patient Clinic, Khartoum Teaching Hospital, 1988- 1992.**
- **Twice weekly casualty covers to Khartoum Teaching Hospital, Academic Surgical Department, 1984-1986, 1988-1992.**
- **Consultant Surgeon, Soba University Hospital, Consultant cover for 30 surgical beds, 1992-Present.**
- **Weekly casualty covers to Ibrahim Malik Teaching Hospital, Surgical Department, 1992-1995.**
- **Weekly General Surgical Out-Patient Clinic, Soba University Hospital, 1992- Present.**
- **Weekly Mycetoma Clinic, Soba University Hospital, 1988-present.**
- **Weekly Breast Clinic, Soba University Hospital, 1988-Present.**
- **Weekly Thyroid Clinic, Soba University Hospital, 1992-Present.**

- **Weekly Gastrointestinal Endoscopic Session, Soba University Hospital, 1988-Present.**
- **Consultant Surgeon to the University Health Service, 1988-1996.**
- **Consultant Surgeon to the Central Police Hospital, 1990-1998.**

Administrative Responsibilities

- **The Academic Secretary, University of Khartoum, Khartoum, Sudan, 2009 – present.**
- **Founding Director, Self Evaluation & Quality Enhancement Administration, University of Khartoum, Khartoum, 2006- 2009.**
- **Director, The Educational Development Centre, Faculty of Medicine, University of Khartoum, Khartoum, 2000- 2006.**
- **Founding Director, The National Mycetoma Control Programme, The Ministry of Health, Sudan, 1991 - Present.**
- **Founding Director, The Mycetoma Research Centre, Sudan, 1991 - Present.**
- **Member, University of Khartoum Council, 2009- present.**
- **Convener, University of Khartoum Senate, Khartoum, 2009 - 2011.**
- **Convener, University of Khartoum Staff Promotion Committee, Khartoum, 2009 - 2011.**
- **Convener, University of Khartoum Examination and Prizes Committee, Khartoum, 2009 - 2011.**
- **Convener, University of Khartoum Student Admission & Registration Supreme Committee, Khartoum, 2009 - 2011.**
- **Convener, University of Khartoum Library Executive Committee,**

Khartoum, 2011 – present.

- **Member, Executive Committee, Graduate College, University of Khartoum Committee, Khartoum, 2011 - present.**
- **Member, University of Khartoum Staff appointment Committee, Khartoum, 2009 - 2011.**
- **Member, The National Committee of Evidence Based Medicine, Khartoum, Sudan, 2009-Present.**
- **Member, The National Committee of Scientific Research Ethics, Khartoum, Sudan, 2009-Present.**
- **Coordinator, Human Development program, WHO, Sudan, 2000-2006.**
- **Member, The Supreme Council, Sudan National Medical Specialisation Board, Sudan, 2009- Present.**
- **Member, The Medical & Health Committee, Ministry of Higher Education and Scientific, Sudan, 2008-2010.**
- **Member, The Senate of the University of Khartoum, Khartoum, 1997 - Present.**
- **Executive Member, The Sudan Medical Council, 2001- Present.**
- **Member, The Faculty Board, Faculty of Medicine, University of Khartoum, 1997 - Present.**
- **Chairman, The Mycetoma Research Group, Institute of Endemic**

Diseases, University of Khartoum, 1992 - Present.

- **Member, Executive board of the Educational Development Centre, University of Khartoum, 1995 - Present.**
- **Head, The Research Committee, Soba University Hospital, Khartoum, 2007- present.**
- **Secretary, Research Board, Faculty of Medicine, University of Khartoum, Khartoum, Sudan, 1996 - 2001.**
- **Head, the Department of Medical Photography and Medical Illustration, Faculty of Medicine, University of Khartoum, 1988 - 2006.**
- **Head, the Gastrointestinal Endoscopy Unit, Soba University Hospital, Khartoum, 1992 - 2000.**
- **Head, the Theatre Committee, Soba University Hospital, Khartoum, 2001 - 2003.**
- **Secretary, Research Committee, Department of Surgery, University of Khartoum, Khartoum, Sudan, 1992 – 1993.**
- **Head, the University Department of Surgery, Khartoum Teaching Hospital, Khartoum, Sudan, 1988 - 1992.**
- **Secretary, Departmental Board of Surgery, University of Khartoum, Khartoum, Sudan, 1984 – 1986, 1988-1992.**
- **Secretary, the Steering Committee, the Institute of Endemic Diseases, University of Khartoum, Khartoum, Sudan, 1991 - 1993.**

Academic Responsibilities In Medical Education

- **WHO Consultant in Medical Education, (2003-present).**
- **Visiting WHO Consultant to Sanna University, Yemen, (2003, 2007, 2011).**
- **Trainer of Trainers in Medical and Health Sciences, Educational Development Centre, University of Khartoum, Khartoum, (1997-Present).**
- **Member, Editorial board, MedEdWorld International (2009-Present)**
- **Member, Editorial Board, International Journal of Sudan Research**
- **Secretary, the Editorial Board, Khartoum Medical Journal, (2008 - Present).**
- **Assistant Editor, the Editorial Board, Sudan Medical Journal, Sudan, (1990 - 2000).**
- **Member, the Editorial Board, Gezeria Medical Journal, Sudan, (2005-Present).**
- **Member, the Editorial Board, Research and Development in Medical Educational Journal, Tabriz, Iran, (2011-Present).**
- **Member, the Editorial Board, Journal of Case Reports in infectious Diseases, USA (2011-Present).**
- **Member, the Editorial Board, The Arab Medical Schools Journal, (2009-**

Present).

- **Member, the Editorial Board, the National Medical College Journal, (2006-Present).**
- **Member, Curriculum Committee, Faculty of Medicine, University of Khartoum, (2000-Present).**
- **Tutor in Surgery for Fifth Year Medical Students, Faculty of Medicine, University of Khartoum (1988 - 1995).**
- **Tutor in Surgery for Sixth Year Medical Students, Faculty of Medicine, University of Khartoum (1995 - 2000).**
- **Organizer, Surgical Club, Department of Surgery, University of Khartoum, Khartoum, Sudan (1984 - 1986, 1988 - 1991).**
- **Organizer, Course in General Surgery for Dental Students, Faculty of Dentistry, University of Khartoum, Khartoum, Sudan (1984 - 1986).**
- **Organizer, Surgical Forum for Surgical Registrars, Department of Surgery, University of Khartoum, Khartoum, Sudan (1984 - 1985).**
- **Organizer of the final M.D. (Surgery) Examinations, University of Khartoum, Khartoum, Sudan (1988 - 1992).**
- **Organizer of part (1) M.D. (Surgery) Examinations, University of Khartoum, Khartoum, Sudan (1992 - 1995).**
- **Organizer of the final MBBS Examinations, University of Khartoum, Khartoum, Sudan (1984 – 1986, 1988 - 1993).**

- **Regular case presentation sessions at the Surgical Club & Staff Rounds of the Department of Surgery, University of Khartoum**
- **Part-Time Lecturer, High Nursing School, University of Khartoum, (1981-1986)**
- **Part-Time Lecturer and Course Organizer of General Surgery for Dental Students, Faculty of Dentistry, University of Khartoum, (1986).**
- **Part-Time Lecturer, General Surgery, Faculty of Medicine, Ahfad & Upper Nile Universities, Khartoum, (1990-2009)**

New Establishments

- **The establishment of the Department of Education, Training and Support, the University of Khartoum Library, Khartoum, Sudan, 2011.**
- **The establishment of the E. learning Centre, University of Khartoum, Sudan, 2010.**
- **The establishment of the Mycetoma Control Programme, in collaboration with the Federal Ministry of Health, Sudan, 2010.**
- **The establishment of the Self Evaluation & Quality Enhancement Administration, University of Khartoum, Khartoum, Sudan, 2006.**
- **The establishment of the Mycetoma Research Centre, University of Khartoum, Khartoum, Sudan, 1991.**

- **The establishment of the Educational Development Centre, Ahfad University, Khartoum, Sudan, 2008.**
- **The establishment of the Educational Development Centre new premises, University of Khartoum, Khartoum, Sudan, 2003.**
- **The establishment of the Medical Photography & Illustration Unit, Soba University Hospital, Khartoum, in collaboration with Medicimage Foundation, UK, 2006.**
- **The establishment of Professor AL Tagani EL Mahi Centre for Clinical Skills Training, Educational Development Centre, Faculty of Medicine, University of Khartoum, 2005.**
- **The establishment of The Integrated Teaching Centre, Faculty of Medicine, University of Khartoum, 2006.**
- **The establishment of The Faculty Museum, Faculty of Medicine, University of Khartoum, 2009.**
- **The establishment of the Mycetoma Research Centre, new premises, University of Khartoum, Khartoum, Sudan, 2007.**
- **Establishment of Continuing Professional Centre at Soba University Hospital, Khartoum, Sudan, 2004.**
- **The establishment of the Surgical Research Laboratory, the Academic Surgical Department, Khartoum Teaching Hospital, 1989.**
- **The establishment of the Gastrointestinal Tract Endoscopy Unit, the**

Academic Surgical Department, Khartoum Teaching Hospital, 1989.

- **The establishment of Professor Ibrahim Mastufa's Postgraduate Lecture Theatre. University of Khartoum, 1989.**

Other Activities

- **Contribution to the rehabilitation of the Main Examination Hall, University of Khartoum. Khartoum, 2011.**
- **Contribution to the establishment of Soba Educational, Training & Examination Centre, University of Khartoum, 2010.**
- **Complete rehabilitation and the establishment of new premises of the Academic Affairs Secretariat premises, University of Khartoum, 2009.**
- **Complete rehabilitation of the Department of Medical Photography & Illustration, Faculty of Medicine, University of Khartoum, 2003.**
- **Complete rehabilitation of the Academic Surgical Department, Khartoum Teaching Hospital, 1999.**
- **Contribution to the establishment of the Institute of Endemic Diseases, University of Khartoum, 2000.**
- **Contribution to the rehabilitation of the Department of Surgery, Faculty of Medicine, University of Khartoum, 1999.**
- **Contribution to the establishment of the Surgical Pathology Museum at the Department of Surgery University of Khartoum, 1998.**

Specialised Clinics Establishments

- **The establishment of the Mycetoma Clinic at Soba University Hospital, Khartoum (serving more than 5700 mycetoma patients).**
- **The establishment of the Thyroid Clinic at Soba University Hospital, Khartoum (serving more than 800 patients).**
- **The establishment of the Breast Clinic at Soba University Hospital Khartoum. (Serving more than 900 patients).**

**Membership To
Learned Societies**

Membership to Learned Societies

Local

- Secretary General, Sudan Association of Surgeons, 1994 - 2002.
- Founding Secretary General, Sudanese Society of Tropical Medicine, 1992 – 2002.
- Founding Secretary General, Sudanese Association of Medical Education, 2004-Present.
- Member, Executive Council of the Sudan Medical Association, 1994 - 2002.
- Member, Executive Council the Sudan National Academy of Science, 2007-Present.
- Secretary General, Sudanese Society of Gastroenterology, 1988-1994, 1999-2001.
- Member, Executive Council of Sudan Association of Surgeons, 2002-2006.
- Member, Sudanese Society of Physiology, 1994 - Present.
- Member, Sudanese Environmental Conservation Society, 1990 - Present.
- Member, Sudanese Society for Folklore, 2008 – Present.

Regional

- Founding member, Association of Medical Education for Africa, 2007-Present.
- Member, Executive Council of the Pan Arab Association of Surgeons,

1994 – 2005.

- **Member, Pan African Association of Surgeons, 1996 - Present.**
- **Member, Arab-African Society of Gastroenterology and Endoscopy, 1989 - Present.**
- **Member, Pan Arab Association of Surgeons, 1989 - Present.**
- **Member, The African Association for the Study of Liver Diseases, 1992 - Present.**
- **Member, The Arab Society of Gastroenterology, 1993 - Present.**
- **Founding member, The African and Middle East Society of Gasrtoenterology, 1988 - Present.**
- **Founding member, The Pan African Association of Medical Mycology, 2005- Present.**
- **Member, The Arab Association for Liver Study, 2010 – Present.**

International

- **Fellow of the Royal College of Physicians, London. 2011**
- **Fellow of the Royal College of Surgeons, Dublin.**
- **Local Secretary, The Royal Society of Tropical Medicine and Hygiene, 1997 - Present.**
- **Member, The International Advisory Committee, the Transactions of the Royal Society of Tropical Medicine and Hygiene, 2003-2007.**
- **Founding member, Global Academy of Tropical Surgery, 2004-Present.**

- **Member, Association for Medical Education in Europe, 2002-present.**
- **Fellow, The Royal Society of Tropical Medicine and Hygiene, 1992 - Present.**
- **Fellow, The American Association of Gastroenterology, 1992 - Present.**
- **Fellow, The International College of Surgeons, 1996 - Present.**
- **National delegate, World Association of Hepato-Pancreato-Biliary Surgery, 1986 - 2000.**
- **Member, The Vascular Surgical Society of Great Britain and Ireland, 1987 - Present.**
- **Member, The New York Academy of Sciences, 1992 - Present.**

**Contributions to
Scientific Conferences,
Meetings & Symposia**

- **Local**
- **Regional**
- **International**

Organization of Seminars, Meetings & Conferences

- **Chairman of the Organizing Committee of the Fifth International Conference Mycetoma, Khartoum, Sudan, 2011**
- **Chairman of the Organizing Committee of the Mycetoma International Week, Khartoum, Sudan, 2009**
- **Chairman of the Organizing Committee of the Third International Conference on Medical Education in the Sudan, Khartoum, Sudan, 2009**
- **Chairman of the Organizing Committee of the Second International Conference on Medical Education in the Sudan, Khartoum, Sudan, 2007**
- **Chairman of the Organizing Committee of the First International Conference on Medical Education in the Sudan, Khartoum, Sudan, 2005**
- **Chairman of the Organizing Committee of the Third Mycetoma International Conference, Khartoum, Sudan, 2002**
- **Chairman of the Organizing Committee of the 4th Pan Arab Congress of Gastroenterology, Khartoum, Sudan, 2001**
- **The Mycetoma Seminar. The Sudan Association of Surgeons, Wad Madani, Gezeria State, 1999**
- **Chairman of the Organizing Committee of the 29th, 30th, 31st Annual Conferences, The Sudan Association of Surgeons, Khartoum, 1995, 1997, 2001**
- **Breast Cancer Seminar. The Sudan Association of Surgeons, Khartoum - Sudan, 2000**

- **Surgical Bilharziasis Seminar. The Sudan Association of Surgeons, Khartoum, 1995**
- **The Breast Carcinoma Seminar. The Sudan Association of Surgeons, Khartoum, 1994**
- **The Tuberculosis Seminar. The Sudan Association of Surgeons, Annual Conference, Khartoum, 1991**
- **Twenty Academic Meetings. The Sudanese Society of Gastroenterology, 1988 – 1992**
- **The Summer Seminar on Primary Hepatocellular Carcinoma. The Sudanese Society of Gastroenterology, Khartoum, 1988**
- **Six Academic Meetings. The Sudanese Society of Tropical Medicine and Hygiene, 1993 - 1996**
- **Five Academic Meetings. The Sudan Association of Surgeons, 1994 - 1995**
- **The Malaria and Leishmaniasis Conference. The Sudanese Society of Tropical Medicine and Hygiene, Khartoum, 1994**
- **Member, the organizing committee, The Second Scientific Conference. Sudan Medical Association, Khartoum, 1995**
- **Scientific Research in the Sudan, the problems and solutions symposium. Sudan Medical Association, Khartoum, 1995**
- **The Tuberculosis in the Sudan, the present situation seminar. The Sudanese Society of Tropical Medicine and Hygiene, Khartoum, 1995**
- **The Mycetoma Seminar. The Sudan Association of Surgeons, Annual Conference, Khartoum, 1990**

Organisation of Public Lecture

- **Public Lectures on Surgical & Health Education in many villages in the Gazeria area, The White Nile, Sinnar States, Sudan.**
- **Health Education sessions, Sudan Television & Khartoum State Television, Blue Nile Television, Khartoum Broadcast and many National Newspapers.**

Organisation of Surgical Training Courses

- **Post-Graduate Course on Traumatology, Khartoum, 1994.**
- **Post-Graduate Course on Surgical Sepsis, Khartoum, 1996.**

Organization of Courses In Medical Education

Organized 80 Training Workshops and Courses in various Medical Education issues at:

- **Educational Development Centre, Faculty of Medicine, University of Khartoum**
- **Ahfad Educational Development Centre, Ahfad University for Women**
- **Educational Development Centre, Faculty of Medicine, University of Shandi**
- **Educational Development Centre, Faculty of Medicine and Health Sciences, University of Sana'a, Yemen.**
- **The Second Saudi International Conference in Medical Education, The Saudi Medical Educational Association, Jazan, KSA, 2010.**

Communication To Learned Societies

- **Local**
- **Regional**
- **International**

Local Conferences & Meetings

1. Immune responses of Sudanese patients with gastro- intestinal tract cancer. Sudan Association of Surgeons, Annual Meeting, Khartoum, 1984.
2. Intestinal pseudo-obstruction. Sudanese Society of Gastroenterology, Khartoum, 1985.
3. The immunology of gastrointestinal tract cancer. Sudanese Society of Gastroenterology, Khartoum, 1985.
4. The femero-femoral bypass. The Sudan Association of Surgeons, Annual Conference, Khartoum, 1989.
5. Recent advances in Gastroenterology. Sudanese Society of Gastroenterology, Khartoum, 1989.
6. The Clinical Presentation of Mycetoma. The Mycetoma Seminar. The Sudan Association of Surgeons, Annual Conference, Khartoum, 1990.
7. Mycetoma in the Sudan. Soba University Hospital, Annual Conference, Khartoum, 1991.
8. Acute Scrotum. The Sudanese, Japanese Nephro, Urological Conference, Khartoum, 1991.
9. *Actinomadura pelletierii*: The ultrastructure and the pathogenesis. The Sudan Association of Surgeons, Annual Conference, Khartoum, 1991.
10. Factors governing the outcome of medical treatment in mycetoma. The Sudan Association of Physicians, Annual Conference, Khartoum, Sudan, 1994.
11. Mycetoma: New diagnostic approach. The Sudan Association of Surgeons, Annual Conference, Khartoum, Sudan, 1994.

12. Infection risk factors in patients with malignant diseases. The Sudan Association of Surgeons, Annual Conference, Khartoum, Sudan, 1994.
13. Breast carcinoma in the Sudan. The Breast Carcinoma Seminar. The Sudan Association of Surgeons, Khartoum, Sudan, 1994.
14. The spectrum of benign breast disease in the Sudan. The Second Scientific Conferences, Sudan Medical Association, Khartoum, Sudan, 1995.
15. Venous Varicosity in mycetoma. The 5th Pan Arab League of Dermatologists, Khartoum, Sudan, 1996.
16. Recent advances in mycetoma. The Annual conference of Pathologists, Khartoum, Sudan, 1996.
17. Risk factors for surgical site infection. The Sudan Association of Surgeons, Annual Conference, Khartoum, 1998.
18. The efficacy of Itraconazole in the treatment of patients with eumycetoma. The Sudan Association of Surgeons, Annual Conference, Khartoum, 2001.
19. The pattern of Benign Breast Disorders in Khartoum. The Sudan Association of Surgeons, Annual Conference, Khartoum, 2001.
20. Clinical Experience with mycetoma in the Sudan, The Third International Conference of Mycetoma, Khartoum–Sudan, 2002.
21. The efficacy of medical treatment of eumycetoma due to *Madurella mycetomatis*. The Third International Conference of Mycetoma, Khartoum–Sudan, 2002.
22. Abnormal presentation of mycetoma. The Third International Conference of Mycetoma, Khartoum–Sudan, 2002.
23. Susceptibility of *M. mycetomatis* to Medical treatment, Sudan Association of Physicians, Annual meeting, Khartoum, Sudan, 2004.

24. Breast Carcinoma in the Sudan, Pathological prognostic indices, Sudan Association of Surgeons, Annual meeting, Khartoum, Sudan, 2004.
25. Educational Development Centre, University of Khartoum, 30 years experience, The First International Conference on Medical Education in the Sudan, Khartoum, Sudan, 2005.
26. Benign Breast Neoplasm, Sudan Association of Surgeons, Annual meeting, Khartoum, Sudan, 2005.
27. Tomorrow's Surgeon, Sudan Association of Surgeons, Annual meeting, Khartoum, Sudan, 2006.
28. The treatment of mycetoma, Sudan Association of Surgeons, Annual meeting, Khartoum, Sudan, 2006.
29. The informed consent, National training workshop on Research Ethics, WHO, Khartoum, Sudan, 2007.
30. The informed consent, Training Course for Ethics Committee Members, Good Clinical Practice Alliance in Europe, Khartoum, Sudan, 2007.
31. E-Learning, The Second International Conference on Medical Education in the Sudan, Khartoum, Sudan, 2007.
32. E-Learning, The Sudanese Society of Gastroenterology academic meeting, Khartoum, Sudan, 2007.
33. Mycetoma in Children, The Pan Arab Conference of Paediatrics, Annual meeting, Khartoum, Sudan, 2007.
34. Post-graduate Surgical Training Assessment, Sudan Association of Surgeons, Annual meeting, Khartoum, Sudan, 2008.
35. Advanced Presentations Skills, ENT Surgical Association, Khartoum, Sudan, 2008.
36. E. Learning for undergraduate students, Gadaraf University, Sudan, 2008.

37. **E. Learning principles, Gazeria University, Sudan, 2008.**
38. **Conference Presentations Skills, Gazeria University, Sudan, 2008.**
39. **Quality in medical education, The Sudanese Association of Dermatology, Annual Conference, Khartoum, 2009.**
40. **Quality in Medical Education, The Third International conference on Medical Education in the Sudan, Khartoum, 2009.**
41. **Quality in Higher Education, The Faculty of Agriculture, University of Khartoum Annul regional Scientific Seminar, Khartoum, 2009.**
42. **Quality Assurance in medical education, The Third International Conference on Medical Education in the Sudan, Khartoum, 2009.**
43. **The Quality of Gastroenterology higher training, the Sudanese Gastroenterology Society International Conference, Khartoum, 2010.**
44. **Mycetoma from the Bench to the Field: the impacts of the Mycetoma Research Centre, University of Khartoum Graduate Studies and Scientific Research International Conference, Khartoum, 2010.**
45. **The Mycetoma Research Centre, East African Leshminia Group and Drugs for Neglected Diseases initiative, Khartoum, Sudan, 2010.**
46. **The Mycetoma in the Sudan, the Annual Mycology Meeting, The National Veterinary Research Centre, Khartoum, Sudan, 2011**
47. **The National Mycetoma Control Programme, The Fifth International Conference on Mycetoma, Khartoum, Sudan, 2011.**
48. **The epidemiology and clinical presentation of mycetoma in the Sudan, The Fifth International Conference on Mycetoma, Khartoum, Sudan, 2011.**
49. **Surgical treatment of mycetoma, The Fifth International Conference on Mycetoma, Khartoum, Sudan, 2011.**
50. **Scientific research is it important, Red Sea University, Port-Sudan, Sudan, 2011.**

51. Continuing Professional Development. Sudan Medical Council Professionalism Annual Meeting, Khartoum, Sudan, 2011.

Regional Conferences & Meetings

52. Appendicular masses in Khartoum. Pan Arab Doctors, Annual Conference, Baghdad - Iraq, 1989.

53. Gastro-intestinal tumours in the Sudan. Arab-African Society of Gastroenterology and Endoscopy, Harare - Zimbabwe, 1989.

54. Hepatitis and HIV infection and gastrointestinal tract cancer. The African Association for the Study of Liver Disease Conference, Cape Town - South Africa, 1992.

55. Infections in association with gastrointestinal tract cancer. The Jordanian Association of Gastroenterology, Annual Congress, Amman - Jordan, 1992.

56. The blood supply in mycetoma. The Pan Arab Association of Surgeons, Annual conference, Cairo - Egypt, 1993.

57. Pattern of intestinal obstruction in Khartoum. The Pan Arab Association of Gastroenterology, the Annual Congress, Amman - Jordan, 1995.

58. The Cytodiagnosis of mycetoma. The Pan Arab Association of Surgeons, Annual conference, Amman - Jordan, 1995.

59. The microcirculation in mycetoma. The Association of South Africa of Surgeons, Annual Conference, Victoria Falls - Zimbabwe, 1996.

60. The efficacy of Itraconazole in the treatment of Eumycetoma caused by *Madurella mycetomatis*. The Pan African Association of Surgeons, Annual conference, Nairobi, Kenya, 1999.

61. Mycetoma a major Problem in Africa, Pan African Association of Medical Mycology, Hartenboush, South Africa, 2005.

62. The treatment of Eumycetoma caused by *Madurella mycetomatis*. The Pan Arab Association of Surgeons, Annual Conference, Manama, Bahrain, 2006.
63. Educational Development Centre experience in medical education, Abu Dhabi Annual Surgical Conference, Abu Dhabi, 2006.
64. Mycetoma in the Sudan, Abu Dhabi Annual Surgical Conference, Abu Dhabi, 2006.
65. Educational Development Centre experience in medical education, WHO, Consultation Workshop, Banama, Bahrain, 2006.
66. Surgical training, Abu Dhabi Annual Surgical Conference, Abu Dhabi, 2007.
67. E-Learning, Abu Dhabi Annual Surgical Conference, Abu Dhabi, 2007.
68. E-Learning, Faculty of Medicine, University of Malawi Annual Curriculum Reform Conference, Blantyre, Malawi, 2007.
69. EDC Khartoum, Faculty of Medicine, University of Malawi Annual Curriculum Reform Conference, Blantyre, Malawi, 2007.
70. OSCE, Curriculum Reform Workshop, Faculty of Medicine, Sana'a University, 2007.
71. Teaching and learning , Curriculum Reform Workshop, Faculty of Medicine, Sana'a University, 2007.
72. Curriculum planning, Curriculum Reform Workshop, Faculty of Medicine, Sana'a University, 2007.
73. The impact of E-Learning in undergraduate medical education, The First Saudi International Medical Education Conference, Riyadh, 2008.
74. Computer Based Assessment, The First Saudi International Medical Education Conference, Riyadh, 2008.

75. If we are going forwards we are in fact going backwards, The First International Conference on Recent Advance in Surgery and surgical Education, Jeddah, 2008.
76. Post-graduate Surgical Training Assessment, The First International Conference on Recent Advance in Surgery and surgical Education, Jeddah, 2008.
77. The mycetoma story, The Second Conference for Faculty of Medicine at the University of Jordan and 5th Conference for Jordanian Medical Faculties, Amman, Jordan, 2009.
78. E-learning, The Second Conference for Faculty of Medicine at the University of Jordan and 5th Conference for Jordanian Medical Faculties, Amman, Jordan, 2009.
79. Quality of Post-Graduate Surgical training, The Second International Conference on Recent Advance in Surgery and surgical Education, Jeddah, 2010.
80. The Mycetoma Story in the Sudan, The Second International Conference on Recent Advance in Surgery and surgical Education, Jeddah, 2010.
81. Presentation skills, The Second Saudi International Medical Education Conference, Jazan, 2010.
82. The Mycetoma Story, The Second Conference on Recent Advances in Surgery and Surgical Education, Jeddah, KSA, 2010.
83. The Surgical Training Quality Assurance, The Second Conference on Recent Advances in Surgery and Surgical Education, Jeddah, KSA, 2010.
84. Amoebic Liver Abscess, Delta the 15th International Conference on Liver Diseases & Fevers, Alexandria, Egypt, 2010.
85. Is there is a need for Quality assurance in Medical Education. The First International Conference on Health Educational and Accreditation, WHO, and WFME/EMRO Accreditation, Sana'a, Yemen, 2010.

International Conferences & Meetings

- 86. The management of iliac artery occlusion. The Vascular Surgical Society of Great Britain and Ireland, Annual Conference, New Castle - UK, 1987.**
- 87. The management of intra-abdominal sepsis. The Middlesex and University College Hospitals, The Surgical Meeting, London - UK, 1987.**
- 88. Surgery in the Sudan. University College Hospital, The Surgical Meeting, London – 1987.**
- 89. Percutaneous drainage of intra-abdominal fluid collection. University College Hospital, The Gastroenterology Meeting, London, 1987.**
- 90. Thyroid function in schistosomiasis patients. The World Congress of Gastroenterology, Los Angeles - USA, 1994.**
- 91. The vasculature of mycetoma. The European Conference of Tropical Medicine, Hamburg, Germany, 1995.**
- 92. Mycetoma in the Sudan. University of Rotterdam, Rotterdam, The Netherlands, 1997.**
- 93. Mycetoma. Academic meeting, School of Microbiology, University of New Castle, New Castle, England, 1998.**
- 94. Actinomycetoma in Sudan caused by new organisms, The systematic and evolution group of the Society for General Microbiology, the 149th Meeting, University of East Anglia, Norwich, England, 2001.**
- 95. Mycetoma thorn on the flesh, Guest lecture, The Royal Society of Tropical Medicine and Hygiene, London England, 2003.**
- 96. New trends in medical education, Iran International Medical Education Conference, Tehran, Iran, 2003.**
- 97. Mycetoma a global health problem, Global Academy of Tropical Surgery, Cairo, Egypt, 2004.**

98. **Medical Education in the Sudan, Royal College of Physicians, London, UK, 2004.**
99. **Mycetoma; A Heavy disease burden for Africa. The International Medicine and Health in the Tropic Congress. Marseille, France, 2005.**
100. **Educational Development Centre: 30 years experience. Association of Medical Education for Europe. Amsterdam, The Netherlands, 2005.**
101. **Actinomycetoma in the Sudan, The International Society of Nocardia, Lyeon, France, 2005.**
102. **Mycetoma; Clinical Presentation. The International Society of Human and Animal Mycology, Paris, France, 2006.**
103. **The impact of the Educational Development Centre, University of Khartoum in the Sudan and the region. Association of Medical Education for Europe. Genoa, Italy, 2006.**
104. **The use of information technology among medical students, Faculty of Medicine, University of Khartoum. Association of Medical Education for Europe. Trondheim, Norway, 2007.**
105. **Mycetoma, clinical presentation, The Fourth International Conference on Mycetoma, Monterrey, México, 2007.**
106. **Actinomycetoma in the Sudan, The Fourth International Conference on Mycetoma, Monterrey, México, 2007.**
107. **Medical Education in the Sudan, Association of Medical Education for Europe. Prague, Check Republic, 2008. Medical Education in the Sudan, Association of Medical Education for Europe. Prague, Check Republic, 2008.**
108. **The use of information technology among surgical teachers in Sudan. Association of Medical Education for Europe. Malaga, Spain, 2009.**

**Experience in
Teaching
Research Supervision
Professional Examinations**

Teaching Experience

Undergraduate Teaching:

Actively involved in the teaching of undergraduate medical students as well as dental and nursing students in the form of clinical rounds, lectures, tutorials and seminars at Soba University and Khartoum Teaching Hospitals in Sudan (1981-Present) and the Middlesex and University College Hospitals, London - United Kingdom (1986-1988)

4th Year Medical Students:

- In the form of clinical ward rounds and clinical demonstration

5th Year Medical Students:

- Organizer of the surgical teaching (1988-1995)
- Introduction for the first time the Surgical Seminar activity
- Supervision of many 5th year medical students' dissertations in Community Medicine
- Organization of fieldwork and surveys in Surgery & Community Medicine

6th Year Medical Students:

- Regular weekly evening tutorial with hospital clinical teaching.
- Organizer of the Surgical Club (1984 - 1986, 1988 - 1991), this is a weekly academic surgical activity attended by surgeons from different hospitals and junior doctors.
- Introduction for the first time the Objective Structured Clinical Examination (OSCE) at the University of Khartoum for the final MBBS

Examinations, 1989.

- **Contribution to the development of the curriculum in surgery for medical students.**

Training & Supervision of Post-graduates Students

Professional Training

House Officers:

Basic surgical training for a group of house-officers (5-6) every three months at Khartoum Teaching and Soba University Hospitals. The training includes management of surgical patients, acquiring basic clinical and operative skills and performing simple minor emergency and elective operations under supervision.

Senior House Officers:

Training in clinical and operative management of most of the routine emergency and elective conditions under supervision.

Surgical Registrars:

These are postgraduate students for the Doctoral Degree in Clinical Surgery (Sudan). 75 registrars have been trained professionally in surgery during their rotation under my supervision. Most of them are surgical specialists now.

The training involves the following activities:

- Preoperative care of patients
- Operative techniques and skills
- Postoperative care of patients
- Outpatients-Department activities, this involves training in organisation of patients handling, booking for surgery, diagnostic approach, outpatient surgical care and performing minor operations

- **Casualty training: a 24 hours cover of all general surgical casualty cases admitted to Khartoum Teaching Hospital and Ibrahim Malik Hospital. Rota 1 in 3. This involves close supervision**
- **Academic teaching and weekly discharge clinic**
- **Teaching professional ethics**
- **Surgical audit**

Training in special procedures:

- **Upper and lower gastrointestinal endoscopy**
- **Tru-cut needle breast biopsy**
- **Fine needle Aspiration cytology technique for masses**
- **Vascular Doppler ultrasound examination**

Training, Teaching & Activites In Medical Eduction

- **WHO Consultant in Medical Education.**
- **Visiting Professor to Sanna University, Yemen, (2003, 2007, 2011).**
- **Trainer of Trainers in Health Sciences, EDC Khartoum, (1997- Present)**
- **Chairman of the Organizing Committee of the First, Second, Third International Conferences on Medical Education in the Sudan, Khartoum, Sudan, 2005, 2007, 2009.**
- **Established the Educational Development Centre new premises, Faculty of Medicine, University of Khartoum premises, Khartoum, 2003**
- **Established the Clinical Skills Laboratory, Educational Development Centre, Faculty of Medicine, University of Khartoum, Khartoum, 2005.**
- **Established the Integrated Teaching Centre, Faculty of Medicine, University of Khartoum, 2006**
- **Established the new Educational Development Centre, Faculty of Medicine, Ahfad University, 2008.**
- **Organizer of the following training courses:**
 - **Research Methodology (1996 - Present)**
 - **Students Assessment & Evaluation (2000 - Present)**
 - **Educational Planning (2000 - Present)**
 - **Teaching Methodology (2000 - Present)**
 - **Research Methodology For Post-Graduate Students (2000 - Present)**

- **Scientific Writing (2002 - Present)**
 - **Medical Informatics (2002 - Present)**
 - **Presentations Skills (2002 - Present)**
 - **Supervision (2003 - Present)**
 - **HIV & Aids Communication And Consulting (2002 - Present)**
 - **Emergency Life Support (2002 - Present)**
 - **Severe Trauma Life Support (2002 - Present)**
 - **E. Learning (2004 - Present)**
 - **Evidence Based Medicine (2004 - Present)**
 - **Research Proposal Writing (2008 - Present)**
 - **Objective Structured Clinical Examination (2007- Present)**
 - **Clinical Teaching (2008 - Present)**
 - **CV Writing (2008 - Present)**
 - **Advanced Skills Presentation(2008 - Present)**
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- **Establishment of the Virtual Patients Campus at the University of Khartoum, Website.**

<http://classes.uofk.edu/course/category.php?id=142>

Supervision of Research

Supervised 30 Registers in Surgery and other disciplines thesis, these registrars are:

Dr. Raffat Bushra Salih.	1987
Dr. Abdel Gawi Hag Anwar.	1987
Dr. Kamal Izz Eldin.	1988
Dr. Mubarak Mekki.	1991
Dr. Salah Abdel Razig.	1991
Dr. Mohammed Toum Musa.	1992
Dr. Adil Ibrahim.	1993
Dr. El Tayeb Sourkati.	1994
Dr. Abdel Basit EL Sayed Ali.	1994
Dr. Mutaz Abdel Aziz.	1995
Dr. Yassir Adam.	1996
Dr. Mahmoud Ali.	1996
Dr. Noha Omer Barido.	1996
Dr. Khalid Awad	1996
Dr. Abdel Wahid EL Ragim.	1996
Dr. Osman EL Sannosi.	1997
Dr. Iyman EL Shiek.	1997
Dr. Amira Ziano.	1998
Dr. Intasar Ibrahim.	1998
Dr. Haydir Mohd.	1997
Dr. Sief Ibrahim.	1999
Dr. Abu Bukker Hassan	2004
Dr. Niema EL Khabli	2005
Dr. Ahmed A Fatah	2005
Dr. Fatma Mohd.	2005
Dr. Amir Mohd	2007
Dr. Fatima El Sadig A. Alla	2008
Dr. Mohd Yousif	2009
Dr. Hagir Ahmed	2010
Dr. Dalia Abellua	2010

Co-supervision for thesis of the following registrars

Dr. Kamal El Zaki.	1990
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Dr. Imad Hussein (MD Clinical Medicine). 1994

Dr. Hayiat Ahmed (MD Clinical Anaesthesia). 1998

Thesis in progress:

Supervision of Master Degree students (by research)

- **Miss Amel F. Farouk, MSc Molecular Biology, University of Khartoum. HLA frequency in Sudanese mycetoma patients**
- **Miss Rasha W. Shanteir, MSc Molecular Biology, University of Khartoum, Monitoring of antibody response in Sudanese mycetoma patients**
- **Miss Israa O. Elrayah, MSc Molecular Biology, University of Khartoum, Analysis of the cellular immune response of mycetoma patients: IFN γ and IL-10 profiles**
- **Dr. A. EL Badie Mustauim, MSc Pharmacokinetics, University of Khartoum, The pharmacokinetics and pharmacodynamics of ketoconazole in the treatment of mycetoma patients**
- **Dr. Intasar A Rahman, MSc Pharmacology, University of Khartoum, The efficacy of ketoconazole in the treatment of eumycetoma Patients**
- **Mr. Abdella Osman Ahmed, MSc Molecular Biology, University of Khartoum, Development of a Species-Specific PCR-Restriction Fragment Length Polymorphism Analysis Procedure for Identification of *Madurella mycetomatis***
- **Mr. Magdi Mohd. MSc Histopathology. University of Khartoum, Section Staining for Mycetoma.**
- **Dr. Nawal Mohamed Mahmoud, MSc Public and Tropical Health, Epidemiological Features of Oesophageal Cancer**

Mrs. Hanan Hassan abdullah, MSc Community Nursing, Gazeria University, The Effects of Short Term Health Education program in the quality of life of post-mastectomy patients in Qassim region, KSA.

Miss Anahid Azz EL Din, Medical Laboratory, University of Khartoum, Heavy Metals in Madurella Mycetomatis

Thesis in progress for Master-Degree (by research):

- **Dr. Hiba Mohd Ali, (BSc Pharmacy). Thesis: The effect of Flucoconazole in the treatment of Madurella mycetomatis**

Supervision of Ph D Students

Dr. Abdella Osman Ahmed

“Molecular and biological studies on Madurella mycetomatis infection in man and mice”.

Eramus Medical Centre, Rotterdam University

Dr. Wendy Van de Sande

Genetic variability, antigenicity and antifungal susceptibility of Madurella Mycetomatis

Eramus Medical Centre, Rotterdam University

Miss Fatima Abdel Rahman.

Herbal treatment of mycetoma

University of Khartoum

Ph D Thesis in Progress

Mrs. Niemat Hassan abdullah, PhD Student

Knowledge, Attitude and Behavior of Sudanese Women towards Breast Self Examination

Dr. Hassabelrasoul Elfadil Hassan, Ph D Student

New Herbal treatment of mycetoma

Supervision of Medical & Health Students Research

Supervised many Medical & Health Students in their dissertations in Community Medicine and Medical Microbiology.

Professional Examinations Experience

Post-Graduate Examinations

- **PhD External Examiner, Department of Medical Microbiology & Infectious Diseases, Erasmus Medical Centre, Rotterdam University, 2003, 2007**
- **OSCE Organiser for the final MD Surgery (Sudan), 2008- Present**
- **Examiner, MD Surgery (Sudan), 1995 –present**

Under-Graduate Examinations

- **External Examiner in Surgery for the final MBBS Examination, Faculty of Medicine, Um EL Qura, Makah, KSA, 2011.**
- **External Examiner in Surgery for the final MBBS Examination, Faculty of Medicine, EL Sharagh, UAE. 2010**
- **External Assessor for the Faculty of Medicine and Health Sciences, Shandi University, Sudan, 2008**
- **Examiner in Surgery for the final MBBS Examination, Faculty of Medicine, EL Gadaraf University. Sudan, 2008**
- **Examiner in Surgery for the final MBBS Examination, University of Khartoum, (1984 - 1986, 1988 - Present)**
- **Examiner in Surgery for the final MBBS Examination, University of Gaziera, Sudan (1988 - Present)**
- **Examiner in Surgery, Faculty of Dentistry, University of Khartoum, Sudan, (1984 - 1986, 1988 - 1990).**
- **Examiner in Physiology, University of Khartoum, Khartoum – Sudan, (1988, 1990)**

- **Examiner in Physiology, Part (1) MD. Clinical Surgery, University of Khartoum, Khartoum, (1994)**
- **Examiner in Surgery in the final MBBS Examination, Ahfad University for Women, Omdurman (1996 - Present)**
- **External examiner in Surgery for the final MBBS Examination, EL Fashir University, Sudan, (Sudan Medical Council representative), (1998)**
- **Examiner in Surgery in the final MBBS Examination, Upper Nile University, Sudan, (2001).**
- **Examiner in Surgery in the final MBBS Examination, University of Medical and Health Sciences, (2001 – 2003).**

**Research Grants
&
Funds Generations**

Grants Obtained For Research Projects

Awarded Research Grants:

- **University of Khartoum Grant # 264.**
Mycetoma: genetic background of mycetoma. 2010, (10.000 US\$).
On going work
- **University of Khartoum Grant # 254.**
Mycetoma: genetic background of mycetoma. 2009, (10.000 US\$).
On going work
- **Ministry of Higher Education Grant # 236**
Expression of Vascular Endothelial Growth Factor and other Angiogenic Factors in Sudanese Patients with Breast Cancer and its Association with Various Tumor Variables. 2009 – 15.000US \$
- **World Health Organization Grant # 920144.**
The efficacy of itraconazole in the treatment of patients with eumycetoma due to *Madurella mycetomatis*. 2006-2008, (12.000 US\$)
Outcome: Paper entitle:
Fahal AH, Rahman IA, El-Hassan AM, Zijlstra EE. The efficacy of itraconazole in the treatment of patients with eumycetoma due to *Madurella mycetomatis*. *Trans R Soc Trop Med Hyg.* 2011; 105(3):127-32.
- **Ministry of Higher Education Grant # 92.**
Mycetoma: Epidemiology, Pathogenesis and Management. A Field Based Study in Eastern Sinnar. 2007-2008, (20.000 US\$).
- **Ministry of Higher Education Grant # 234.**
Mycetoma: Epidemiology, Pathogenesis and Management. A Field Based Study in Central Gazeria. 2009-2010, (10.000 US\$).
- **University of Khartoum Grant #78**
Management of Hand Infection in Khartoum State. 1991, (500 US\$).
Outcome paper: Ezedeem K, Fahal AH, Ahmed ME. Management of hand infection in Khartoum. *East Afri Med J.* 1992; 69(11): 616- 618.

Generation of Funds

- **Haggar Foundation, to establish the E. Learning Centre, Soba University Hospital, 2010 (80 000 US\$).**

- Different donors, to establish The Mycetoma Research Centre new premises (100 000 US\$).
- Dewan EL Zaka, Khartoum - Sudan, for the treatment of mycetoma patients (15 million SD/P).
- MSF- Holland, Holland, for the treatment of mycetoma patients, (40 000 US\$).
- Z-Medical Trade Company, Khartoum, Sudan for mycetoma patients treatment, (1000 US\$).
- Mercy Corps International, USA, to Soba University Hospital, University of Khartoum, in the form of medicines, medical equipments and others: (10 000 US dollars).
- Different donors, to Department of Surgery, Faculty of Medicine, University of Khartoum for rehabilitation, (35 000 US\$).
- WHO, EMRO, to the establishment of the Electronic Library of the Medical Campus, University of Khartoum. (55 000 US dollars).
- Welcome Trust Foundation (15.000 US\$) and (75 000 US\$) from local donors for the third international on mycetoma, Khartoum, Sudan, 2002.
- Different donors for The First International Conference on Medical Education, Khartoum, Sudan, 2005, (150 000 US\$).
- Different donors, The Second International Conference on Medical Education, Khartoum, Sudan, 2007, (400 000 US\$).
- Different donors, The Third International Conference on Medical Education, Khartoum, Sudan, 2009, (400 000 US\$).
- Different donors, The Fifth International Conference on Mycetoma, Khartoum, Sudan, 2011, (100 000 US\$).

Mycetoma Research Centre

Founding Director of Mycetoma Research Centre

The Mycetoma Research Center was established in 1992 under the umbrella of the University of Khartoum. It was set up at Soba University Hospital to provide an integrated high quality medical care for Mycetoma patients, superb research and excellent education and teaching in the various aspects of Mycetoma. The center is recognized globally as a world leader and an authoritative advisor in Mycetoma management and research.

The center is dedicated to the continuing discovery and development of scientific knowledge and clinical skills applied to the care of Mycetoma patients.

To eradicate Mycetoma, as a life-mutilating disease, through the advancement of medical care, research, education and disease prevention.

The mission of the Mycetoma Research Centre:

To eradicate Mycetoma, as a life-mutilating disease, through the advancement of research, education, prevention and treatment.

The Justification of the Mycetoma Research Centre:

Mycetoma is a common problem, it is endemic in many tropical and subtropical areas and it is reported throughout the globe and Sudan seems to be the mycetoma homeland.

It is preventable disease. It affects young patients of low socio-economic classes. It has a high morbidity and can be fatal. Both surgical and medical treatments are not satisfactory. It enjoys meager attention by health and social sectors across the world, as it is a non-glorious disease.

How does the Mycetoma Research Centre execute this mission?

- Treatment of mycetoma patients (5660 patients are regularly seen in the centre).
- Establishment of the Mycetoma Control Programme, The Federal Ministry of Health, Sudan.
- Field visits to mycetoma endemic areas in central Sudan for early detection and treatment.
- Training of medical and paramedical staff. (Surgical registrars, medical students, community workers and paramedical staff were trained).
- Provides the peripherals with trained medical staff.
- Conduction of research on mycetoma. (Three PhD, 6 master degree students).
- Produces regular publications. (textbook and more than 40 published articles).
- Cooperates with and participates in the scientific activities of appropriate bodies worldwide. (Organized the Third International congress in mycetoma in the Sudan - 2002, The Mycetoma International Week - 2009, contributions in many international and regions meetings and conferences).
- Establishment the mycetoma website at: www.mycetoma.edu.sd for continuing professional development and education.
- Establishment of Evidence Based Mycetoma Management Guidelines.
- Health education for the public through Sudan, Blue Nile and Khartoum State TV.
- Produced many video films, DVD and leaflets on mycetoma for public health education.

Community Development Activities

- **Established specialized medical clinics in Khartoum, Madani, Deweam to help patients**
- **Health education for the public through Sudan TV, Khartoum States TV, Khartoum Broadcast, National Press.**
- **Health education in rural areas in Central and Western Sudan**
- **Health Education in different Community clubs**
- **Encourage fine art and artists activities**
- **Raising fund to help poor patients**

Publications

Publications

1. Ibrahim A, Fahal AH. Recovery of radiologically functionless obstructed kidneys. *Br J Urol.* 1984; 56: 113-115.
2. Fahal AH, Ibrahim A. Post - prostatectomy auto-irrigation with furosemide in the tropics. *Pharmatherapeutic.* 1986; 4(9): 590-594.
3. Fahal AH. Acute Scrotum - Review article. *Post Graduate Doctor.* 1987; 10(5): 272-278.
4. Fahal AH, Yagi KI. Skin Endometriosis in Sudan. *Trop Geogr Med.* 1987; 39: 383-384.
5. Fahal AH, Hassan MA. Fournier's Gangrene in Khartoum. *Br J Urol.* 1988; 61: 451-454.
6. Ahmed ME, Fahal AH. Preoperative fasting state in patients undergoing elective surgery. *Emirates Med J.* 1988; 6: 135-137.
7. EL Nour SAM, Fahal AH. Vertebral Solitary Osteochondroma. *Saudi Med J.* 1988; 9(6): 622-626.
8. Fahal AH, McDollan A M, Marston A. Femorofemoral bypass in unilateral iliac artery occlusion. *Br J Surg.* 1989; 76: 22-25.
9. Ahmed ME, Fahal AH. Acute gluteal abscesses. Injectable chloroquine as a cause. *J Trop Med Hyg.* 1989; 92: 317-319.
10. Babekir ARE, Fahal AH, Hediet Alla A. Oesophageal carcinoma in Sudan. *Trop Doct.* 1989; 19: 33-34.
11. Fahal AH. Gad EL Rab MO, EL Abdin SZ. The immune status of Sudanese patients with gastrointestinal tract cancer. *Sudan Med J.* 1990; 28(1-4): 23-29.
12. EL Zaki K, Ahmed MELM, EL Hassan AM, Yousif MA, Fahal AH. Acute gluteal abscess following intramuscular chloroquine injection: A

- clinical and experimental study. *J Trop Med Hyg.* 1991; 98: 206-209.
13. Fahal AH, Hassan MA. Mycetoma. *Br J Surg.* 1992; 79(11): 1138-1141.
 14. Fahal AH, Sahil RB, Suliman SH, Hassan MA. Acute scrotum conditions in Khartoum. *Sudan Med J.* 1992; (1): 29-39.
 15. Ezedeen K, Fahal AH, Ahmed ME. Management of hand infection in Khartoum. *East Afr Med J.* 1992; 69(11): 616- 618.
 16. Fahal AH, Suliman SH, Yagi KI, Gadir AFA, Mukhtar BI, Malik MOA. Salivary gland tumours in Sudan. *East Afr Med J.* 1993; 70(4): 213-216.
 17. Fahal AH, Anwer AG, Suliman SH, Hassan MA. Appendicular mass in Khartoum. *Sudan Med J.* 1993; 39(1): 86-97.
 18. Fahal AH, Suliman SH, Sharfi AR, EL Mahdi MEA. Acute idiopathic scrotal oedema in association with diabetic septic foot. *Diabetes Res Clin Pract.* 1993; 21(2-3):197-200.
 19. Fahal AH, Suliman SH, Gadir AFA, EL Hag IA, EL Amin FI, Gumaa SA, Mahgoub ES. Abdominal wall mycetoma: an unusual presentation. *Trans R Soc Trop Med Hyg.* 1994; 88(1):78-80.
 20. Fahal AH, Suliman SH. Clinical presentation of mycetoma. *Sudan Med J.* 1994; 32: 46-66.
 21. Fahal AH, El Hassan AM, Abdelalla AO, Sheik HE, Cystic mycetoma: an unusual clinical presentation of *Madurella mycetomatis*. *Trans R Soc Trop Med Hyg.* 1998; 92:6-67.
 22. Fahal AH. Pneumatosis cystoid intestinalis. Review article. *Sudan Med J.* 1994; 32(1): 1-8.
 23. Fahal AH, EL Toum EA, EL Hassan AM, Gumaa SA, Mahgoub ES. A preliminary study on the ultrastructure of *Actinomadura pelletieri* and

- its host tissue reaction. *J Med Vet Mycol.* 1994; 32: 343-348.
24. EL Hassan AM, Fahal AH, EL Hag IA, Khalil EAG. The pathology of mycetoma: Light microscopic and ultrastructural features. *Sudan Med J.* 1994; 32: 23-45.
25. Fahal AH, Hassan MA, Sanhoury M. Surgical treatment of mycetoma. *Sudan Med J.* 1994; 32: 98-104.
26. Fahal AH, Barka OZ, EL Lider AM. Pneumatosis cystoid intestinalis. (A case report). *East Afr Med J.* 1994; 71(6): 401-402.
27. Fahal AH, EL Toum EA, EL Hassan AM, Gumaa SA, Mahgoub ES. Host tissue reaction to *Madurella mycetomatis*: New classification. *J Med Vet Mycol.* 1995; 33: 15-17.
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- **Medical Education Central-International**
- **Journal of Infections in Developing Countries**
- **Journal of Global Infectious Diseases**
- **Journal of Scientific Medicine**
- **Gazera Medical Journal**
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