

CURRICULUM VITAE

PROFESSOR NIMROD ODUNDO BWIBO

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BIRTH: Born 2nd January, 1932, second child of
Mr. Reuben Odundo Mulamba, a church leader and Mama
Rebecca Achola. Born at Busiada village, Bumarach
Location, Busia District, Western Province, Kenya.

MARITAL STATUS

Married to Hilda Namukhono Bwibo, 1960
with four children: 2 girls and two boys. One boy passed away
in 1998.

DEGREES AND DIPLOMAS

- Bachelor of Medicine and Bachelor of surgery (MBCh.B -East Africa) 1960.
- Master of Public Health (MPH), University of California,
- Diploma of America Board of Paediatrics, 1966; Fellow of American Academy of Paediatrics (USA) 1971.
- Member of Royal College of Physicians (MRCP) London (Hon), 1981.
- Doctor of Science Honaris Causa (DSc), Egerton University, 1999.

CURRENT APPOINTMENT:

- Professor of Paediatrics and Child Health on contract, University of Nairobi.
- Chairman, Maseno University Council.
- Chairman National Polio Certification Committee.
- Chairman National Task force for Laboratory containment of mld polio virus.
- Member of National Aids Control Council

BASIC EDUCATION

- Started schooling at Bukhalalire Elementary School in Busia District at a mature age of 11 years, (1941 to 1945).
- Attended primary school and Junior secondary school 1946-1950 at Government African School (GAS) Kakamega, completed with KAPE and KASE 1948 and 1951 respectively.
- Attended Alliance High School, Kikuyu 1951-1952 completing with Cambridge School Certificate with First Division with distinctions in science subjects: Biology, Physics, Chemistry and geography.

PROFESSIONAL EDUCATION

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|-----------|---|---|
| 1955-1960 | - | Makerere Medical School |
| 1963-1964 | - | University of California Berkley (USA) for MPH majoring in Maternal and Child Health (MCH) |
| 1964-1965 | - | University of California San Francisco (USA) Specializing in Paediatrics. |
| 1965-1966 | - | University of Washington Seattle (USA), continuation of Paediatrics training. |
| 1966 | - | University of London, Institute of Child Health and the Hospital for Sick Children, Great Ormond street Hospital gaining experience in Paediatrics. |
| 1967 | - | University of New Castle upon Tyne and the Institute of Child Health, New Castle gaining experience in paediatrics and teaching methodology. |
| 1968 | - | University of Copenhagen Institute of Genetics Denmark on WHO Fellowship learning genetics. |

While in USA was on fully paid Rockefeller Foundation Fellowship covering the family and four children.

Similarly while in UK the Heinz Fellowship covered the family and me. Great Ormond Hospital for the sick children in London.

PAST APPOINTMENTS

- 1961 - Internship at Kenyatta National Hospital, the then King George VI Hospital.
- 1962 - Medical Officer, Kiambu District Hospital.
- 1962 - Medical officer Mbale Hospital Uganda
- 1962-63 - Medical Officer, Mulago Hospital, Kampala
- 1967-1971 - Lecturer and Senior Lecturer, Department of Paediatrics, Makerere Medical School, Kampala.
- 1971-1972 - Senior Lecturer, Department of Paediatrics, University of Nairobi.
- 1972 - Appointed Professor and Chairman, Department of Paediatrics till 1982.
- 1973-1975 - Dean, Faculty of Medicine, University of Nairobi.
- 1983-1989 - First Principal of College of Health Sciences, University of Nairobi, at the time when university was restructured.
- 1989-1991 - Deputy Vice Chancellor, In charge of Academic Affairs. University of Nairobi.
- 1991 - Retired from University of Nairobi. -
- While at the University of Nairobi, 1971 – 1991 (20 years) was involved in many Senate and University Council Committees.
 - As the Dean, Faculty of Medicine, I was charged with the responsibility of starting the 2 new departments of Dentistry and Pharmacy which grew to become full-fledged Faculties in early 1990s.
 - Supervised postgraduate students two for Ph.D and several for master's degrees.
 - Acted as referee for various journals in the region.
 - Was Honorary Consultant Paediatrician at:
 - o Kenyatta National Hospital, 1971-todate
 - o Forces Memorial Hospital, 1974-1974
 - o Aga Khan Hospital, Nairobi, 1976 - 1982
 - Was visiting Professor/guest lecturer at:
 - o University of Helsinki, Finland 1978.
 - o University of California, Berkeley 1978, 1980 and 1981
 - o University of Hellenborg, South Africa, 1992.
 - o University of Washington DC, 1980.
 - While at the universities, 1967-1991. I travelled extensively worldwide attending conferences,

where I read papers based on my research findings. Such travels took me to: Argentina, Australia, Costa Rica, Denmark, Ethiopia, Egypt, Finland, France, Germany, Ghana, India, Japan, Mauritius, Netherlands, Nigeria, Spain, South Africa, South Korea, Tanzania, Uganda, United Kingdom, United States of America, Zambia and Zimbabwe.

- In several of the conferences I presented, the keynote address.

For instance:

- In the Netherlands, 1992, at the centenary celebration conference marking the 100 years of Dutch Paediatric Association. Topic: Paediatric Emergencies.
- In South Africa, at the Annual Scientific Conference of South Africa Paediatrics Association 1994. Topic: the role of paediatricians in health care in Africa.
- In Netherlands, at the International Paediatric Congress, 1998.

Topic: "Paediatrics in the developing countries now and in future.

ACADEMIC DUTIES IN OTHER UNIVERSITIES IN AFRICA

1. External Examiner in Several Universities in Africa: Dar es Salaam (thrice), Makerere (twice), Lagos (thrice), Ahmadu Bello (twice), Khartoum (thrice) and Moi (four times).

2. Appointed by the following Universities to review the publications of candidates for Paediatric Professorial appointment:

- | | | | |
|------|---------------|---|----------|
| i. | Lagos | - | thrice |
| ii. | Ife | - | once |
| iii. | Enugu | - | thrice |
| iv. | Ibadan | - | twice |
| v. | Benin | - | once |
| vi. | Dar es Salaam | - | thrice |
| vii. | Khartoum | - | once1992 |

DUTIES FOR MINISTRY OF HEALTH, KENYA

- i. A member of the Primary health care review committee 1985.
- ii. Participant at the UNICEF/WHO/Ministry of Health Seminar on “Nutrition in Health.
- iii. Member of Ministerial Ad hoc Committee on improvement of provision of health services in Kenya, 1985. Chairman: Dr. Muya.
- iv. Member of Kenyatta National Board of Management 1987 – 1989.
- v. Member of Ministry of Health delegation to World Bank, Washington, DC 1994 that discussed the role of Ministry of Health in provision of health care, cost sharing, involvement of NGO, and private sectors. I was the delegates’ rapporteur: Head of delegation: Hon. Minister Angatia.
- vi. A member of the government of committee that reviewed and submitted a report on De-congestion of Kenyatta – referral and teaching hospital. The setting up of Mbagathi as a district hospital came as a result of this.
Chairman: Mutitu (PS).
- vii. Chairman Task Force Evaluation, Kenya Medical Training College (KMTC) performance , December 2005 – January, 2006

WORK FOR MINISTRY OF EDUCATION, KENYA

- I. Appointed by Minister for Education as chairman Board of Governors Busiada Girls Secondary School in Busia District 1989 to date
- II. Appointed by the President as Chairman, Maseno University Council
- III. Appointed by the Minister as a member of St. Catherine Special School for Mentally Retarded children in 1989 to date

ADMINISTRATIVE EXPERIENCE AND RESPONSIBILITIES

1. Chairman, Department of Paediatrics, University of Nairobi, from June 1972 to October 1983.
2. Membership of various University Committees:
 - i. University Senate – 1972 to 1991
 - ii. Senate Postgraduate Studies Committee – 1979 from – 1991

- iii. University Development and Planning Committee – 1973 to 1976, and again from 1983 – 1991.
 - iv. University Management Committee – 1989 to 1991
3. Dean, Faculty of Medicine, University of Nairobi,
 4. Associate Dean, 1978 – 1980.
 5. Principal, College of Health Sciences, University of Nairobi, 1983 – 1989
 6. Deputy Vice Chancellor (Academic Affairs) University of Nairobi, 1989 – 1991.
Duties included:
 - Chairing Deans Committee
 - Overall in charge, curriculum Development
 - Overall in charge, University examinations
 - Overall in charge, University graduations, and
 - Signing degree certificates of the graduands
 7. Director, Training Department AMREF, 1991
 8. Deputy Director General (Technical), AMREF, 1991-1996.
Duties included:
 - Overall in charge of medical and health programmes of this NGO which serves Kenya, Uganda, Tanzania, Sudan, South Africa, Somalia and Ethiopia.
 - Was in charge of AMREF committees that did internal monitoring and evaluation of AMREF Health projects in preparation for donor review and extension of projects.

FELLOWSHIP AWARDS

- Rockefeller Foundation Fellowship, 1963-1966.
- Heinz Fellowship of British Paediatric Association, 1966-1967.
- WHO Fellowship to study medical genetics – Copenhagen University, Denmark.
- WHO Fellowship – Refresher course in Medical Genetics, Copenhagen University, Denmark.

HONOURS AND AWARDS

- Presidential award 1988 for participating in the 25th anniversary of independence when I wrote chapter on “Health” in the National book.
- Soka University (Japan), award in recognition of contribution to education and research internationally, 1988.
- Order of Burning Spear, 2nd class (EBS)
- Long service award of Kenya Medical Association April, 1997 in recognition of long Medical Service to the Country
- University of Nairobi Merit Award, 2001.
- University of California Davis – Merit award in commemoration of over 20 years of Creative contribution to child Nutrition Research in Kenya in 2004.

MEMBERSHIP TO PROFESSIONAL BODIES PAST AND PRESENT

- Member and Past Chairman, Kenya Paediatric Association
- Member and Past Chairman, Kenya Medical Association.
- First Secretary, Union of National African Paediatrics Societies and Associations (for six years).
- Member of International Paediatric Association
- Member, Editorial Board of Medicine digest (An International Medical Monthly for doctors in Africa and Middle East).
- Member, Editorial Board Post –Graduate Doctor – Africa.
- Member, Editorial Panel, Journal of Obstetrics and Gynaecology of East and Central Africa.
- Vice-President, Commonwealth Association for Mental Handicap and Development disabilities (CAMHDD), 1985 to 1989.
- The President of CAMHD, 1989 to 1991.
- Member, Editorial Board Journal of Paediatrics.
- Chief Editor, AFYA Journal an AMREF Journal
- Member, Editorial Panel, Nigerian Journal of Paediatrics.
- Patron, University of Nairobi Students Association against Drug Abuse.

SUPERVISION OF POSTGRADUATE STUDENTS

- **M. Med:** Several students in M.Med dissertation (Paediatrics)
- **MSc.** Three students in Nutrition
- **PhD:**
Pr. G. Opinya
Topic: Dental Fluorosis in children- completed.

Dr. Karani

Topic: Attitude and Practice among Kenyan Nurses – completed.

Dr. F. Were

Topic: Factors determining survival in very small Preterm Babies at 2 years at Kenyatta National Hospital – current

CONFERENCES, WORKSHOPS AND SEMINARS

Attended several National, Regional and International Medical Conferences.

International Conferences included:

a. International Paediatric Congress in:

- Buenos Aires, Argentina - 1974
- New Delhi, India - 1977
- Barcelona, Spain - 1980
- Paris, France - 1989
- Amsterdam, Netherlands - 1998
- Beijing China, - 2002

b. International Congress in Nutrition

- Seoul South, Korea - 1989.
- Durban, South Africa - 2005

RESEARCH

Conducted various research projects in the field of Child Nutrition, Sickle Cell Anaemia, Childhood Infections and Social paediatrics: (Child abuse, child labour, Mental Retardation), Accidental Poisoning, Iron Deficiency Anaemia.

- a. Initiated WHO Collaborative Centre for Adolescent Health at Faculty of Medicine.
- b. Spearheaded the National Child Survival and Development Programme – a Multidiscipline Programme with research activities in Semi-Arid Baringo district and in urban slum of Kibera, Nairobi – sponsored by UNICEF. I raised funds from Finland for this programme.
- c. Started child abuse and neglect research projects in the country.
- d. Initiated Childhood Accidental poisoning research in the country.

HOBBIES

- Walking
- Music
- Community development
- Church activities
- Writing educative health articles for the lay public in Medicus, Dear Doctor Magazine.

PUBLICATIONS

1. NO Bwibo Diphtheria
In: Diseases of Children in Sub-Tropics and Tropics
Editor: D. B. Jelliffee and J.P. Stanfield
Third Edition, Edward Arnold Publishers 1978 pp 257-262.
2. Bwibo N.O, Kasili EG, Oduori ML: Childhood Leukaemia in Kenya.
In: tumours in Early Life – in Man and Animals. Edited by
L Seven with Pwerugia Quadrennial international
Conferences in Cancer Rome, Italy 1977. P 253.
3. N .O Bwibo Nutrition and Child Health in Kenya
In: Paediatrics – 2
Editor: Brian Wharton royal College of Physicians of
London Pitman Medical Publishers 1980, pp 177-184.
4. N. O Bwibo The Management and Prevention of Malnutrition, chapter
16,pp 162 –167.
ditto
5. N. O Bwibo The Management and Prevention of diarrhoea, chapter 24,
pp 228-235.
In: Maternal and child health around the World
Editors: Hellen Wallace and G.J. Ebrahim the Mac Millan
Press Ltd in 1991
6. N .O Bwibo Tuberculosis: Chapter 14
In: child Health in Tropics
Editor: D B Jelliffee, fifth Edition pp 135-147. Edward
Arnold Publishers, 1985.
7. N. O Bwibo Haematological Diseases in Tropics
In: Paediatrics Practice in Developing countries.
Editor: G.J Ebrahim, MacMilla Press Ltd 1981 London pp
239-256.
8. N. O Bwibo Utilization and Health Services by Children in
Kenya and some Aspects of Deterrent Factors. Chapter 25
Reports/Studies of division.
ditto
9. N. O Bwibo Diarrhoea including Oral Dehydration Therapy. Chapter 28
In: Health care of women and Children in Developing
countries.

Editors: Helen Wallace and Kanti Girii third Party
Publishing Company Oakland, California 1990. Pg. 327-
333.

10. N O Bwibo Hygiene, Sanitation and Health; chapter V
11. Bwibo N O and Ndombi I O Nutrition in Sickness; Chapter VI
In: Feeding the Child including recipes
Editors: R.K. Oniango, Nimrod O Bwibo, Isiye O
Ndombi, Kama O Rogo. Publishers – Heinemann
Kenya, Nairobi 1988.
12. Bwibo N O and Onyango P Child Abuse and Labour, Chapter 33
In: Criminal Justice and Children Report on the
Workshop on Criminal Justice and Children held at
Kenya Institute of Administration, GOK, Nairobi
1986.
13. Bwibo N O Common Childhood Infectious diseases – a chapter,
ditto
14. Bwibo N O Accidents and Poisoning in Children – a chapter,

In: New Edition of Diseases of Children in the Sub-
Tropics and Tropics, Editor P. J. Stanfield.
15. Bwibo N O and Lore W Health Service (chapter 11 pp 154 – 168) 25
Independence anniversary – An Official GOK
Handbook 1988.
16. Bwibo N O Breast Feeding practices in the African Centres.
In: Human Lactation No. 4
Breast Feeding, Nutrition, Infection and Infant
Growth in Developed and emerging countries.
Editor: Stephanie A Atkinson, Lars A Hanson and
Ranjit K Chandra 1990, Arts Biomedical Publisher
and Distributors.
17. Bwibo N O Child in Especially difficult circumstances, Chapter
12. ditto
18. Bwibo N O Health Care Emergencies, Chapter 13

In: Manual for Medical students and other health workers. Editors: K. Mukelabai; N. Bwibo; F. Onyango.

19. Bwibo N O Child Abuse and Neglect, Chapter 27
In: child Health – A Manual for Medical Health Workers,
Second Edition. Editor: Paget Stanfield and others,
AMREF 1997.

3. ARTICLES IN JOURNALS

1. Bwibo N.O: Brucellosis at Mulago Hospital Makerere Medical Journal vol. 2 1956.
2. Bwibo N.O: Diphtheria in African Children: Journal of Tropical Paediatrics 15:15 – 1969.
3. Bwibo N.O: Accidental Poisoning in Children in Uganda: British Medical Journal 4: 601, 1969.
4. Bwibo N.O, and Mukono .M.D: Waardenburg’s syndrome in an African Child: Human Heredity 20: 1979.
5. Bwibo N.O., and Mukono M.D.: Waardenburg’s Syndrome in an African child; birth Defects. Abstracts of selected Articles 7:3 1970.
6. Bwibo N.O., and Anderson B.T.: Sclerema Neonatorum; A study of 16 cases in Special Care Unit, Mulago Hospital; East African medical Journal, 47:50 1970.
7. Bwibo N.O: Haemoglobin response following intramuscular Iron Dextrin (Imferon) in Children with deficiency anaemia: East African Medical Journal 47:254, 1970
8. Bwibo N.O.: Congenital Pyloric Stenosis in African Infants (Report of 19 cases in Uganda). East African Medical Journal 47:377, 1970.
9. Bwibo N.O.: Measles in Uganda, (An analysis of Children measles admitted to Mulago Hospital). Tropical Geographical Medicine, Amsterdam 22:167, 1970.
10. Bwibo N.O.: Common Causes of Death in Children at Mulago Hospital; Clinical Paediatrics) Philadelphia) 9:691, 1970.
11. Bwibo N.O.: Tuberculosis of the Cervical Lymph Nodes; Clinical Studies of Children in East Africa; clinical Paediatrics (Philadelphia) 9:733, 1970.
12. Bwibo N.O.: Erythropoiesis in Urine of Anaemic African Children: Makerere Medical Journal 15:23, 1970.
13. Bwibo N.O.: Urinary Tract Infection in Children, Uganda Practitioner 3: 145, 1970.
14. Bwibo N.O., and Owuor R: Pneumocystis Carinii Pneumonia in the African Child; West African Medical Journal 10:184, 1970.

15. Bwibo N.O.: Clinical Significance of Strongyloides in African Children: Journal of Tropical Medicine and Hygiene 74: 79,1971.
16. Bwibo N.O.: Classical diphtheria in Children; Uganda Practitioner 4:5, 1971.
17. Bwibo N. O.: The Role of Neonatal Infection in Neonatal and Childhood Mortality at Mulago Hospital; Journal of Tropical Paediatrics. Environmental Child Health 17,89,1971.
18. Bwibo N.O.: Battered Children Syndrome: East African Medical Journal, 48 56, 1971.
19. Bwibo N.O.: Congenital Syphilis; East African Medical Journal, 48,185, 1971
20. Bwibo N.O.: Whooping Cough in Uganda: Scandinavian Journal of Infectious Diseases, 3:41, 1971
21. Bwibo N.O.: Diazinone Poisoning; Uganda Practitioner 4:27, 1971.
22. Bwibo N.O.: Frequency of Intestinal Parasites in Children admitted to Mulago Hospital; Children in the Tropics 78:28, 1971.
23. Bwibo N.O.: Accidental Poisoning with Diazinone – An Organophosphorous insecticide; East African Medical Journal 48:601, 1971.
24. Bwibo N.O.: Iron Metabolism in infancy; East African Medical Journal 48:741, 1971.
25. Bwibo N.O.: Rwabong – Atenyi and Kagwa A: Screening for Cystic Fibrosis: East African Medical Journal, 48:128, 1972.
26. Bwibo N.O.: Protein Calories Malnutrition (PMC) “Kwashiorkor”; Nairobi Medical Journal 5:25 1972.
27. Bwibo N.O.: Tuberculosis Meningitis in Children. Uganda Medical Journal 1:85, 1972.
28. Bwibo N.O.: Management of Respiratory Infections in Infancy and Children; Tropical Doctor 3:61 1973
29. Bwibo N.O.: Interactions of Nutrition and Infections; Nairobi Medical Journal, September 1973.
30. Bwibo N. O.: Battered Child Syndrome; East African Medical Journal 49:934, 1972.
31. Bwibo N.O.: Twice Weekly Streptomycin plus Daily Thiazina (TB plus INH) compared with Daily Streptomycin plus (TB+Strep) in Pulmonary tuberculosis in Children; Uganda Medical Journal 2:17, 1973.
32. Bwibo N.O.: A Review of Prescriptions for patients attending Children’s Filter Clinic and Observation Ward of Kenyatta National Hospital; In: proceedings of East African Medical Research council. Conference on the Use of Drugs and Chemicals in Tropical.
33. Bwibo N. O.: Whooping Cough at Kenyatta National Hospital; Nairobi Medical Journal 7:13, 1974.
34. BwiboN.O.: Varieties of Childhood Malnutrition; In the proceedings of the Annual Conference of Internal Conference of Internal Confederation of Midwives, Lausanne, Switzerland, 1975, Reproduced in Kenya Nursing Journal 4:38, 1975.
35. Bwibo N.O.: Certain Aspects of Fatal Cases of Malnutrition at Kenyatta National Hospital p.110 (in proceedings as 36;(below)

36. Bwibo N.O; and S. K. Onger: Short and Long Term effects of Kwashiorkor. In: "The proceeding of East African Regional Medical Seminar on Nutritional Aspects of Family Health, sponsored by AHTIP, Nairobi, 1997.
37. Bwibo N.O.: (Abstract): Chromosomal Defects in African Children; East African Medical Journal 53:508, 1976.
38. Bwibo N.O.: Low Birth Weight Infants: Nairobi Medical Journal September 1975.
39. Bwibo N. O.; Onger Kinuthia D.M.W: Congenital Biliary Atresia, East African Medical Journal 54:535, 1977.
40. Bwibo N.O.; Onger S. K; Kinuthia D. M.W: Obstructive Uropathy, (Abstract). East African Medical Journal 54:593, 1977.
41. Grillenberg U; Searine I; Bwibo N.O.; Oduori M. L.; Wasunna A; Kinuthia D.M.W: Two true Hermaphrodite with XX Chromosomes; East African Medical Journal 55:548, 1978.
42. Kasili E. A; Onyango J; Bwibo N.O: Oduori M.L.: The Management of some solid Tumours in Kenya; East African Medical Journal 55:548, 1978.
43. Bwibo N.O.: Low birth Weight Infants WHO Technical Report Series, Geneva. Switzerland 1975: (as a member of WHO Expert Committee).
44. Kinoti S. N.: Kasili E.G; Bwibo N.O.: Congenital Pure Red Cell Aplasia (Case Reports from Kenya); East African Medical Journal 55:53, 1978.
45. Bwibo N.O.: Priorities in Manpower for Child Health Services; A view from Africa. Bulletin of the International Paediatric Association Vol.2 No. 8, 38, 1976.
46. Bwibo N.O.: Tuberculosis Meningitis: Problems of Diagnosis; East African Medical Journal, 56:646, 1979.
47. Bwibo N.O.: The problems of Low Birth Weight Babies in East Africa, Bulletin of the International Paediatric Association Vol. 3 No. 5, 24, 1980.
48. Bwibo N.O.: A Report on the First Regional Congress of Paediatrics in Africa south of the Sahara; Bulletin of the International Paediatric Association Vol. 3 No. 77 pp 15, 1980.
49. Bwibo N.O.: Postgraduate training in Paediatrics and Child Health n East Africa (1970-1979) and Prospects for the next decade; East African Medical Journal.
50. The Practice of Paediatrics in Kenya; Bulletin of the International Paediatric Association Vol. 3 No. 7, 15, 1980.
51. Bwibo N.O.: Kernicterus in ABO Haemolytic Disease of the Newborn (Abstract); East African Medical Journal 57:897, 1980.
52. Bwibo N.O.; Ondijo S.O.: Glucose-6-Phosphate dehydrogenase deficiency in Sickle Cell Anaemia (Abstract): East African Medical Journal 57:898, 1980.
53. Bwibo N.O.: Clinical Features and Management of Sickle Cell Anaemia. Medicom: 3:27-29, 1981.
54. Bwibo N.O.: Postgraduate Paediatric Training in Kenya. Proceedings of the First Regional Paediatric Congress for Africa, Nairobi, pp 49-56. 1979.
55. Bwibo N.O.; Ondijo S.O.: Composition of breastmilk in Kenya – A Pilot Study. In: the proceedings of the First Annual Conference of the Kenya Medical Research Institute held in Nairobi, February 1980. Published in 1981.
56. Bwibo N.O.; Dawa B. A: white blood Cell (WBC) counts in Children with Sickle Cell Anaemia; East African Medical Journal 58:4412, 1981.

57. Bwibo N.O.; Ondijo S.O.: Composition of Human Breast milk in Kenya women. *East African Medical Journal*, 58:510, 1981.
58. Kulin H.E; Bwibo N.O.; Mutie D; Satner S.J.: The Effects of Chronic Childhood Malnutrition on Pubertal Growth and Development, *Journal of Clinical Nutrition* 36:527, 1982.
59. Bwibo N.O.; Pamba H: Double Blind Comparative Study of Albendazole and Placebo in the Treatment of Intestinal Helminths: International Congress and Symposium Series No. 57. *Albendazole in Helminths*; Published by the Royal society of Medicine, London, June 1982.
60. Bwibo N.O; Kasili E.G: clinical Aspects of Sickle Cell Disease in Nairobi Children. *The American Journal of Paediatric haematology/Oncology* 4, 1982.
61. Bwibo N.O.; Kasili E.G.: Haematopathological observations in Kenya Children with Sickle Cell anaema in First Decade of Life. *The American Journal of Paediatric Haematology/Oncology* 4:182, 1982.
62. Bwibo N.O.: Editorial. Antenatal and perinatal care; *Journal of Obstetrics and Gynaecology of Eastern and Central Africa*. Vol. 2 No. 1, 1983.
63. Wamola I. A.; Mizra N.B; Ngugi J.M. and Bwibo N.O.: *Compylobacter Gastroenteritis in Nairobi*; *East African Medical Journal* 60. 146, 1983.
64. Bwibo N.O.: Infections in Children in Nursery Schools; *Proceedings of the Kenya Paediatric Association Annual Scientific Conference*, pp 77. 1983.
65. Bwibo N.O.: Battered Child syndrome; *Proceedings of Workshop on Child Labour and Abuse held in Nairobi sponsored by WHO, Geneva, 1983*, pp 10.14.
66. Kulin H.E; Bwibo N.O.; Mutie N.O.; Satner S. J: Gonadotrophin Excretion during Puberty in Malnourished Children; *Journal of Paediatrics* 105.
67. Bwibo N.O.: Birth weight of infants of teenage mothers in Nairobi; In *Perinatal Growth. Acta Paediatrics Scandinavia supplement* 319: 89, 1985.
68. Bwibo N.O.; Pamba H.O. Chungu C.N; Estambale B.B.A: *Albendazole (Zentel) in the treatment of helminthiasis: A Preliminary Report*. *East African medical Journal* 64: 448, 1987.
69. Bwibo N.O: Review Article: Medical Curriculum in a Developing Country; *East African Medical Journal* 64: 697, 1987.
70. Bwibo N.O: Breast Feeding of Pre-term and Low Birth Weight infants in Developing Countries; *Bulletin of the International Paediatrics Association* 8:61, 1987.
71. Bwibo N.O; Kuls T.L; Nishanian P. G; J.D; Shem J.P; Neumann C.G; Steihm E. R; Etlenger R.B; Koech D: Analysis of False Positive HIV-1 Serologic Test in Kenya. *Diagnosis Microbiology and Infectious disease*; 9: 179, 1988.
72. Sigman M. Neumann C. Carter E., Cattle D.J., D'Souza S and Bwibo N (1988). Home Interactions and the development of Embu toddlers in Kenya. *Child Development* 59: 125-1261, 1988.
73. Sigman M. Neumann C.G., Baksh M., Bwibo N. and McDonald MA (1989) Relationship between nutrition and development in Kenyan toddlers. *Journal of Paediatrics* 115; 357-364, 1989
74. Sigman M. Neumann C.G, Jansen A.A.J., Bwibo N. (1989)

- Cognitive abilities of Kenyan children in relation to Nutrition, Family Characteristics and Education: *Child Development* 60; 1463-1473, 1989.
75. Bwibo N.O.; Pamba H.O.; change C.N.; Estambale B.B.A: A Study of the Efficacy and Safety of Albendazole (Zentel) in the Treatment of Intestinal Helminths in Kenyan children less than 2 years of Age; *East African Medical Journal* 66:197, 1989
 76. Sigman M; McDonald M.A.; Neumann C. and Bwibo N. (1991)
Prediction of cognitive competence in Kenyan Children from toddlers, nutrition, Family Characteristics and Abilities *J. Child Psychiatry and Psychology* 27:307-320; 1991.
 77. Neumann C; McDonald M A, Sigman M; Bwibo N and Marquardt M:
Relationships Between Morbidity and Development in Mildly to Moderately Malnourished Kenyan Toddlers *Paediatrics* 88:934; 1991
 78. Neumann C, McDonald M.A, Sigman M. and Bwibo N.O Medical illness in School-Age Kenyans in Relationship to Nutrition.
Cognition and Playground Behaviours
Journal of Developmental and Behavioural paediatrics 13: 392, 1992
 79. Neumann C. , Bwibo N.O. and Sigman M (1992).
Final Report. Functional Implication of Malnutrition
Kenya Project – Human Nutrition collaborative Research support Project
USAID Office of Nutrition Washington D.C 1992)
 80. Espinosa M.P.; Sigman M.; Neumann C.G.; Bwibo N.O. and McDonald M.A.
1992 Playground behaviour of School-age Children in relationship to nutrition
Schooling and Family Characteristics.
Development Psychology 28:1185-1195, 1992.
 81. Neumann C.G.; Siekman J.; Bwibo N.O. Allen L.H and Mukudi E. (2001) Impact of infection and malaria on micronutrient – status in rural School children (abst)
17th International congress of Nutrition, Vienna Austria.
 82. Sumba O and Bwibo N.O.; Battering in Nairobi, Kenya, *East African Medical Journal* 70:688, 1993.
 83. Bwibo N.O.: Children and Accidents: *Epidemiology and Prevention: Trop Geog Med.* 45: 233, 1993.
 84. Bwibo N.O.; Biteyi R. and Kiloba S.: Mobilizing a drought prone community to improve nutrition – the African Medical Research foundation work in Kibwezi, Kenya; *Food, Nutrition and Agriculture* FAO 10:31, 1994.
 85. Bwibo N.O.: Breast Feeding: Past, Present and Future: *East African Medical Journal* 72: 145, 1995
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