

CURRICULUM VITAE

SALAH AHMED IBRAHIM

(FRSH, FRCP, FRCPCH, FACCP, MAAP, MD)

Professor of Paediatrics
Department of Paediatrics and Child Health
Faculty of Medicine
University of Khartoum
2015

CURRICULUM VITAE

0. PERSONAL

NAME: SALAH AHMED IBRAHIM

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DATE OF BIRTH: 15th August 1947.

MARITAL STATUS: Married with seven children.

1. EDUCATION

1955-1959 Elrashad Elementary School, Omdurman.

1959-1963 Omdurman Academic Intermediate School.

1963-1967 Almu'tamar Secondary School. Omdurman.

1967-1973 Faculty of Medicine, University of Khartoum.

1975-1980 In-service education and training for postgraduate degrees in medicine and child health in the United Kingdom (see appointments below).

2. PRIZES

1972 Professor Neil's Prize
Research Topic: Malnutrition in Sudanese Children.

3. QUALIFICATIONS

M.B.B.S. University of Khartoum, Sudan, April 1973.

M.R.C.P. United Kingdom, March 1979.

D.C.H. United Kingdom, Glasgow, June 1979.

M D (Distinction) University of Khartoum, Sudan, June 1995

4. **FELLOWSHIPS**

- Fellow of the Royal Society of Health (F.R.S.H.), London, U.K, 1982 to date
- Fellow of the Royal College of Physicians of Edinburgh (F.R.C.P), Edinburgh, U.K, 1992 to date.
- Fellow of the Royal College of Paediatrics and Child Health (FRCPC) 2000 to date.
- Fellow of the American College of Chest Physicians (FACCP) 2001 to date.
- International Member of the American Academy of Paediatrics (MAAP) 2007 to date.

5. **ACADEMIC POSITIONS HELD**

- Professor of paediatrics and child health, Department of Paediatrics and Child Health, University of Khartoum (U. of K), since 2003.
- Associate professor of paediatrics and child health, Department of Paediatrics and Child Health, University of Khartoum (U. of K), 1993 -2003.
- Assistant professor of paediatrics and child health, Department of Paediatrics and Child Health, U. of K, Khartoum, 1983 – 1993.
- Research Fellow, Department of Paediatrics and Child Health, University of Newcastle Upon Tyne, Newcastle Upon Tyne, U.K, 1979-1980 (one year).

6. **CLINICAL EXPERIENCE**

6.1 IN SUDAN (from 1983 to date):

- Consultant paediatrician, Chief of Respiratory Unit, Gaafar Ibn QAF Children's Hospital, Khartoum, since 2004
- Consultant paediatrician, Khartoum Teaching Hospital, Khartoum, since 1991
- Consultant paediatrician, Khartoum Teaching Hospital and Soba University Hospital, Khartoum, 1983 -1991.
- Consultant paediatrician, Khartoum North Teaching Hospital, Khartoum North, 1985 -1987.

6.2 IN UNITED ARAB EMIRATES (1980 – 1982)

- Consultant paediatrician, Zayed Military Hospital, Abu Dhabi, United Arab Emirates.

6.3. IN UNITED KINGDOM (1975-1980)

<u>POST</u>	<u>HOSPITAL</u>	<u>DURATION</u>
Senior house officer in paediatrics & neonatology	Cardiff Royal Infirmary University Hospital of Wales, Cardiff.	9/12
Senior house officer in paediatrics.	Children's Hospital, Sheffield.	1 yr.
Senior house officer in paediatrics.	Scartho Road Hospital, Grimsby.	6/12
Senior house officer in paediatrics.	Children's Hospital, Sunderland.	1 yr.
A/Registrar paediatrics.	Middlesbrough General Hospital, Middlesbrough.	1 yr.
Registrar paediatrics.	Royal Victoria Infirmary (University of Newcastle)	1 yr

6.4. IN SUDAN (1973-1975)

Rotating house officer in paediatrics, obstetrics, Medicine and surgery.	Khartoum Civil Hospital.	1 yr.
Senior house officer in Obstetrics and medicine.	Port Sudan Hospital (Province hospital)	1yr.

7.1 UNDERGRADUATE TEACHING IN U. of K.

- Teaching the theory and practice of general paediatrics and paediatric respiratory medicine, Faculty of Medicine, University of Khartoum, since 1983.
- Teaching the theory and practice of general paediatrics and paediatric respiratory medicine, Nursing College, University of Khartoum, 1983 - 1999.

7.2 OTHER CONTRIBUTIONS TO UNDERGRADUATE TEACHING

- Teaching the theory and practice of general paediatrics, Faculty of Medicine, University of Sanaa, Sanaa, Yemen, 1990 (one month).
- External Examiner for the final undergraduate examination in paediatrics, Faculty of Medicine, University of Sanaa, Sanaa, Yemen, 2003.
- Teaching the theory and practice of paediatrics and child health, University of Newcastle Upon Tyne, U.K, 1979 – 1980 (one year).

- External examiner in paediatrics and child health, for various Faculties of Medicine including Gazira University, Omdurman Islamic University, Juba University, Kasala University, Shendi University, Kordofan University, Bahr Elghazal University, Academy University and Ahfad Medical College, Sudan, since 1983.

8. **POSTGRADUATE TEACHING**

- Teaching the theory and practice of general paediatrics and paediatric respiratory medicine to doctors (house officers and medical officers) as well as graduates training for Part 1 and Part II examinations of the Clinical MD in Paediatrics, Faculty of Medicine, University of Khartoum since 1983.
- Teaching the theory of neonatal medicine for MSc students, Ahfad College, University of Ahfad, since 1990.
- Internal examiner for the Clinical MD in Paediatrics and Child Health, and for thesis examination for the Departments of Biochemistry, Ophthalmology and Obstetrics and gynaecology, University of Khartoum, since 1993.
- Internal examiner for the Clinical MD in Paediatrics and Child Health, Gazira University, Wad Madani, Sudan since 1999.
- Tutor for Gorgas Course in Clinical and Tropical Medicine, Gorgas Memorial Institute of Tropical and Preventive Medicine, Lima, Peru 1998 (one month).
- Teaching graduates training for postgraduate degrees in child health, the theory and practice of general paediatrics, Faculty of Medicine, University of Sanaa, Sanaa, Yemen 1992 (one month)
- Teaching the theory and practice of paediatrics to doctors training for Part 1 and Part II MRCP, Zayed military Hospital, Abu Dhabi, United Arab Emirates, 1980 -1982 (two years).
- External examiner for the part II clinical examination in paediatrics and child health, College of Physicians and Surgeons of Pakistan, Karachi, Pakistan, 2002
- Teaching the theory and practice of neonatal medicine for Diploma students, Medical College, University of Sanaa 2005.

9. **ADMINISTRATIVE RESPONSIBILITIES:**

- Dean. The Graduate College. University of Khartoum 2015 to date
- Vice Dean. The Graduate College for Medical and Health Studies. University of Khartoum 2014 – 2015.
- Chairman, Council of Paediatric Specialization. The Arab Board of Health Specialization. Damascus 2014 to date.

- Principal of the Council of Sudan Medical Doctorate (MD, Sudan) in Paediatrics and Child Health, Sudan National Medical Specialization Board, 2009 to 2014
- Head of Neonatal Division, Arab Board for Paediatric Council, Damascus 2010 to date.
- Vice-Dean, Faculty of Medicine, University of Khartoum, 2005 to 2008
- Head of Respiratory Unit, Gaafar Ibn Oaf Children's Hospital, 2004 to date
- Convenor of the Sudan Medical Doctorate (MD, Sudan) in Paediatrics and Child Health, Sudan National Medical Specialization Board, 2004 to 2009
- Head Department of Paediatrics and Child Health, Faculty of Medicine, University of Khartoum, 1998 – 2004
- Convenor of the Clinical Medical Doctorate (CMD) in Paediatrics and Child Health, Faculty of Medicine, U of K, 1998 - 2004
- Co-ordinator and course organiser for fifth year 1998 - 2004.
- Head of Paediatric Unit, Khartoum Teaching Hospital, 1993 to date
- Co-ordinator and course organiser for Part II CMD in Paediatrics and Child Health, Faculty of Medicine, U of K, 1994 – 2000.
- Acting Head of Department of Paediatrics and Child Health on several occasions, 1993 – 1998.
- Head of paediatric unit, Soba University Hospital, 1988 -1991.
- Secretary of Department of Paediatrics and Child Health, Faculty of Medicine, University of Khartoum, 1988 – 1992.
- Organiser for undergraduate teaching in paediatrics, Faculty of Medicine, U of K, 1983 - 1987.
- Co-ordinator and course organiser for Part I MD in Clinical Paediatrics and Child Health, Faculty of Medicine, U of K, 1987 -1994.
- Co-ordinator of Newcastle Khartoum Link. This is a British council sponsored link which was discontinued after the Gulf war. In the year 2001, we managed to resurrect this Link. So far, exchange of two departmental staff was arranged and will be followed by other two staff members from both sides next year.
- Co-ordinator of Padoua Khartoum Link. This is a new collaboration which was completed last year. Two departmental staff members and one from Padua participated in this exchange program and another two were due for next year.

- Co-ordinator of Lima Khartoum Link. This is an irregular collaborative effort with Gorgas Memorial Institute of Tropical and Preventive Medicine, Lima University, Peru. All African universities compete in this program to teach African tropical paediatrics' course which is organized once a year in Lima. Since 1988, two of the departmental staff members were tutors in this course.

10. **CONTRIBUTION TO CHILD HEALTH:**

- Consultant paediatrician, Khartoum Cheshire Home for Rehabilitation of Handicapped Children Khartoum, 1983 -1996 (Voluntary clinic once a week)
- Consultant paediatrician, Neonatal Unit, Police Hospital, since 1997.
- Honorary Research Fellow, Department of Paediatrics and Child Health, University of Newcastle Upon Tyne, Newcastle Upon Tyne, U.K. (nine months)
- Honorary Research Fellow, Section of Epidemiology, The Institute of Cancer Research, University of London, Surrey, U.K. (six weeks).
- Field director, Maternity Care Monitoring Project conducted jointly by the U of K, Ministry of Health and the International Development Centre (IDRC), Canada, 1985 -1989
- Principal Investigator, High Titre Early Measles Vaccination Project, conducted jointly by the U of K and IDRC Centre, Canada, 1989 -1989.
- Member of the Steering Committee for introduction of IMCI pre-service training to medical schools and paramedical training institutes (WHO, MOH) since 2000.
- Chairperson of the adaptation subgroup on measles and fevers for IMCI program.
- Overseas sponsor for a number of postgraduate doctors training in UK, USA and The Netherlands.

11. **CONTRIBUTION TO THE HEALTH SYSTEM:**

- Deputy Director, Licensing Examination Committee, Sudan Medical Council, Khartoum, Sudan 2007 – to date.
- Member of the Paediatric Committee, Sudan Medical Council, Khartoum, Sudan 1996 – to date.
- Member of the Executive Committee, Sudan Medical Council, Khartoum, Sudan 2014.
- Chairman: Technical Committee for Measles Elimination, Federal Ministry of Health, Khartoum, Sudan, 2010 – to date.

- Member: National Immunization Advisory Committee (NITAC), Federal Ministry of Health, Khartoum, Sudan, 2010 – to date
- Member of the National Committee for Certification of Poliomyelitis Eradication in Sudan, Federal Ministry of Health, Khartoum, Sudan 1996 – to date.
- Member of the National I M C I Task force, Federal Ministry of Health, Khartoum, Sudan 1996 – to date.
- Member of the Technical Consultation Council, Ministry of Health, Khartoum State 1995 – to date.
- Convenor of the national committee (MOH) investigating the epidemic of complications of BCG vaccination in Khartoum and Wad Madani., 1990.
- Member of the executive committee, Cheshire Home for Handicapped Children, 1983 - 1998.
- Member of the International Association of Maternal and Neonatal Health (IAMENH) - African Division, 1992 – to date.
- Member of the International Paediatric Association (IPA), 1999 - to date.
- Member of the Pan-Arab Union of Neurosurgical Sciences Research Committee, Child Neurology, 1998 to date.

12. **OTHER CONTRIBUTIONS:**

- Member of U of K Senate 1998 - to date
- Faculty board member 1994 – to date
- Member of the curriculum committee 1998 – to date.
- Member of the Faculty Research Committee 1998 – to date .
- Convenor of the Arabisation group and member of the research group, Department of Child Health, Faculty of Medicine, University of Khartoum, 1992 - 1995.
- Member of the EDC steering committee, U of K 1988 – to date.

13. **CONTRIBUTION TO MEDICAL EDUCATION**

A) Contribution as an instructor and / or a facilitator:

- 13.1 The Nile Winter College on Statistics and Medicine, Workshop conducted jointly by the U. of K, M. of H, and U N I C E F, January 1989 (Organiser and presented one paper).

- 13.2 Workshop on Postgraduate Medical Studies - M D in Paediatrics and Child Health, organised by the Board of the Postgraduate Medical Studies, E D C, Khartoum, September 1992 (Group leader and facilitator).
- 13.3 Courses for training of trainers in Nursing and Midwifery. Organized twice per year by the Educational Development Centre, University of Khartoum and the Federal Ministry of Health (Instructor, since 1995).
- 13.4 Courses on learning and teaching methods for health cadre. Organized twice per year by the Educational Development Centre, University of Khartoum and the Federal Ministry of Health (Instructor, since 1995).
- 13.5 Courses on research metrology for medical and health personnel. Organized two to four times per year by the Educational Development Centre, University of Khartoum (Instructor, since 1997).
- 13.6 Courses on presentation skills for medical and health personnel. Organized two to four times per year by the Educational Development Centre, University of Khartoum (Instructor, since 1997).
- 13.7 Neonatal Resuscitation Course for registrars in paediatrics, obstetrics and anaesthesia; organized by the Department of Paediatrics and Child Health, Post Graduate Medical Studies Board University of Khartoum in collaboration with the Department of Paediatrics, Cork University, Ireland, 6 - 9 October 2002 (Facilitator).
- 13.8 Neonatal Resuscitation Course for registrars in paediatrics, obstetrics and anaesthesia; organized by the Department of Paediatrics and Child Health, Post Graduate Medical Studies Board University of Khartoum in collaboration with the Department of Paediatrics, Padua University, Italy, 22 - 24 March 2004 (Instructor).
- 13.9 Neonatal Resuscitation Provider and Instructor Courses (NRP) for registrars in paediatrics, obstetrics and anaesthesia; organized by the Department of Paediatrics and Child Health. Regular courses twice a year from March 2004 to date (Instructor).
- 13.10 ALSO (Provider Course). Organized by the Department of Obstetric and Gynaecology, University of Khartoum and Soba University Hospital. Regular course every four months from March 2005 to date (Instructor).
- 13.11 Workshop on Introduction of OSCE / OSPE examination in the Khartoum Medical School. Organised by Education Development Centre and Soba University Hospital, April 2010. (Principal organizer).
- 13.11 Workshop on Multistation Clinical Examination for Postgraduate Students. Organized by the Royal College of Paediatrics and Child Health and the Sudan National Specialization Board, Khartoum 16-18 May 2011 (Organizer / facilitator / participant).

14. **SUPERVISION OF GRADUATE STUDENTS:**

A) **Ph D and MSc**

- 14.1 Ahmed M El Tom, M Sc thesis: Correlation of the biochemical pattern with the clinical features of protein energy malnutrition. Thesis passed 1988.
- 14.2 Suha G Ahmed, M Sc thesis: Minerals and trace elements in protein energy malnutrition in Sudanese children. Thesis passed 1990.
- 14.3 Alshaffa E Elhag, PhD thesis: Differential fatty acids and lipid metabolism in protein energy malnourished Sudanese children in Khartoum (co-supervisor). Thesis passed 1993
- 14.4 Ahmed M Elawdi: MD in Paediatrics and Child Health **by research**: vitamin D deficiency rickets in children in peri-urban Sana'a, Yemen. Thesis passed 2007.
- 14.5 Khalid G Saeed: MD in Paediatrics and Child Health **by research**: Impact of vitamin A supplementation on the outcome of pneumonia among hospitalized preschool children in Sana'a City, Sana'a, Yemen (Thesis in preparation).

B) **Clinical MD in Paediatrics and Child Health**

- 14.6 Elgaili G Dafalla: Comparative study of intravenous aminophylline, subcutaneous adrenaline and nebulized salbutamol in the treatment of acute asthma in children. Thesis passed 1988.
- 14.7 Fatima I Osman: Acute respiratory infections in Sudanese Children A hospital-based study. Thesis passed 1990
- 14.8 Ibrahim A Adlan: Trial of early High titre measles vaccination in Sudanese children. Thesis passed 1991.
- 14.9 Abdelazim M Mabrook: Assessment of lung function test in normal Sudanese children. Thesis passed 1992.
- 14.10 Muneer M Ali: Pattern of physical handicap in Khartoum Cheshire Home for rehabilitation of physically handicapped children. Thesis passed 1992.
- 14.11 Fikria A Salih: Childhood mortality in a rural community in Sudan: An investigation of a cohort study. Thesis passed 1993.
- 14.12 Magda G Gureish: Measles case management and case fatality in a sub-urban community east of Khartoum. Thesis passed 1995.
- 14.13 Aisha H Bakheit: Reversibility of renal and urine abnormalities due to Schistosoma Haematobium in children. Thesis passed 1995.

- 14.14 Magda A Kamal Eldin: Short course chemotherapy for childhood pulmonary tuberculosis. Thesis passed 1996.
- 14.15 Elmamon E Mohammed: Radiological patterns of childhood pulmonary tuberculosis in Khartoum State. Thesis passed 1996.
- 14.16 Hind O Elmour: Tuberculin Sensitivity in Children in a rural area in Sharg Elneil Province. Thesis passed 1997.
- 14.17 Mohammad G Mohammad: Evaluation of asthma severity in school-aged children. Thesis passed 1997.
- 14.18 MD Thesis entitled: The efficacy of artemether versus quinine in the treatment of cerebral malaria in Sudanese children, 1997.
- 14.19 Ali ME Arabi: Hypoxaemia in acute respiratory tract infections: recognition and management. Thesis passed 1998.
- 14.20 Marwan I Salim: Intestinal parasitic infections in schoolchildren in Khartoum State. Thesis passed 1999.
- 14.21 Omer M Mustafa: Measles: epidemiological, diagnostic and immunological aspects. Thesis passed 1999.
- 14.22 Ibtisam F Ali: Pattern of congenital malformations among Sudanese children at birth. Thesis passed 1999.
- 14.23 Mariam Z Mubak: Glutamic acid decarboxylase and ant thyroid antibodies in Sudanese diabetic children. Thesis passed 1999.
- 14.24 Muna B Mohammed: Risk factors of perinatal mortality in two hospitals in Khartoum State. Thesis passed 2000.
- 14.25 Mohmoud H Sakran: Prevalence of hepatitis C virus in high-risk Sudanese children in Khartoum State. Thesis passed 2000.
- 14.26 Siham M Salih: Pattern of mental retardation in institutionalized children in Khartoum State. Thesis passed 2001.
- 14.27 Insaf AE Ali: Neonatal exposure to aflatoxins and its effect on birth weight and neonatal jaundice. Thesis passed 2001
- 14.28 Ilham NE Mukhtar: Nocturnal enuresis among basic school children in Omdurman. Thesis passed 2002.
- 14.29 Abubakr A MELtigani: Pattern of skin diseases in children attending the dermatology clinic in Khartoum. Thesis passed 2002
- 14.30 Maha E Ibrahim: Inventory of acute febrile viral infections among 0-12 year's children in Khartoum State. Thesis passed 2003.

- 14.31 Mahasin I El Amin: Monitoring efficacy of measles mass vaccination in peri-urban site in Khartoum – Sudan. Thesis passed 2003
- 14.32 Amira A Idris: Effect of mothers' knowledge, attitude and practice on asthmatic children attending Khartoum Children's Emergency Hospital. Thesis passed 2003.
- 14.33 Peter ML John: Prevalence of some aspects of asthma, allergic rhinitis and atopic dermatitis in schoolchildren in Khartoum Province. Thesis passed 2003
- 14.34 Nuha Abdul Ghaffar: Accidental poisoning in paediatric emergency departments in Khartoum State. Thesis passed 2003
- 14.35 Ilham A Hamid: Growth profile of basic school children in Althoura, Omdurman, Khartoum State. Thesis passed 2004.
- 14.36 Safi Eldin I Elsafi: Sero-prevalence of brucellosis in children in high-risk area in Sharg El-Nile Province, Khartoum State. Thesis passed 2004.
- 14.37 Mai M Elhassan: BCG efficacy in children in Sharg Elneil province, Khartoum State. Thesis passed 2004.
- 14.38 Nuha Sharaf Eldin: Pattern of cardiac abnormalities in children with Down Syndrome in Khartoum State. Thesis passed 2004.
- 14.39 Sahar Khogali Mohd Al-Ameen. Breast feeding duration and cognitive development in preschool children. Thesis passed 2004
- 14.40 Karim Eldin A Mohammed : Spectrum of some serious infections caused by *haemophilus influenzae* in children 2-59 months in Omdurman Children's Emergency Hospital, Omdurman, Sudan. Thesis passed 2004.
- 14.41 Ghadah E Abdulrahman: Neural tube defects: incidence and pattern in Omdurman Maternity Hospital – Sudan. Thesis passed 2004.
- 14.42 Amal A Abdelhafiz: Psychosocial impact of sickle cell anaemia in affected Children and their families. Thesis passed 2004.
- 14.43 Samia Hassan Osman: Pattern of valvular involvement in rheumatic heart disease in two cardiology centres in Khartoum. Thesis passed 2004.
- 14.44 Alam Eldin Musa Mustafa: Clinical pattern and diagnostic tools used in tuberculous malnourished children in Kassala Hospital. Thesis passed 2005.
- 14.45 Mashair A/Gadir Hag Abubkr: Perinatal outcome of high risk pregnancies in two hospitals in Khartoum State. Thesis passed 2005.
- 14.46 Nazra Sayed Osman: Pattern of bacterial infections in under two months infants in Mygoma Home – Khartoum, Sudan. Thesis passed 2005.

- 14.47 Atif Ahmed Mohammed Saad: Frequency of intestinal parasites among asthmatic Sudanese children in some hospitals in Khartoum State. Thesis passed 2005
- 14.48 Hind Mohammed Mirghani Ahmed: Pattern and risk factors of early neonatal morbidity and outcome in Omdurman Maternity Hospital Nursery – Sudan. Thesis passed 2005.
- 14.49 Babiker Hussein Elamin Ahmed. Impact of pregnancy induced hypertension on the newborn in two hospitals in Khartoum State. Thesis passed 2005
- 14.50 Noureldin Younis Hamid. Efficacy of IV magnesium sulphate in severe acute asthma in children attending Khartoum Children's Emergency Hospital. Thesis passed 2005.
- 14.51 Mohammed Hassan Hamad Elnasri: Assessment of chest circumference as a predictor of birth weight in Special Care Baby Unit in Omdurman Maternity Hospital. Thesis passed 2005
- 14.52 Maha S Mustafa: Common eye disorders in children attending Khartoum Eye Teaching Hospital. Thesis passed 2006.
- 14.53 Hussein A Babiker. Prevalence of Malnutrition in children with chronic renal failure in Khartoum. Thesis passed 2007.
- 14.54 Wiam A M A Arabi. Attention Deficit Hyperactivity Disorder: clinical features, risk factors and effect on family dynamics, 2007.
- 14.55 Sara Y. Abdelrahim. Nutritional status, social aspects and HIV infections among S-O-S children village in Khartoum. Thesis passed 2007.
- 14.56 Amna A E M Attar. Cutaneous manifestations in newborns in Omdurman Maternity Hospital. Thesis passed 2008
- 14.57 Hisham M. Eltayeb. Prevalence of HIV infection among children with tuberculous in Khartoum State: A hospital-based study. Thesis passed 2008
- 14.58 Mohammed H Abdelrahman. Pattern and Diagnosis of Congenital Heart Disease in Patients attending Ahmed Gasim Cardiac Centre. MD Thesis, Sudan Medical Specialization Board. Thesis passed 2012
- 14.59 Mustafa Hussain Salah. Airway foreign bodies in children. MD Thesis, Sudan Medical Specialization Board. Thesis passed 2012.
- 14.60 Abdelaziz Khogali Elshiekh Malik. Seroprevalence of Helicobacter Pylori in children with some skin diseases. MD Thesis, Sudan Medical Specialization Board. Thesis passed 2014.
- 14.61 Fatima Hasab Elrasoul Babiker. Comparison between clinically diagnosed and laboratory confirmed measles in Omdurman, Sudan. MD Thesis, Sudan National Medical Specialization Board (SNMSB). Thesis passed 2014.

14.62 Amani Abdullahi Abdurrahman. Respiratory distress in term cesarian section newborns in Omdurman Maternity Hospital (SNMSB). Thesis passed 2014.

15. **PUBLICATIONS:**

- 15.1 S A Ibrahim, P Morrell. Death from infections 1981-4. Collaborative Survey of Perinatal and Late Neonatal Mortality. Northern Regional Health Authority, Newcastle upon Tyne. Report 1984; pp 23-5.
- 15.2 M I A Omer, S A Ibrahim. Adverse drug reactions in developing countries. Skandia International Symposia. Detection and prevention of Adverse Drug Reactions. Almqvist & Wiksell International, Stockholm 1984; pp 217-23.
- 15.3 M I A Omer, S A Ibrahim, H Rushwan, E Kessel. Maternity care monitoring of village midwives. In: High Risk Mothers and Newborns. Edited by A R Omran, J Martin, B Hamza. Ott publishers, Than, Switzerland. 1987; pp 433-448.
- 15.4 AM Eltom, SA Ibrahim, BO Saeed, AM Abdelrahman. Electrophoretic patterns of plasma proteins in normal and in children with protein energy malnutrition in Sudan. Sudan Med J (Spedial Issue – Pan Arab Medical Congrass) 1087:74-78
- 15.5 H J Fletcher, S A Ibrahim, A N P Speight. Survey of asthma deaths in the Northern Region, 1970-1985. Arch Dis Child 1990; 65:163-167.
- 15.6 S A Ibrahim. Management of childhood asthma in the tropics. Sudan Med J 1990; 28(1-4):3-8.
- 15.7a S A Ibrahim, M I A Omer, I K Amin, A G Babiker, H Rushwan. The role of the village midwife in detection of high-risk pregnancies and high-risk newborns. Early Childhood Towards The 21st Century: A Worldwide Perspective. Edited by Betty Po-King Chan. Yew Chung Education Publishing Company, Hong Kong. 1990; pp 507-514.
- 15.7b S A Ibrahim, M I A Omer, I K Amin, A G Babiker, H Rushwan. The role of the village midwife in detection of high-risk pregnancies and high-risk newborns. Int J Gynecol Obstet 1992; 39:117-122.
- 15.8 S A Ibrahim. F I Osman, G I Sulaiman. Acute respiratory infections in children in Khartoum. Sudan Med J 1993; 31(1):60-76.
- 15.9 S A Ibrahim, Z A Karrar, S Bashar. The pattern of childhood tuberculosis in Khartoum. Sudan Med J 1993:31(2):1-15.
- 15.10 S A Ibrahim, E D Elgurashi, O A Elkarim. Comparative study of intravenous aminophylline, subcutaneous adrenaline and nebulized salbutamol in the treatment of acute asthma in children. Pediatr Rev Commun 1993; 7:175-182.
- 15.11 S A Ibrahim, M I A Omer, T I Hummeida. Median nerve compression following BCG vaccination.- case report and literature review of complications of BCG vaccination. Sudan Med J 1994; 32(1):98-109.

- 15.12 S A Ibrahim, A G Babiker, I K Amin, M I A Omer, H Rushwan. Factors associated with high risk of perinatal and neonatal mortality. An interim report on a prospective Community-based study in rural Sudan. *Paediatr Perinatal Epidemiol* 1994; 8:193-204.
- 15.13 S A Ibrahim. A M Mabrook, Pulmonary functions in normal Sudanese children. *Pediatr Rev Commun* 1994; 7:231-239.
- 15.14 S A Ibrahim, A M Eltom, A M A/Rahman, B O Saeed. Correlation of the biochemical pattern with the clinical features of protein energy malnutrition. *East Afr Med J* 1994; 71(2):77-83.
- 15.15 B O Saeed, A M Eltom, S A Ibrahim, A M Abdulrahman. Lipids and lipoproteins levels in Kwashiorkor patients before and after treatment. *East Afr Med J* 1993;7(4):217-219.
- 15.16 S. Elamin, J. Langhoff-Roos, B. Bødker, S. Larsen, S. A. Ibrahim, A. L. Ashmeig, G. Lindmark Perinatal audit in Sudan. *Intern J Gynecol Obstet* 01/2000; 70.
- 15.17 El Mubarak HS, Van de Bildt, Mustafa OM, Vos HW, Mukhtar MM, Groen J, El Hassan AM, Niesters HGM, Ibrahim SA, Zijlstra EE, Wild TF, Osterhaus ADME, De Swart RL. Serological and virological characterization of clinically diagnosed measles in suburban Khartoum. *J Clin Microbiol* 2000; 38:987-991.
- 15.18 de Swart RL, El Mubarak HS, Vos HW, Mustafa OM, Abdalla A, Groen J, Mukhtar MM, Zijlstra EE, El Hassan AM, Wild TF, Ibrahim SA, Osterhaus AD. Prevention of measles in Sudan: a prospective study on vaccination, diagnosis and epidemiology. *Vaccine* 2001; 19(17-19):2254-7.
- 15.19 S A Ibrahim, Zein A Karrar, Mohammed IA Omer. The incidence and time trend of immunizable diseases in hospitals in Khartoum. *Sudan Medical Journal* 2001;39(4):15-21.
- 15.20 De Swart RL, Nur Y, Abdallah A, Kruining H, El Mubarak HS, Ibrahim SA, Van Den Hoogan B, Groen J, Osterhaus AD. Combination of reverse transcriptase PCR analysis and immunoglobulin M detection on filter paper blood samples allows diagnostic and epidemiological studies of measles. *J Clin Microbiol* 2001; 39(1):270-3).
- 15.21a S A Ibrahim, Beshir A Elbeshir, Adam Fadlalla. Cerebral palsy in Khartoum Cheshire Home 1982-1997: Analysis of 1200 cases (Abstract). *Brain & Development* 2001; 23(3):150-151.
- 15.21b S A Ibrahim, B El-Beshir, A Salim. Cerebral palsy in Khartoum Cheshire Home 1982-1997: Analysis of 1200 cases. In: *Cerebral Palsy at the Turn of the Millennium*, edited by M.V.Perrat, Monduzzi Editore, Bologna, Italy 2001; pp19-24.
- 15.22 Libman MD, Ibrahim SA, Omer MIA, Adlan IA, Bellavance F, Hoskins E, Bertley F, Ward B. No evidence for short or long term morbidity after increased titer measles vaccination in Sudan. *Pediatr Infect Dis J* 2002; 21(2):112-9.

- 15.23 Ibrahim SA, Mustafa OM, Mukhtar MM, Saleh EA, El Mubarak HS, Abdallah A, El Hassan AM, Osterhaus AD, Groen J, De Swart RL, Zijlstra EE. Measles in Suburban Khartoum: an epidemiological and clinical study. *Trop Med Int Health*. 2002; 7(5):442-9.
- 15.24 El Mubarak HS, Van De Bildt MW, Mustafa OM, Vos HW, Mukhtar MM, Ibrahim SA, Andewg AC, El Hassan AM, Osterhaus AD, De Swart RL. Genetic characterization of wild-type measles viruses circulating in suburban Khartoum, 1997-2000. *J Gen Virol* 2002; 83(Pt6):1437-43.
- 15.25 El Amin S, Lannghoff-Ross J, Bodker B, Bakr AA, Ashmeig AL, Ibrahim SA, Lindmark. G. Introducing qualitative perinatal audit in a tertiary hospital in Sudan. *Health Policy Plann* 2002; 17(3): 296-303.
- 15.26 Satti HM, Elhassan SH, Ibrahim SA. The efficacy of Artemether versus quinine in the treatment of cerebral Malaria. *J Egypt Soc Parasitol* 2002;32(2):611-23.
- 15.27 Elamin S, Langhoff-Ross J, Boedker B, Ibrahim SA, Ashmeig AL, Lindmark G. Classification of perinatal death in a developing country. *Int J Gynaecol Obstet* 2003; 80(3):327-33.
- 15.28 Salah Ahmed Ibrahim, Haydar Abubkr Abdalla, Ahmed Mohammed El Hassan. Congenital salivary gland analage tumor presenting with neonatal respiratory distress. *Paediatr Pathol Molec Med* 2003; 22:209-211.
- 15.29 Ibrahim SA, Hoskins EW, Adlan IA, Omer MIA. A controlled trial of medium titre measles vaccination at six months of age: prospective study in rural Sudan. *Sudanese J Paediatr* 2003; 6:29-44.
- 15.30 Ibrahim SA, Karrar ZA, Mustafa A, Hamza YO, Okany H, Elmughrabi IS, Hamdalla K, An epidemic of complications of BCG vaccination. *Sudanese J Paediatr* 2003; 6:45-52.
- 15.31 Hamed AA, Ibrahim SA, Yousif T. A survival of massive cerebral infarction associated with gastroenteritis: case report. *Sudanese J Paediatr* 2003; 6:89-95.
- 15.32 Salah Ahmed Ibrahim, Muneer Mohammed Ali. Cerebral palsy in Sudan: A clinical study of 120 cases. *Yemen Med J* 2002; 4(2)69-78.
- 15.33 HS Elmubarak, SA Ibrahim, HW Vos, MM Mukhtar, OA Mustafa, TF Wild, ADME Osterhaus, RL de Swart. Measles virus protein-specific IgM, IgA, and IgG subclass responses during the acute and convalescent phase of infection. *J Med Virol* 2004;72:290-298.
- 15.34 Volz S, Ibrahim SA, Mohammad EE, Abdelwahab O, Yousif EA Radiological patterns of childhood pulmonary tuberculosis in Khartoum. *Sudan Med J* 2004;41(1):3-10.
- 15.35 El Mubarak HS, Yoksel S, Mustafa OM, Ibrahim SA, Osterhaus ADME, de Swart RL. Surveillance of measles in the Sudan using filter paper blood samples. *J Med Virol* 2004;72:624-630.

- 15.36 Bertley FMN, Ibrahim SA, Libman M, Ward BJ. Measles vaccination in the presence of maternal antibodies primes for a balanced humeral and cellular response to vaccination. *Vaccine* 2004;23(4):244-9.
- 13.37 Elsheikh G, Ibrahim SA, Mahgoub F, Thorns J, Lwis M. Deliveries of babies with neural tube defects in Omdurman, Sudan. *Cerebrospinal Fluid Res* 2004;1 (supp 1):548
- 15:38 Salah Ahmed Ibrahim, Maha Elbukhari Ibrahm. Acute febrile viral infections among children below 12 years in Khartoum State. *Sudanese J Paediatr* 2005;7:62-75.
- 15.39 Ibrahim SA, Abdalla A, Saleh EA, Osterhaus ADME, De Swart RL. Measles virus-specific antibody levels in Sudanese infants: a prospective study using filter paper blood samples. *Epidemiol Infect* 2006;134:79-85.
- 15.40 P Aaby, Ibrahim SA, M D Llibman, H Jensen. The sequence of vaccination and increased female mortality after high titre measles vaccine: Trial from rural Sudan and Kinshasa. *Vaccine* 2006;24:2764-2771.
- 15.41 Ibrahim SA, El Mubarak HS, Omer MIA, Osterhause ADME, De Swart RL. Measles in Sudan: towards mortality reduction and regional elimination. *Int J infec Dis* 2006;10 (suppl 1):S337-S338.
- 15.42 Trievisanuto D, Ibrahim SA, Doglioni N, Salvadori S, Ferrarese P, Zanardo V. Neonatal resuscitation courses for paediatric residents: comparison between Khartoum (Sudan) and Padova (Italy). *Paediatr Anaeth* 2007; 17:28-31.
- 15.43 SA Ibrahim, Abdel G Babiker, IK Amin, MIA Omer, H Rushwan. Size at birth and neonatal and post-neonatal mortality. *Acta Paediatrica* 2007;91(4):447-452.
- 15.44 Ali KEM, Ibrahim SA, Saeed ES. Serious infections caused by Haemophilus Influenzae type b in children aged 5-59 months in Omdurman. *Sudan J Paediatr* 2007; 8: 80-90.
- 14.45 C Dubray¹, SA Ibrahim², M Abdelmutalib², PJ Guerin¹, D Legros³, L Pinoges¹, V Brown¹. Treatment of severe malnutrition a two-day intramuscular ceftriaxone versus five-day amoxicillin. *Ann Trop Paediatr* 2008; 28(1):13-22.
- 15.46 Alkhalifa MS, Ibrahim SA, Osman SH Pattern and severity of rheumatic valvular lesions in children in Khartoum, Sudan. *Eastern Mediterranean Hlth J* 2008;14(5): 29-35.
- 15.47 Abdelrahim MB, Ibrahim SA, Yousif DA, El-Hassan AM. Rapidly progressive Iga nephropathy in one of a pair of identical twins. *Arb J Nephrol Transpl* 2008;1(1):31-33.
- 15.48 Cazeneuve C, Sãn C, Ibrahim SA, Mukhtar MM, Kheir MM, Leguern E, Brice A, Salih MA A new complex homozygous large rearrangement of the PINK1 gene in a Sudanese family with early onset Parkinson's disease. *Neurogenetics* 2009;10(3):265-70.
- 15.49 Adam I, Adam KG, Mohammad AA, Salih MM, Ibrahim SA, Ryan CA. Placental malaria and lack of prenatal care in an area of unstable malaria transmission in Eastern Sudan. *J Parasitol* 2009;95(3):751-2

- 15.50 Elsheikh G, Ibrahim SA. Neural tube defects in Omdurman Maternity Hospital, Sudan. *Khartoum Medical Journal* 2009;2(2):185-190.
- 15.51 Salah A Ibrahim, Zeinab Gaily, Mohammed B Abdelrahim. Child abuse: under-reported, under diagnosed and under-treated. Four case reports and literature review. *Khartoum Med J* 2009; 2(2):222-225.
- 15.52a Salih Karim EMA, Saeed NL, Karsani MS, Ibrahim SA Rapid test for diagnosis of bacterial meningitis and short term outcome in children under five years in Omdurman, Sudan. *Acta Paediatr* 2010:99 supp 462:69 (Abstract)
- 15.52b Salih Karim EMA, Saeed NL, Karsani MS, Ibrahim SA Rapid test for diagnosis of bacterial meningitis and short term outcome in children under five years in Omdurman, Sudan. *Sudan J Paediatr Child Hlth* 2010:10(3);51-55.
- 15.53 Karim Eldin Mohamed Ali Salih, El Nageeb Suliman Saeed , Mubarak Saeed Karsani, Rehab El Ageb, Ali Abdin Salih, Salah Ahmed Ibrahim. Characteristics of morbidity and mortality in children less than 5 years of age with acute bacterial meningitis in Omdurman, Sudan. *J Med Medical Sc* 2011; 2(6):920-924.
- 15.54 Carlson VM, Omer MI, Ibrahim SA, Ahmed SE, Byrne KJO, Kenny LC, Ryan CA Fifty years of Sudanese hospital-based obstetric outcomes and an international partnership. *Br J Obstet Gynaecol* doi: 10.1111/j.1471-0.528.2011.03092.x
- 15.55 Karim Eldin M. A. Salih, Ali Salih, El Fatih Z. E. El Samani, Kamal Eldin Hussien, Salah A. Ibrahim. Characteristics associated with severe pneumonia in under-five children admitted to emergency units of two teaching hospitals in Khartoum, Sudan. *Sudan J Paediatr* 2011;11(2):25-31
- 15.56 Idris BA, Basheer AT, Suleiman GI, Ibrahim SA. Unusual presentation of plasmodium vivax malaria with anaemia, thrombocytopenia and cerebral malaria. *Khartoum Med J* 2011;4(3):60-61.
- 15.57 Karim Eldin, Mohamed Ali Salih, El Nageeb, Suliman Saeed, Mubarak Saeed Karsani, Ayman Ahmed Elshayeb, Salah Ahmed Ibrahim. Pattern of bacterial meningitis in Sudanese children, Omdurman, Sudan. *Afr J Microbiol Res* 2011; 4:2670-2673
- 15.58 Karim Eldin Mohamed Ali Salih, Osman Abdelwahab, Salah Ahmed Ibrahiim. Radiological findings in children 1-59 months in a children hospital in Khartoum, Sudan. *Paed and Therap* 2012:
- 15.59 Salah A Ibrahim, Mohammed H Abdelrahman, Osama H Elahazali. Pattern and Diagnosis of Congenital Heart Disease in Patients attending Ahmed Gasim Cardiac Centre. *Sudan J Med Sci* 2012; 7(4): 249-254
- 15.60 AAME.M.kheir, SA Ibrahim, EAK Yahia. Knowledge, attitude and practice of Sudanese mothers towards management of febrile convulsions. *Khartoum Med J* 2013; 5(1):847-53.

- 15.61 K S Karsany, AA Elshayeb, E S Saeed, S A Ibrahim, E Elsammani, K Hussein, K M Salih. Pattern of meningococcal infection in Sudan with emergence of Neisseria Meningitidis serogroup W135. Eastern Mediterranean Hlth J 2013;19 (10):843-846.
- 15.62 Sirageldin MK Abdel Rahman, Aisha H. Bakhiet, Salah A. Ibrahim, Amadeldin O. Ahmed, SidahmedA.Sidahmed, Hana A. Ahmed. Congenital Cystic Adenomatoid Malformation: a case report. Sudan J Paediatr 2013;2:57-61.
- 15.63 Mohammed Hassan Abdelrhaman, Salah Ahmed Ibrahim, Moawia Elsadig. Sacrococcygeal teratoma. Case report. Hamdan Medical Journal 2013; 6:389–394.
- 15.64 Salah A Ibrahim, Munadhil A Fadl Elmola, Zain A Karrar, Ali M E Arabi, Mohammad A Abdalla, Sulafa K Ali, Fathelrahman Elawa , Tag Elsir A Ali, Mashair B Abdulrahman, Salma M Ahmed, Abelrazzag S Gundi. Cystic Fibrosis in Sudanese children. Sudan J Paediatr 2014; 14 (1): 59-44).
- 15.65 Karim Eldin M Salih, Jalal A Bilal, Mona A Alfadeel, Yassin Hamid, Widad Eldouch, Elfatih Elsammani, Salah A Ibrahim, Ishag Adam. Poor adherence to the World Health Organization guidelines of treatment of severe pneumonia in children at Khartoum, Sudan. BMC Research Notes 08/2014; 7(1):53.
- 15.66 Ali Araby, Gavin A Hawkes, Yusuf Malik, Anthony C Ryan, Sami Ahmed, Eugene M Dempsey, Salah Ibrahim Safe and Unsafe Practices in Newborn Resuscitation Amongst Village Midwives in Sudan Prior To the Helping Babies Breathe Programme. Pediatric Academic Societies Annual Meeting, Vancouver 2014, Vancouver; 05/2014
- 15.67 Karimeldin Mohamed Ali Salih, El-Fatih El-Samani, Jalal Ali Bilal, Widad Eldouch, Salah Ahmed Ibrahim. Clinical and laboratory potential predictors of blood culture positivity in Under Five children with clinically severe pneumonia – Khartoum, Sudan. J Clin and Diagnostic Res 2015: 9(8); SC04-SC07
- 15.68 Ali ME Arabi, Salah A Ibrahim, Sami E Ahmed, C.A. Rayan Introducing Helping Babies Breathe (HBB) Program into rural Sudan: An interim report (accepted for publication in Khartoum Medical Journal).
- 15.69 Bakhiet EH, Ibrahim SA, Abdulwahab O, Elhag AI. Renal ultrasound and urine abnormalities caused by Schistosoma haematobium in children before and after treatment. (Submitted to Sudan Medical Journal).

16. **OTHER PUBLICATIONS**

- 16.1 **MD Thesis (by research):**
S A Ibrahim. A Cohort Study on Perinatal and Late Neonatal Mortality in a Rural Community in Sudan M.D. Thesis (Pass with Distinction) Faculty of Medicine, University of Khartoum, June 1995.
- 16.2 **Editor of The Book of Abstracts:**
First edition (2000); containing abstracts from 1967-2000
Second edition (2004); containing abstracts from 1967-2004

This book is inclusive of all abstracts of thesis of the candidates who passed the Clinical MD in Paediatrics and Child Health since the degree started in 1976 up to 2004 in its recent edition. It contains a total of 197 Abstracts in chronological order with a subject index at the beginning. It is meant to be an addition to the scientific knowledge, specifically identifying and researching priority health problems in Sudan, proposing feasible solutions in an attempt to improve child health services in Sudan. It is of benefit to policymakers, researchers and post-graduate students especially that the vast majority of these scientific papers is not published in medical journals.

17. **ON-GOING RESEARCH**

- Principal Investigator and field director of the project: Elimination of measles from East Africa. A collaborative research between the Department of Paediatrics, Endemic Disease Institute, U of K and the Institute of Virology, Erasmus University of Rotterdam, The Netherlands, since 1997.
- Principal Investigator. Helping babies breathe (HBB) in rural Sudan – East Nile Province. A collaborative community-based research project between the Department of Paediatrics U of K and Cork University Maternity Hospital, Cork, Ireland 2012 - 2015: (ongoing project).