

بسم الله الرحمن الرحيم

Curriculum Vitae

Personal Data

NAME: Omer Ahmed Mirghani Osman

DATE OF BIRTH: 19th May 1945

PLACE OF BIRTH: Wad Medani – Sudan

NATIONALITY: Sudanese

RELIGION: Muslim

MARITAL STATUS: Married, Four children

ADDRESS FOR CORRESPONDENCE:

Faculty of Medicine, University of Gezira,
P.O. Box 20 Wad Medani , Sudan

QUALIFICATIONS:

MB, BS (Bachelor of Medicine and Surgery), University of Khartoum,
March 1970.

MRCOG (Member of the Royal College of Obstetricians & Gynecologists),
London, July 1976.

AWARDS AND SCHOLARSHIPS:

1. Awarded 12 months scholarship from Ministry of Health, Sudan to prepare for higher degree in Obstetrics & Gynaecology, MRCOG; United Kingdom, September 1975 – November 1976.
2. Awarded two weeks period of study from John Hopkin's International Programme in Obstetrics & Gynaecology JHPIEGO. Study of recent advances in reproductive health; the reproductive Health Training programme in the department of Obstetrics & Gynaecology, El Azahr School of Medicine. The training programme was conducted by the International Islamic Center for Population Studies and Research, School of Medicine, El Azhar University, Egypt, in association with JHPIEGO in the period 4-15 October 1980. The training programme included practical training in Laparoscopic procedures.
3. Awarded one month of study course from the World Health Organization (WHO): Academic skills for Medical School Faculty in Reproductive Health John Hopkin's Programme for International Education in Gynaecology and Obstetrics JHPIEGO, John Hopkin's School of Medicine- Baltimore- USA, May 6-31, 1985. It was an intensive course in recent advances in reproduction, current and recent methods of contraception, medical education and statistics. During the course I presented a paper: "Female Circumcision in Sudan"

4. Member of the Interregional Meeting in Technical Collaboration among Training Institutions in developing countries in strengthening Primary Health Care Management Training, WHO Andriaga Stampor School of Public Health- Dubrounik – Yugoslavia- 18-24 April, 1983.
5. Member of the annual Meeting and Conference of the Association of Medical Schools in Africa AMSA: Role of Medical Schools in health care delivery systems in Africa. Algiers 1-6 September 1984. WHO.
Presented a paper: Gezira School of Medicine and its role in health care delivery system.
6. Participant in the biennial meeting of the Network of Community Oriented Education Institutions for Health Sciences, Pataya- Thailand Sept. 1989.
7. Member of the Network of Community Oriented Institutions: Task force on Training and Evaluation of Students in Community settings. Ismailia, Egypt
The task force was responsible for preparing guidelines on educational activities on community health care settings in community oriented based medical education.
8. Participant in the workshop: Intercountry Group meeting on Task Based Community Oriented Approaches in Health – Gezira Medical School – Sudan, Wad Medani, 7-18 April 1984.
9. Participant in the workshop: Workshop on Statistical Methods in Survey Research. WHO; Faculty of Medicine, University of Gezira- Wad Medani – Sudan, Jan. 12-17, 1985.
10. Participant in the workshop: National Workshop on the concept of Risk Approach in Maternal and Child Health and Family Planning- WHO, Wad Medani, Sudan, October 21-28, 1984.
11. Member of the Scientific Council of Obstetrics & Gynaecology Arab Board for Medical Specializations. Annual Meeting, Aman - Jordan, May 12-14, 1990.
12. Member of the Scientific Council Obstetrics & Gynaecology – Arab Board for Medical Specializations. Annual Meeting, Aman – Jordan – May 15-17, 1992.
13. Member of the Organization Committee for the Workshop: National Workshop in Problem Based Learning for Sudanese Medical Schools. Faculty of Medicine, University of Gezira- in Collaboration with WHO. Faculty of Medicine, Wad Medani, Sudan, 15-16 July, 1992. Conducted the session: Learning principles.

14. Member of the Congress of Obstetrical and Gynaecological Society of the Sudan – Khartoum – Sudan.

- February 1981: Presented a paper: Eclampsia in Dongla Hospital
- February 1987: Presented a paper: MCH undergraduate training in Gezira Medical School.
- February 1989: Presented a paper: A community based study on the incidence and aetiology of maternal mortality in Gezira province – Sudan.
- February 1991: Presented paper: Viral Hepatitis with pregnancy.
- February 1993: Presented a paper: Experience with 703 Laparoscopies in Wad Medani Hospital.

15. Participant in the Symposium: Malaria with pregnancy. Organized by the Obstetrical & Gynaecological Society of The Sudan – Khartoum Feb . 1992. Presented a paper : the Use of Quinine Hydrochloride during pregnancy.
16. Participant in the Symposium : Rheumatic Heart Disease. Faculty of Medicine, Wad Medani Sudan. Presented a paper: Rheumatic Heart Disease in pregnancy Aug 1993.
17. Awarded 2 weeks Scholarship from WHO for attending an Interregional Course on Baby Friendly Hospital Initiative -Irbid Jordan 1990.
18. Participant in the Network Meeting of Community Oriented Education Institutions for Health Sciences- Sweden. 1994. Presented a paper- MD in Obst and Gyn
19. Participant in the meeting of the WHO Collaborative Centres in the Eastern Mediterranean Region Cairo-Egypt. Presented a paper on the EDC-Faculty of Medicine University of Gezira.
20. Participant in: Quality of Higher Education the 5th conference of the College of Education. Kingdom of Bahrain 11-13 April 2005. Presented a paper on Accreditation of the Faculty of Medicine- University of Gezira.
21. Participant in: Consultation on the development of guidelines for the establishment, promotion and networking of educational development centres in the Eastern Mediterranean Region- Manama Bahrain 12-21 Dec 2006.
22. Attended the course: Advanced life support in Obstetrics (ALSO), American Academy of Family Physicians- Sudan. 26 to 28 March 2007. EDC Faculty of Medicine University of Gezira- Wad Medani. Awarded a certificate of course completion- passed an approved ALSO course examination.
23. Participant in: Medical Education. The Second International Conference in the Sudan. Khartoum – Sudan March 21-26.2007. Faculty of Medicine University of Khartoum. Presented a paper
24. Participant in: course on Methods of evaluation
- students assessment and programme evaluation. Academy of Medical Sciences and Technology Khartoum 2007.

ACADEMIC POSITIONS:

March 1982- May 1986: Lecturer in Obstetrics & Gyneacology, Faculty of Medicine, University of Gezira – Sudan.

10 May 1986- May 1992: Associate professor in Obstetrics & Gynaecology, Faculty of Medicine, University of Gezira – Sudan.

May 1992 – Date: Professor in Obstetrics and Gynaecology Faculty of Medicine – University of Gezira.

ACADEMIC RESPONSIBILITIES

1. Clerkship in Obstetrics & Gynaecology:
 - Member of the Founding Committee of the course
 - Co-ordinator of the course for 5 years
 - Tutor in the course from Batch one up till this date
2. Clerkship in Child Health:
 - Contributed in the Preparation of the Course.
3. Primary Health Care Center Practice & Family Medicine (PHCCP & FM) Course.
 - Founded the course
 - Co-ordinator for 5 years.
4. Field Training Research & Rural Development Programme (FTRRDP) Course.
 - Co-ordinator for one batch; phase I,II ,III.
5. Clerkship in primary Health Care Course:
 - Founded (shared) the course
 - Co-ordinator for 2 years.
6. Problems of the Genito- Urinary System Course:
 - Reviewed and re-written the course
 - Co-ordinator for 5 years.
7. Participating in the teaching of the courses:
 - Cardiopulmonary course
 - Growth and Development
 - Doctor and his Society
 - Introduction to Medicine and Study of Medicine
 - PHC management course
 - Diploma in public Health (postgraduate)
 - Training of Hospital midwives.
8. Postgraduate studies in the Faculty of Medicine, University of Gezira, Sudan.
 - Member of the Postgraduate Council in the Faculty of Medicine. The council is responsible of all the postgraduate studies; planning: implementation and evaluation.
Prepared the draft of the postgraduate regulations in the faculty.
 - Founded the MD in Obstetrics & Gyneacology Curriculum; a detailed Curriculum including the Objectives, Plan of work, resources needed,

- detailed schedules for the whole period of training and a plan of evaluation of students and programme.
- Co-ordinator of the MD Programme in Obstetrics& Gynaecology
9. Tutor and Examiner in the Reproductive Health course – Population Studenties
Center- Faculty of Economics University of Gezira.
 10. External Examiner – Undergraduate
External examiner in the final examination in Obstetrics and gynaecology as the Sudan Medical Council representative
 - 10.1. University of Kassala- Faculty of Medicine
 - 10.2. University of Gadarif - Faculty of Medicine
 - 10.3. University of Sennar- Faculty of Medicine
 - 10.4. University of Imam ElMahdi - Faculty of Medicine
 - 10.5. University of Shendi - Faculty of Medicine
 - 10.6. University of Khartoum - Faculty of Medicine
 - 10.7. University of Rabat - Faculty of Medicine
 - 10.8. EL Tigana Colledge of Medicine
 - 10.9. International African University –Faculty of Medicine
 - 10.10. University of Bakht El Ruda- Faculty of Medicine
 - 10.11. Um EL Gura University Faculty of Medicine Mecca-Saudi Arabia.
 11. External Examiner . Postgraduate
 - 11.1. External examiner in the Final Examination of the Master in Obstetrics and Gynaecology University of Khartoum.
 - 11.2. External examiner in the final Examination of the MD in Obstetrics and Gynaecology University of Khartoum.
 - 11.3. External examiner in the Final Examination of the MD/ fellowship in Obstetrics and Gynaecology. Sudan National Council of Medical Specializations Khartoum- Sudan.
 - 11.4. External examiner of the MD thesis in Obstetrics and Gynacology (by Research); the use of Misoprostol for the prevention of Postpartum Haemorrhage.
7 March 2007. University of Khartoum- Sudan
Candidate Salih Abid Abdulla.
 - 11.5. External examiner for the MD thesis in Obstetrics and Gynaecology (by Research); the incidence of anaemia in pregnant and non pregnant Yemeni women in the Sana'a area. Candidate Maher Khalid Al Sakkaf.
Feb 2002. University of Khartoum Sudan.
 - 11.6. External Examiner : Fellowship of Pakistan College of Physicians and Surgeons in Obstetrics and Gynaecology.
Pakistan- Lahour 14-18 April 2003
 - 11.7. External Examiner : MD in Obstetrics and Gynaecology – Faculty of Enviroment and Health – University of Gezira.
 - 11.8. External Examiner :Master in Reproductive Health. Center of Population studies. Faculty of economics University of Gezira. Caesarean section in Wad Medani Hospital.
 12. Reviewer for the Eastern Mediterranean Health Journal.
 13. Internal Examiner. MD in obstetrics and Gynaecology Faculty of Medicine- University of Gezira.
Gestational tropblastic disease in Wad Medani Hospital Dr. Zeinab Bella
Caesarean section in Wad Medani Hospital Abdul Bagi Amin

- Management of infertility in Wad Medani Hospital Nagat Babiker.
 Deep vein thrombosis in the puerperium WTH Abdul Rahim Haggaz.
 Maternal Mortality in WTH Mahadi
 Ectopic pregnancy in WTH; incidence aetiology management and complications
 Eid Alla Himoudi El Sadig
 Breech Presentation; incidence management and outcome.Amin Elkhair
 Multiple pregnancy; incidence, management and outcome.Bona Zoba
 Methyldopa versus no treatment in mild pre- eclampsia El Hassan Mohammed El
 Hassan
 Active management of third stage of labour Yasir Mohamed El Hassan
 Pattern of sexually transmitted diseases in Wad Medani Town. Ali El
 Toun.
 Management of malignant ovarian tumours
 Abdul Rahim Awad El Karim
 Obstructed labour; etiology, clinical features and management
 Justin Ambago
 Course of labour in women under 20 years
 Ahmed Rahamt Alla
 Fibroid, clinical features, diagnosis and management
 Adil Mansour
 Prenatal mortality in WTH
 Rihab Sid Ahmed Ibnauf
14. First Supervisor MD thesis in Obstetrics and Gynaecology University of
 Gezira.
- 14.1. Gestational Trophoblastic Disease Zeinab Bella El Tayib
 - 14.2. Caesarean section in Wad Medani Hospital Abdul Bagi Amin
 - 14.3. Management of infertility in WTH Nagat Babiker.
 - 14.4. Deep vein thrombosis in the Puerperium in WTH Abdul Rahim D.
 Haggaz.
 - 14.5. Maternal Mortality in WTH Mahadi Bushra.
 - 14.6. Ectopic pregnancy in Wad Medani Hospital; incidence, aetiology,
 management and complications. WTH Eid Alla Himoudi El Sadig.
 - 14.7. Breech presentation; incidence, management and outcome WTH.Amin
 Elkhair
 - 14.8. Multiple pregnancy; incidence, management and complications
 WTH.Bona
 - 14.9. Methyldopa versus no treatment in mild pre-eclampsia WTH.
 El Hassan Mohamed El Hassan
 - 14.10. Pattern sexually transmitted diseases in Wad Medani
 Ali El Toun.
 - 14.11. Active management of third stage of labour WTH
 Yasir Mohamed El Hassan
 - 14.12. Malaria prophylaxis during pregnancy in primigravidae using
 sulphadoxine- pyrimethamine in Wad Medani- Sudan 1999-2000
 Imad El Din El jag
 - 14.13. Management of malignant ovarian tumours in WTH
 Abdul Rahim Awad El Karim
 - 14.14. Obstructed labour, clinical features, aetiology and management WTH
 Justin Ambago.
 - 14.15. Course of labour in women under 20 years WTH

- Ahmed Rahmatalla
- 14.16. Fibroids; complications, diagnosis and management
Adil Mansour.
- 14.18. Perinatal Mortality WTH
Rihab Sid Ahmed Ibn Awof.
15. First supervisor of MD Thesis in Obstetrics and Gynaecology- Faculty of Medicine- University of Khartoum.
- 15.1. Management of Eclampsia in WTH
Abdul Fatah El Imaiiri
- 15.2. The use of quinine during pregnancy
Ishag Adam
- 15.3. Ceftriaxone versus triple (gentamycin- metronidazole ampicillin) as prophylaxis in elective caesarean section. WTH
El Tigani El Sidig.
- 15.4. Biochemical changes in pre-eclampsia WTH
Osman El Tayib Omer
- 15.5. Complications of grandmultipara WTH
Abu Sifian.
16. Participant in the Workshop “Barakat workshop for evaluation of the faculty of Medicine Curriculum.it was the first evaluation of the School Curriculum. Organized by Faculty of Medicine, Barakat, Sudan,1983.
17. Member of the Organization Committee for Workshop “ Second Workshop of evaluation of Faculty of Medicine Curriculum” Imperial Hotel, Wad Medani, Sudan, 8-14 August 1989. presented one the key note papers “ Curriculum Development”.
18. Member of the programme Evaluation Committee (PEC) Faculty of Medicine, University of Gezira. Sponsored by WHO. Wad Medani, Sudan, July 1986-December 1987. The Committee prepared a comprehensive scientific evaluation for the whole programme and submitted it to the faculty. I contributed by conducting the evaluation of the students’ training in the Health centers in Wad Medani Town. “Health Center Observation Visit”.
19. Member of the Arabinization Committee of the Faculty of Medicine. Member of the Organization Committee of all the Arabinization workshops (3). Faculty of Medicine, Wad Medani, Sudan .
20. Member of the Organization Committee of the Faculty Workshop “ Increasing The Intake of students”.
21. Faculty of Pharmacy- Gezira University Chairman of the University Committee which prepared the whole structure of the faculty of pharmacy-innovative curriculum and resources needed, Wad Medani, Sudan.

CLINICAL POSITIONS HELD :

April 1970 – April 1971 : Internship at Khartoum Teaching Hospital (KTH) , Sudan. Worked in the departments of general medicine, general Surgery, Obstetrics & gynaecology and Orthopedics.

April 1971: Full permanent registration of the Sudan General Medical council.

April 1971- October 1971: Medical Officer in the department of general surgery, Wad Medani Teaching Hospital, Sudan. Total number of beds in the consultant's unit were 60 beds.

April 1971-April 1972: Medical officer in the department of general medicine and pediatrics, Wad Medani Teaching Hospital, Sudan. Total number of beds in the consultant's unit were 70 beds.

April 1972- August 1973 : Medical Officer in charge of Raja district Hospital, Bahr El Gazal Province, Southern region, Sudan. Single Doctor hospital with 40 beds serving all the Raja district.

August 1973-August 1975: Selected Registrar in Obstetrics & Gynaecology, Ministry of Health, Sudan.
Enrolled in the registrar rotational scheme and worked as a resident registrar in the departments of Obstetrics & gynaecology; Khartoum Teaching Hospital (one year), Om Durman maternity Hospital (6 months) and Khartoum North Teaching Hospital (6 months).

November 1976- August 1977: Consultant Obstetrician & Gynaecologist, Om Durman Maternity Hospital, Sudan. Total number of beds in my unit were 30 beds.

August 1977-March 1982:

Consultant Obstetrician Gynecologist Dongla province Hospital, Northern Province, Sudan. Served as the Single Consultant in the department of Obstetrics & Gynaecology. Dongla Hospital is a referral hospital serving all the Northern province. The total number of beds in the hospital was 200; 60 of them in the Obstetrical & Gynaecological department. There were four other consultants in the hospital; physician, ENT and an ophthalmologist. The total number of deliveries in the department of Obstetrics & Gynaecology was 1000-2000 deliveries per year.

March 1982-Date:

Consultant Obstetrician Gynaecologist, Wad Medani Teaching Hospital, Sudan. The total number of beds in the hospital is 900. It is the main central State Hospital including all discipline of medicine. The total number of beds in the Department of Obstetrics & Gynaecology is 120; total number of deliveries per year is 3000- 4000. It is well equipped department serving Wad Medani town and the rural areas around it and at the same time receiving referral cases from the rural and provincial hospitals in the central state. There are 6 consultants, 6 registrars and 10 house officers. My unit has a total number of beds 30; tow registrars and two house officers.

CLINICAL POSITION HELD IN UNITED KINGDOM:

1. Senior House officer in Obstetrics & Gynaecology, West Middlesex Hospital, London, September, 1975- May 1976.
2. Registrar in obstetrics & Gynaecology, West Middlesex Hospital, London, September, 1975-may 1976.
3. Registrar in obstetrics & Gynaecology, West Middlesex Hospital, London, May 1976- November 1976.
Full responsibility of patients in the Consultant unit (40 beds) including surgical management.
West Middlesex Hospital is a teaching hospital of 1000 beds.

ADMINISTRATIVE POSITIONS:

1. Senior medical Officer, Raja District Hospital, Bahr El Gazal province, Sudan.
2. Director General of Dongla Hospital, Northern province, Sudan Jan. 1981- March 1983.
3. Established the Department of Obstetrics& Gynaecology, Faculty of Medicine, University of Gezira, Sudan, November1987.
4. Head Department of Obstetrics & Gynaecology, Faculty of Medicine, University of Gezira, Sudan, 6 years. November 1987- Date. Appointed for Second time in 3.6.1990.
5. Member of the faculty Board, Faculty of Medicine, University of Gezira, Sudan, March1993-Date,10 years.
6. Member of the University sennate, Gezira University, Sudan.
First term 1985- 1988
Second term 1990-Date
7. Member of the Ford Foundation Grant to the Faculty of Medicine Gezira University, 1987- 1991.
8. Member of Wad Medani Hospital Board, 1982-1989.
9. Head Department of the Obstetrics & Gynaecology Department, Wad Medani Hospital, Sudan,Jan.1993-1998.
10. Director: Educational Development and Research Center, WHO collaborative Center 1996-2007
11. Chairman of the Reproductive Council- Gezira state
12. Member of the Gezira University Council
13. Member of the Scientific Committee- Sennate Sub Committee

14. Member of the Obstetrics and Gynaecology Committee- Sudan General medical council
15. Chairman of the Obstetrics and Gynaecology Hospital- Wad Medani
16. Member of the Sudan National for Medicine Specialization
17. Editor –in – Chief Gezira Journal of Health Sciences

SOCIETY MEMBERSHIPS:

1. Sudan Medical Association since 1970.
2. Obstetrical and Gyneacological Society of the Sudan since 1976 .
3. Member of the Sudan Representative Committee for the Royal College of Obstetricians & Gynecologists, 1985-1991.

PUBLICATIONS:

1. **Mirghani OA.** Eclampsia in Dongla hospital- Sudan. Sudan Medical Bulletin. 1981(3): 19-22.
2. **Mirghani OA,** Saeed OK, Basama FM. Viral hepatitis in pregnancy- Wad Medani Hospital. East African Medical Journal 1992 69(8): 445-449.
3. **Mirghani OA,** Magzoub MEMA. A community Based survey on the incidence and Aetiology of Maternal Mortality in Gezira Province- Sudan. Saudi Medical Journal 1992, 13 (3): 249-253.
4. **Mirghani OA,** el Amin EO, Ali ME, Osman HS, Hamad B. A combined course of primary health care practice and family medicine at the University of Gezira Med Edu, 1988, Jul: 22(4): 314-16.
5. **Mirghani OA,** Maternal and Child Health Training at the Gezira Medical School. Annals of Community Oriented Education 1993, vol6 163-172.
6. Taha AZ, **Mirghani OA.**Community Health in a rural area of Sudan. Journal of community health. 1990.15(4): 267-274
7. **Mirghani OA,** Magzoub MEMA. Perinatal Mortality in Wad Medani Hospital. Saudi Medical Journal 1996. Vol 17(5): 633-639.
8. **Mirghani OA.** Saeed OK. A simplified management of diabetic pregnant women. Saudi Med J 2000 Apr 21 (4): 3335-9.
9. Elhassan EM, **Mirghani OA,** Habour AB, Adam1. Methyldopa VS no drug treatment in the management of mild pre- eclampsia. East Afr Med J 2002 Apr 79 (4): 172-5
10. **Mirghani OA,** Babiker MY. Experience with gnaecological laparoscopies in Wad Medani Hospital Sudan. East Afr Med J. 1999 Jul 76 (7): 390-5
11. el- Abdeen Taha AZ, **Mirghani OA.** A pilot study on family spacing attitudes and practices in rural Gezira. Contraception 1991 Apr 43 (4): 353-9.
12. **Mirghani OA.** The use of Quinine Dihydrochloride during pregnancy- a hospital based study. Sudan Medical Journal 1993 vol 31(2):16-31.
13. **Mirghani OA,** El Sanousi M, Habour AB et al Accreditation of the Faculty of Medicine- University of Gezira, Pilot study. GJHS 2005 Vol 1 (2): 126-167.
14. Miskeen HI, **Mirghani OA,** EL Sanousi M, Hessain AH. Assessment of the available resources- all hospitals in Gezira State (40) Sudan. GJHS 2005 Vol 1 (2): 92-104.

15. El Sanousi M, **Mirghani OA**, Sid Ahmed MA, Bashar Z. Training course on delivery care and neonatal care in rural hospitals, Gezira State. Sudan. JGHS 2006 Vol 1(1): 105-111.
16. **Mirghani OA**, El Sanousi M, Students assessment in the Faculty of Medicine University of Gezira GJHS 2006 Vol 2 (1).
17. **Mirghani OA**. Future of Medical Education. GJHS 2003 Vol (1):1-2
18. Elgack Suleiman IE, Mohamadani AA, **Mirghani OA**. GJHS 2003 Vol 1 (1): 72-82. Malaria prophylaxis during pregnancy in primigravida using supladoxine – pyrimethamine in Wad Medani – Sudan (1999-200)
19. **Mirghani OA**, Post caesarean section infection JGHS 2003 Vol 1 (1): 83-107.
20. Miskeen El, **Mirghani OA**, Malaria in Pregnancy, Wad Medani Maternity Hospital. GJHS 2006 Vol 2 (1): 75-88.
21. **Mirghani OA**, El Sanousi M. Problem Based Learning in the Faculty of Medicine University of Gezira. GJHS 2007 Vol 3 No (1).
22. El Sanousi M, **Mirghani OA**. Malaria and Maternal Mortality in Gezira State-Sudan GJHS Vol (3) No (1).
23. Haggaz AARD, **Mirghani OA**, Adam 1. Venous thromboembolism in pregnancy and the puerperium in Sudanese women Int J Gynaecol Obstet. 2003 Dec 83 (3): 309-10.
24. Fadalla FA, **Mirghani OA**, Adam 1. Oral Misoprostol Vs Vaginal misoprostal for termination of pregnancy with intrauterine fetal demise in the second trimester Int J Gynaecol Obstet. 2004 Jul 86 (1): 52-3.
25. Eh Hassan M, **Mirghani OA**, Adam1. Intravaginal Misoprostol as cervical ripening and labor inducing agents. Int J Gynaecol Obstet 58 (2004): 285-286.
26. Ahmed ET, **Mirghani OA**, Gerais AS, Adam 1. Ceftriaxone VS ampicillin /cloxacillin as antibiotic prophylaxis in elective caesarean section. East Mediterr Health J. 2004, 10 (3): 277-88.
27. Adam 1, **Mirghani OA**, Saed OK, Ahmed SH, Mohamadani AA, Ahmed HM, Mackenize CD, Homeida MM, El Bashir MI. Quinine therapy in server Plasmodium falciparum malaria during pregnancy in Sudan. East Mediterr Health J 10 (1-2): 159-66 2004.
28. Elhassan EM, **Mirghani OA**, Adam1. Misoprostol VS oxytocin for induction of labour Int J Gynaecol Obset 2005 91 (3): 254-5.
29. Elhassan EM, **Mirghani OA**, Adam 1. Cervical ripening and labour induction with 25 microg VS 50 microgrog of intra-vaginal misoprostol. Int J Gynaecol Obset 2005 90 (3): 234-5.
30. Elhassan EM, **Mirghani OA**, Adam 1. Intravaginal misoprostol VS dinoprostone as cervical ripening and labour inducing agents. INT J Gynaecol Obset 2004 85 (3):285-6.

PAPERS PRESENTED IN CONFERENCES:

1. Mirghani OA, Babiker My, Saeed ok: Experience with 703 Laparoscopies in Wad Medani Hospital using Ketamine (ketalar) as a general anaesthetic. Congress of the Obstetrical and Gynaecological Society of the Sudan. Feb 1992.
2. Mirghani OA, Abdul Gabar IK. The use of Quinine Dihydrochloride during pregnancy in Wad Medani Hospital Malaria Symposium, Obstetrical and Gynaecological Society of the Sudan. Feb 1991.
3. Assessment of students in the Faculty of medicine University of Gezira. Conference on students evaluation in University of Gezira- University of Gezira Wad Medani Sudan. Jan 2002.
4. Curriculum development: Key note paper Second Workshop on Programme Evaluation of the Faculty of Medicine University of Gezira Imperial Hotel- Wad Medani Aug 1989.
5. A postgraduate training programme in Obstetrics and Gynaecology. Faculty of Medicine – University of Gezira. Network meeting 1994 Sweden.
6. Faculty of Medicine University of Gezira and its role in health care delivery system. Annual Meeting and Conference of the Association of Medical Schools in Africa AMSA Algiers 1-6 September 1984.WHO.
7. Eclampsia in Dongla Hospital. Congress of Obstetrical and Gynaecological Society of the Sudan- Khartoum Feb 1981.
8. Maternal Childhealth training in the curriculum of the Faculty of Medicine U.O.G. Congress OBGYN. Feb 1987.
9. A community based study on the incidence and aetiiology of maternal mortality in
Gezira Province-Sudan
Congress OBGYN
Feb 1989.
10. Viral hepatitis in pregnancy in Wad Medani Hospital.
Congress OBGYN . Feb 1991
11. Rheumatic heart disease in pregnancy Symposium- Rheumatic heart disease Faculty of Medicine U.O.G
Aug 1993.
12. The Role of the Educational Development Centre and Research. Faculty of Medicine U.O.G in Health care Delivery in the Sudan. Eastern Mediterranean Region Meeting of the WHO collaborative Centers-Cairo Egypt.
13. Accreditation of the Faculty of Medicine U.O.G. Quality of Higher Education. The 5 th conference of the College of Education. Bahrain April 2005.
14. Educational development and research center Faculty of Medicine U.O.G. Meeting: Consultation on the development of guideling for the establishment, promotion and networking of EDCs in the Eastern Mediterranean Region Bahrain Dec 2006.
15. Accreditation of the Faculty of Medicine University of Gezira. Medical Education. The Second international conference in the Sudan Faculty of Medicine- University of Khartoum
Khartoum March 2007
16. Criteria for selecting an evaluation method - Course: Methods of evaluation Academy of medical sciences and Technology
Khartoum March 2007.

**EDUCATIONAL DEVELOPMENT AND RESEARCH CENTER: DIRECTOR
AND MAIN SUPERVISOR OF COURSES AND WORKSHOPS.1996-2007**

Director of the Educational Development and Research Center FMUG 1996-2007.

List of courses and workshops; written, organized, supervised and tutored.

Organized, supervised and Tutored the following .

1. Workshop on problem Based Learning (1996)
2. Workshop on Baby Friendly Hospital Initiative Training Programme (3) (1996)
3. Workshop on Curriculum Development for Nurse Midwifery School(1996)
4. Workshop on Gezira State Health Insurance I (1997)
5. Workshop on Gezira State Health Insurance II(1998)
6. Workshop on Evaluation of Arabization of Faculty of Medicine University of Gezira (1997)
7. Workshop on Curriculum development for postgraduate in forensic Medicine for Sudan National Board for Medical Specialization (1997)
8. Workshop on Curriculum development for Faculty of Applied Medical Sciences, Nursing Department (1997)
9. Work shop on development of a curriculum for Medical Assistants(1997)
10. Workshop on development of curriculum For Faculty of Medicine- Sennar University (1988)
11. Workshop on development of curriculum for Faculty of Medicine – International University of Africa (1998)
12. Workshop on Training and development of paramedicals (1998)
13. Workshop on Leadership Development of Community Health Professionals and Educators (1999)
14. Teaching Methods Training Course- 7 days (1999)
15. Evaluation Methods Training Course- 7 days (1999)
16. Educational Planning of Community Oriented Medical School Training Course – 15 days (1999)
17. Workshop on Malaria University of Gezira Initiative (200).
18. Workshop on Curriculum Revision of Faculty of Medicine University of Gezira (2000)
19. Workshop on Comprehensive Programme Evaluation-Faculty of Medicine University of Gezira (2000)
20. Workshop on Reproductive Health (2000)
21. Workshop on Student Leadership Development (2000)
22. Workshop on Planning of COME (2001)
23. Preparation of Questionnaires for the Sudan Medical Council (2001)
24. Review of anaesthesia curriculum of the Faculty of Applied Medical Sciences (University of Gezira) (2001)
25. Institutionalization of medical Education and Health Services partnership
26. Design of Faculty of Medicine, University of Gezira Examination Office (1996)
27. Standard Management of Obstetrical & Gynaecological Emergencies in Rural Hospital- Training Course 2 weeks. Medical Officers
28. Standard Management of Obstetrical & Gynaecological Emergencies in the Community- Training Course I weeks. Health visitors

29. Curriculum development for Faculty of Dentistry, University of Gezira (2002)
30. Workshop on Innovative Curriculum development Faculty of Dentistry Teachers- one day workshop (2002).
31. Report on Continuous Evaluation of Students for University of Gezira (2002).
32. Accreditation of Medical Schools in the Sudan Project Nov 2001-Aug 2004. Comprehensive system of accreditation of Medical Schools in the Sudan adopted and implemented by the General Medical Council of the Sudan.
33. Curriculum Development Faculty of Medicine and Health Sciences University of Gadarif Sudan 26.9.2002-17.9.2003. A community Oriented Problem based integrated curriculum. A credit hours system of evaluation. Fully adopted by University.
34. Curriculum Development Diploma in Nursing Faculty of Applied Medical Sciences, University Of Gezira 1.9.2003-2.12.2003. A curriculum in diploma in nursing. 5 semesters, 60% practical and 40% theoretical. A dopted by University for graduation of Nurses.
35. The Obstetrical and Gynecological Society of the Sudan 20th conference. Safe Motherhood initiative; Malaria a major cause of Maternal Mortality. In collaborations with the State Government, State Ministry of Health and Faculty of Medicine University of Gezira (Wad Medani) Feb 2004
The conference was organized for the first time outside Khartoum.
The main outcomes were clear recommendations about the management and prevention of malaria in pregnancy.
The proceedings of the conference were published in the Gezira Journal of Health Sciences
(Vol 1 supplement 2004).
36. Workshop on community oriented medical education. Faculty of Medicine and Health Sciences University of Bakht El Ruda (Dueim) 1.3.2004-7.4.2004
 - A revised and developed curriculum. A detailed community oriented problem based integrated curriculum
 - A clear system of evaluation
 - Teachers and students oriented in curriculum planning, instructional methods and methods of evaluation.
37. Training course in Epidemiology Canadian Reach for Higher Education . Professor Robert A. Spasoff. (EDC-FMUG)
A five days training course in Epidemiology; basic and modern. Academic staff and post graduate students skilled in epidemiology.
38. Workshop on curriculum development of the faculty of Medicine University of El Imam El Mahdi University
(Imam El Mahdi University – Kosti) June 2004.
A revised and developed curriculum of El Imam El Mahdi Faculty of Medicine. A detailed community oriented, problem based integrated curriculum. A new system of evaluation for the whole University. Teachers and students oriented in medical education.
39. Workshop on Reproductive Health contents in the curricula of National Medical /Health Faculties and Institutes (Ahfad University Omdurman May 2004)
Experience of FMUG in including the contents of reproductive health was presented and it formed the bases of the recommendations of the workshop.
40. Protocol for management of Breast Cancer 15.4.2004 -8.7.2004

Workshop. (EDC-FMUG)

A detailed protocol for management of breast cancer is now adopted nationally.

41. Safe Motherhood and Childhood Project Gezira State Sudan

(EDC FMUG).19.2.2004 to 23.9.2004

A comprehensive detailed project of which includes, the objectives, the standards, the strategies, the plan of work, the detailed budget and a system of monitoring and evaluation.

The draft was prepared by the EDC FMUG. It took 7 months to prepare the draft. In addition to the core staff of the EDC, 20 experts in reproductive health contributed in the preparation of the project draft.

The final version of the project is now in the implementation phase 5 years.

42. Teaching methods Training course (EDC FMUG) Teachers trained in innovative teaching methods; developing, using and evaluating them Oct 2004 .

43. Evaluation methods Training course. Teachers trained in innovative methods of evaluation; construction, use and evaluation Oct 2004.

44. The National programme for Training of Health Professionals (Sudan Declaration). Development of 16 Curriculae of Health Professionals

EDC FMUG. 15 curricula of health professionals diplomas and one curriculum of Bachelor in Anaesthesia. nursing , medical assistants-general , medical assistants-ophthalmology , theatre attendance, theatre attendance-ophthalmology , refraction , midwifery , physiotherapy , dentistry , medical assistant- dentistry , sanitary overseers , psychiatry, health statistics, medical laboratories, pharmacy, and a curriculum of Bachelor in anaesthesia 7.5.2005 to 27.7.2005

45. Instructional Methods Training Course

EDC FMUG. Teachers trained in innovative teaching methods; developing using and evaluating them May 2005.

46. Evaluation Methods Training Course EDC FMUG. Teachers trained in innovative methods of evaluation; construction, use and evaluation May 2005.

47. Total Quality Management (TQM) Proposals

EDC FMUG. Proposals for establishing a TQM unit in the University of Gezira May 2005.

48. Workshop on Evidence Based Medicine (EBM)

EDC FMUG. Teachers of the FMUG oriented in EBM and internet July 2005.

49. Standard management of Obstetrical and Gynaecological Training Course

EDC FMUG Wad Medani Hospital for Obst Gyn. Medical officers capable of managing emergencies of obstetrics and Gynaecology and neonates by themselves July 2005.

50. Educational Planning Training Course Oct 2005

EDC FMUG. All academic staff members of the Faculty of Applied Medical Sciences (U of G) trained in curriculum planning, instructional methods and methods of evaluation.

51. Workshop on student's Assessment in the Faculty of Medicine University of Gezira. EDC FMUG. 20.10.2005.

- Academic staff members trained in writing MCQs (True /False type and One Best Answer type)
- Recommendation: continue with True/False type with penalty
- Design of a system of continuous evaluation FMUG.

52. 1.Academic Advisory system and students Support (workshop) June 2006

-Comprehensive system of Academic Advising and students Support.

- Published Journal of Health Sciences
- 53. Problem based learning (workshop) Teachers oriented in PBL April 2006
- 54. Faculty of Veterinary University of Gezira.curriculum Development (workshop) June 2006 Faculty of veterinary curriculum. Now implemented.
- 55. Sudanese population Network (meeting)SPN. SPN participation in the safe motherhood project Aug 2006.
- 56. Faculties of Medicine of western Kurdofan curriculum development and mini workshops as instructional methods of evaluation (workshop).Dec 2006.
 - Faculty of Medicine curriculum
 - Teachers oriented in curriculum development and methods of instructions and methods of evaluation.

**FIRST SUPERVISOR IN MD THESIS IN OBSTETRIC AND
GYNAECOLOGY- UNIVERSITY OF GEZIRA FOR THE FOLLOWING
STUDENTS ...**

1. Gestational trophoblastic disease in Wad Medani Hospital
2. Caesarean section in Wad Medani Hospital
3. Management of infertility in Wad Medani Hospital
4. Deep vein thrombosis in the puerperium in WTH
5. Maternal Mortality study in WTH – hospital based
6. Ectopic pregnancy in WTH; Incidences, aetiology, management and complication
7. Breech presentation, incidence, management and outcome
8. Multiple pregnancy, incidence, management and complication
9. Methyldopa versus no treatment in mid per – eclampsia
10. Pattern of sexually transmitted Diseases in Wad Medani Town
11. Active management of third stage of labour
12. Malaria prophylaxis during pregnancy in primigravida using supladoxine – pyrimethamine in Wad Medani – Sudan (1999-200)
13. Community Based management of infertility
14. Management of Malignant Ovarian Tumours in WTH
Aetiology, clinical features and management of obstructed labour
15. Course of labour in women under 20 years

**FIRST SUPERVISOR OF THESIS IN OBS & GYNAEY FACULTY OF
MEDICINE – UNIVERSITY OF KHARTOUM**

- 22. Management of Eclampsia in WTH.
- 23. The use of Quinine during pregnancy
- 24. Ceftriaxone versus triple (gentamycin – metronidazole ampicillin) as prophylaxis in elective caesarean section – Randomized controlled study
- 25. Biochemical Changes in pre-eclampsia
- 26. Complication of grandmultipara.