

A. PERSONAL DETAILS

FULL NAME : **FLORENCE VUNORO MURILA**
M.B.Ch.B., M.MED.,CTM,
C.Neonatology

DATE OF BIRTH : 27thNovember, 1959

NATIONALITY : Kenyan

MARITAL STATUS : Single

CONTACT DETAILS : Department of Paediatrics and Child
Health
College of Health Sciences
University of Nairobi
P.O. Box 19676-00202
Nairobi, Kenya
Tel: +254 20 2726300 Ext 43650
Mobile: +254 729430022
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florence.murila@uonbi.ac.ke
fmurila@gmail.com

HOBBIES : Singing, Travelling, Photography,
Mountain Climbing

B. EDUCATION AND TRAINING

PERIOD	INSTITUTION & LOCATION	LEVEL ATTAINED
1967 – 1973	St. Xavier's Primary School, Nakuru • House Captain	Certificate of Primary Education of 36 points.
1974 – 1977	Alliance Girls High School	Ordinary Level Certificate of Division One of 8 points.

1978 1979	– Alliance Girls High School, Nairobi • Senior prefect	Advanced Level Certificate of 3 principles and one subsidiary of 12 points.
1980 1986	– University of Nairobi	Bachelor of Medicine and Surgery (M.B.Ch.B.)
1990 1995	– University of Nairobi	Master of Medicine in Paediatrics (M.MED)
2006 2008	– Monash Medical Centre, Melbourne, Australia	Certificate in Neonatology.

ADDITIONAL TRAINING

PERIOD	INSTITUTION & LOCATION	NAME OF COURSE
2012	University of Nairobi	Instructor course in neonatal resuscitation run by Latter-Day Saint Charities in conjunction with Ministry of Health & Kenya Paediatric Association
2011	Aga Khan Hospital	European Paediatric Life support instructors course
2010	University of Manitoba	Maternal Neonatal and Child research
2009	Aga Khan Hospital	European Paediatric Life support course
2008	Kenya Institute of Management	Paediatrics HIV course
2008	KNH	Emergency Triage and Treatment (ETAT) course
2005	Gertrude's Garden Children's Hospital Nairobi	Advanced Paediatrics lifesaving course
1999	Gertrude's Garden Children's Hospital Nairobi	Advanced Paediatrics lifesaving course
1995	National Referral Hospital	Lactation Management Training course

C. WORK EXPERIENCE

- Senior Lecturer in the Department of Paediatrics, University of Nairobi **(2013 to date)**
My core duties are teaching year 5 MBCHB students and MMED students in the Departments of Paediatrics and Internal Medicine. I also provide mentorship to all students in the Department of Paediatrics and research supervision for the MMED students. In addition I provide clinical services as a consultant neonatologist for the Kenyatta National Hospital.
- Lecturer in the Department of Paediatrics, University of Nairobi **(1996 to 2013)**
My core duties included; teaching and clinical input in Kenyatta National Hospital and research.
- Tutor in Clinical Medicine, Medical Training Centre, Nairobi **(1995 to 1996)**
This involved lecturing, clinical teaching and mentoring of clinical officer students.
- Registrar in the Department of Paediatrics, **(1990 – 1995)**
At the University of Nairobi's Kenyatta National Hospital campus. This involved course work, dissertation and clinical experience that led to the award of the degree of Master of Medicine in Paediatrics and Child Health by the University of Nairobi.
- Tutor in Clinical Medicine, Medical Training Centre, Nakuru **(1988 – 1990)**
This involved lecturing, clinical teaching and mentoring of clinical officer students.
- Medical Officer, Nakuru Provincial General Hospital **(1987 – 1988)**

I focused much of this time in the children's ward under the supervision of the provincial paediatrician.

- **Medical intern, Nakuru Provincial General Hospital (1986 – 1987)**
1986 and 1987 at Nakuru Provincial General Hospital. I completed the statutory 12 months of supervised internship as required by the Medical Practitioners and Dentists Board of Kenya. I spent 3 months each in the Departments of Medicine, Surgery, Paediatrics and Obstetrics & Gynaecology. Recognized consultants supervised all these rotations.

D. SPECIAL AWARDS

1. **Still a Mum awards (2018). “Paediatrician Hero”**
This award recognizes a paediatrician who has provided exceptional care, professionalism and compassion during pregnancy and/or delivery.
2. **TUTOR OF THE YEAR award (1988)**
This was the first ever award by the students of the finalist class of Clinical officer students of the Medical training centre Nakuru to recognize “the most selfless, dedicated and caring tutor in the college”.
3. **Outward bound – Special Merit award (1978)**
This award recognizes the students who participate fully and cheerfully in every activity as they encourage those who are struggling.
4. **Mayor's Prize for the best CPE results in the Nakuru Municipality award (1973)**
This was the first ever award by the mayor to the candidate who scored the highest number of points in the CPE examination in the Nakuru municipality.
5. **Headmaster's award for best performance in CPE (1973)**
This award was given annually to the student scoring the highest number of points in the CPE examination in the school.

E. MEMBERSHIP (ASSOCIATIONS/SOCIETIES)

- Member, Kakamega Forest Heritage Foundation **(2014 to date)**
Accomplishments (as Vice Chair Medical Committee):
 - Distributed 40 wheelchairs to the disabled
 - Distribution of sanitary pads to 500 girls and underwear to 350 boys per year since 2014 to date

- Chair, Medical Committee Lugala Nairobi Association **(2001 to date)**
Accomplishments:
 - Organised 10 medical camps across the country, where more than 20,000 people were attended to
 - Facilitated the diagnosis and surgery for heart disease at the Mater Hospital for 12 children from the community
 - Health talks to local high schools

- Member, Kenya Medical Association **(1998 to date)**

- Member, Nairobi Music Society**(1997 to date)**
Accomplishments:
 - I have participated as a choir member in 6 performances of “Messiah for Hospice” that raises funds for Hospice Kenya

- Secretary, Christian Medical Fellowship (CMF)**(2001- 2003)**
Accomplishments:
 - Coordination of the First ever Regional Christian Medical Conference for the International Christian Medical and Dentists Association(ICMDA)**(2001)**
 - Setup the first ever Kenyan CMF and Regional ICMDA office**(2001)**
 - Initiated talks with COFAMED that resulted in the training in Family Medicine at the Moi University**(2001)**
 - Initiated training in ACLS, ATLS and ALSO which produced trainers that are carrying on the training to date**(2002)**

- Secretary, Kenya Medical Association Housing Co-operative Society (1998- 2006)

Accomplishments:

- Initiation and completion of the KMA Langata Housing estate of 112 houses and the Bamboo lane Estate of 52 apartments

- Secretary, Kenya Paediatrics Association (1997- 2001)

Accomplishments:

- Organised the following:
 - Kenya Paediatrics Association Scientific Seminar 2001. Theme: *“Tropical Paediatrics”*
 - Kenya Paediatrics Association Scientific Seminar 1999. Theme: *“Challenges in Paediatrics in the New Millennium”*
 - The first ever KPA Medical Camp in Nairobi orphanages 1998
 - Kenya Paediatrics Association Scientific Seminar 1998. Theme: *“Vaccinology”*

F. ADMINISTRATIVE DUTIES

1. **2015 to date:** The Head of the Newborn Unit, Kenyatta National Hospital where my duties include the following:
 - To oversee the clinical duties and management in the Newborn Unit
 - To oversee clinical research in the Newborn Unit
 - To oversee the budgeting for and procurement of essential supplies and equipment for the Newborn Unit
 - To oversee the teaching of the undergraduate, post graduate and neonatal fellowship students
 - To oversee audits (morbidity/mortality)
2. **2009 to date:** In Charge of the Level 4 currently Level 5 Programme in the Department of Paediatrics where my duties include the following: -

- Preparing the timetable for both classroom and ward teaching
 - Ensuring that all the students have been assessed in all the clinical areas
 - Ensuring that the end term and end year exams are executed according to the University guidelines
3. **2008:** In charge of the Elective students Programme.
 4. **2000 – 2006:** In charge of the Level 4 Programme in the department of Paediatrics.
 5. **2000 – 2006:** In charge of the Post-graduate Respiratory Medicine Programme.
 6. **1997 – 2000:** Lecturer in charge of the level 3 Programme in the department of Paediatrics.

G. MMED THESIS SUPERVISION TO COMPLETION

POSTGRADUATE STUDENT	SUPERVISORS	TITLE
Dr. Chol Makur	F. Murila, D. Wamalwa	<i>The prevalence and factors associated with low birth weight among newborns in South Sudan Hospitals (2020).</i>
Dr. Roy Ndezwa	F. Murila, E. Wafula, R. Nduati	<i>The need for donor milk banking and its use in KNH (2020).</i>
Dr. Ijusa Midecha	F. Murila, R. Musoke	<i>Prevalence of preterm birth and associated risk factors in Kakamega County General Teaching and Referral Hospital (2019).</i>
Dr. Lily Kaguongo	F. Murila, D. Wamalwa, M. Njoli, F. Were	<i>Prevalence of readmission of late preterm infants compared to term infant at Kenyatta National Hospital (2018).</i>
Dr. Daisy Odundo	F. Murila, D. Wamalwa	<i>Efficacy of a Discharge Checklist for neonates delivered at Kenyatta National Hospital in reducing Neonatal Morbidity and Mortality (2018).</i>

Dr. Ojee Ednah Akinyi	F. Murila, P. Otieno, R. Musoke	<i>Effect of post-natal gestational age assessment training of health care providers on newborn care practice in Migori County (2018).</i>
Dr. Priscilla Ng'ang'a	F. Murila, F. Were, D. Wamalwa	<i>Clinical profile and audit of management of preterm infants with respiratory distress syndrome at the Kenyatta National Hospital (2017).</i>
Dr. Gabriel Opondo	F. Murila, R. Musoke	<i>Utilisation of the mother child health booklet by healthcare workers and caregivers at Mbagathi District Hospital (2015).</i>
Dr. Alice Laco Juan	F. Murila, D. Wamalwa	<i>Health Workers Practice in the management of acute diarrhea among children aged 6-59 months admitted to Juba Teaching Hospital (2015).</i>
Dr. Abdihalim Mohamoud	F. Murila, R. Nduati	<i>Adherence to the WHO protocol for diagnosis and treatment of Childhood tuberculosis (2015).</i>
Dr. Naomi Kiniu	F. Murila, E. Wafula, R. Kumar	<i>Evaluating the performance of Pediatric Risk of Mortality (PRISM) score as a tool to predict mortality in children admitted in Kenyatta National Hospital (2014).</i>
Dr. Gladys Njihia	F. Murila, E. Wafula	<i>Prevalence and risk factors for hyperglycaemia in neonatal sepsis in neonates admitted at Kisii District Hospital (2014).</i>
Dr Josephine Ojigo	F. Murila, R. Nduati	<i>An assessment of adherence to the ten steps of the baby friendly initiative guidelines in the KNH maternity unit (2014).</i>
Dr. David Gichogu	F. Murila, R. Nduati, N. Bwibo	<i>Prevalence of asphyxia, readiness for Neonatal resuscitation and factors related to asphyxia in Naivasha District Hospital (2013).</i>
Dr. Samuel Otido	F. Murila, F. Onyango, K. Rashmi, P. Mburugu	<i>Adherence to Neonatal resuscitation guidelines in Garissa PGH (2013).</i>
Dr. Agisa Kegode	F. Murila, R. Nduati	<i>Neonatal feeding practices at Naivasha District Hospital (2013).</i>

Dr. Ahmed Hodan Suleiman	F. Murila, C. Yuko,	<i>Prevalence of Malnutrition among children under 5 years of age admitted at Hargeisa Group Hospital in Somaliland (2013).</i>
Dr. Milka Mutai	F. Murila, P. Mwathi,	<i>Identification and susceptibility patterns of bacterial isolates for neonates with sepsis at Kenyatta National Hospital (2013).</i>
Dr. Respicious Bakalemwa	F. Murila, D. Wamalwa	<i>Association between Malnutrition and feeding practices among children aged 6 – 24 months at Mbagathi District Hospital (2012).</i>
Dr. Diana Marangu	F. Murila, J. Aswani, C. Jowi, R. Nduati, W. Sidika	<i>Prevalence of Pulmonary Hypertension in Adenotonsillar hypertrophy in the Kenyatta National Hospital (2012).</i>
Dr. Anastasia Omoding	F. Murila, E. Wafula	<i>A short longitudinal survey describing the use of Bubble Continuous Positive Airway Pressure (BCPAP) in premature neonates with respiratory distress syndrome at AIC Kijabe Hospital (2012.)</i>
Dr. Caren Mburu	F. Murila, C. Mburu, N. Bwibo, D. Wamalwa	<i>Prevalence of Hyperglycaemia in Neonates admitted to the Newborn Unit, Kenyatta National Hospital (2012).</i>
Dr. Sarah Muriithi	F. Murila, R. Musoke	<i>Hand Hygiene practices in the Newborn unit Kenyatta National Hospital (2012).</i>
Dr. Brian Maugo	F. Murila, J. Yuko, A. Laving	<i>Effectiveness of Bacillus Clausii in reducing the duration of acute diarrhoea among hospitalized 6 – 59 month old children with severe dehydration (2012).</i>
Dr. Teresa Alwar	F. Murila, A. Wasunna	<i>Neonatal resuscitation, knowledge and practice among midwives in Kenyatta National Hospital labour ward and maternity (2011).</i>
Dr. Muithya Ngundo	F. Murila, R. Nduati	<i>Exercise induced Asthma among high school students in Mbooni District (2011).</i>

Dr. Awuonda	F. Murila, F. Were	<i>Determining the validity and reliability of icterometers in screening for hyperbilirubinaemia in infants at KNH (2009).</i>
Dr. David Kimtai	F. Murila, L Obimbo, R. Kamenwa	<i>Hypophostaemia in Kwashiokor following nutritional intervention as seen at the Kenyatta National Hospital (2006).</i>
Dr. Florence Okwara	F. Murila, E. Wafula, L Obimbo	<i>Co-infections in children with malaria at the National Referral Hospital (2003).</i>
Dr. Dalton Wamalwa	F. Murila, W. Macharia	<i>Skin rash in children in Kenyatta National Hospital and Mbagathi District Hospital (2000).</i>

H. CURRENT MMED THESIS SUPERVISION

POSTGRADUATE STUDENT	SUPERVISORS	TITLE
Dr. Achola Miriam	F. Murila, R. Musoke, M. Mureithi	<i>Bacterial pathogens and antibiotic susceptibility pattern among septic neonates at Kenyatta National Hospital newborn unit.</i>
Dr. Cecilia Cherobon Kiriongi	F. Murila, B. Admani, P. Laigong	<i>Prevalence of Vitamin D deficiency/insufficiency among children with cerebral palsy at Kenyatta National Hospital</i>
Dr. Lilian Wambui Gicharu	F. Murila, A. Laving, R. Nduati	<i>The effect of paediatric residents' labour ward rotation on birth asphyxia at Kenyatta National Hospital</i>
Dr. Zena Ali Jeizan	F. Murila, G. Irimu	<i>Clinical audit on the use of continuous positive airway pressure at Kenyatta National Hospital newborn unit.</i>
Dr. Abdikadir Hussein Mohamed	F. Murila, B. Admani, B. Mutai	<i>Prevalence of scabies among children in charitable children's institutions in Nairobi County</i>

Dr. Mbanga Evans	F. Murila, M. Mureithi	<i>Bacterial isolates and antibiotic sensitivity patterns in neonatal sepsis at Kenyatta National Hospital</i>
Dr. Gatimbu Kinya Muthoni	F. Murila, R. Nduati	<i>Maternal knowledge on role of early developmental interventions after perinatal asphyxia at the Kenyatta National Hospital Newborn Unit</i>
Dr. Esther Tabalya	F. Murila, A. Wasunna, E. Ojee	<i>Impact of training on health workers' knowledge and assessment of neonatal encephalopathy at Kenyatta National Hospital's labour ward and Newborn Unit - A before and after study</i>
Dr. Peace Kakibibi	F. Murila, D. Marangu	<i>Missed opportunities for CPAP in preterm neonates with RDS admitted at KNH, NBU</i>

I. RESEARCH WORK IN PROGRESS

1. Improving outcome of very low birth weight infants at the Kenyatta National Hospital Newborn Unit through quality improvement processes.

The aim of the study is to determine adherence to the fluid and nutritional management of very low birth weight infants as laid out in the Basic Paediatric Protocols and utilisation of the existing Newborn Unit Feeding and Observation chart so as to identify areas for improvement.

Principal investigator: Florence Murila, University of Nairobi

Co-investigators

Rachel Musoke University of Nairobi
 Florence Ogongo Kenyatta National Hospital
 Catherine Ngugi Kenyatta National Hospital
 Mary B. Adam AIC Kijabe Hospital; University of Arizona

2. Neonatal sepsis at the Mater hospital.

The aim of this study is to identify the risk factors and causative organisms for neonatal sepsis so as to optimize the management of Neonatal Sepsis at the Mater Hospital.

Principal investigator: Florence Murila, University of Nairobi

Co-investigators

Edna Kerubo Mater Hospital

Irene Nzamu Mater Hospital

Paul Kioko Mater Hospital

3. Hearing screening in Nairobi County.

The aim of this study is to determine the prevalence of hearing loss in infants and the feasibility of universal hearing screening for all infants in the County.

Principal investigator: Serah Ndegwa, University of Nairobi,

Debara L. Tucci, Duke University Medical Center, U.S.A

Co-investigators

Florence Murila University of Nairobi

John Ayugi University of Nairobi

Muthure Macharia University of Nairobi

4. Child Health and Mortality Prevention Surveillance (CHAMPS).

CHAMPS is about better identifying and understanding the causes of death in children under 5 years old in areas of Sub-Sahara Africa and South Asia where infant and childhood mortality are very high. This identification and understanding can, and will, help countries, public health programs, and local and global child health advocates and policymakers in their efforts to prevent childhood deaths and illness.

Kenya

Principal investigator:

Victor Akello, CDC, Kenya

Dickens Onyango, Kisumu County

Co-investigators

Florence Murila University of Nairobi

Emily Rogena JKUAT
GunturuRevathi Aga Khan University
Magdalene Kuria Kisumu County
JenifferVerani CDC, Kenya
Paul Mitei Kisumu County

Bangladesh

Principal Investigator:

Shams El Arifeen International Centre for Diarrhoeal
Disease Research

Ethiopia

Principal Investigator:

Nega Assefa Kassa Maternal and Child Health, Haramaya
University

Mali

Principal investigator:

Samba Sow Center for Vaccine Development-Mali,

Mozambique

Principal Investigator:

Inacio Mandomando Diarrheal Disease Research Area
Manhica Health Center

Sierra Leone

Principal Investigator:

Amara Jambai Ministry of Health and Sanitation

South Africa

Principal Investigator:

Shabir Madhi University of Witwatersrand

5. Neonatal – Post Neonatal Gut Microbial Project, Universität Bern and University of Nairobi.

This study seeks to determine the relationship between Post Neonatal Gut Microbiota and malnutrition.

Principal investigator: Andrew Macpherson, Universität Bern,
Fred Were, University of Nairobi.

Co-investigators

Florence Murila University of Nairobi

6. Exploring the potential for using mothers' experiences of pre-term birth to improve care in LMICs, using video narratives and digital stories: a pilot study of using mothers' experiences in staff training.

Principal investigator: Lisa Hinton, THIS Institute – London.

Co-investigators

Florence Murila University of Nairobi

Sue Ziebland Nuffield Department of Primary Care Health Sciences

Caroline Jones KEMRI-Wellcome Trust Research Programme

Dorothy Oluoch KEMRI-Wellcome Trust Research Programme

Mwanamvua Boga KEMRI-Wellcome Trust Research Programme

J. CONSULTANCY

1. Consultant for the Ministry of Health / UNICEF for the Essential Newborn Care Training Programme currently training healthcare providers from all the provinces of Kenya **(2008 to date)**.

The aim of this training is to improve the competency of healthcare providers in essential newborn care so as to reduce neonatal mortality.

2. Consultant for the Ministry of Health / JPHIEGO for adapting WHO materials for Essential Newborn Care for Kenya **(2011)**.

These materials are in use for training healthcare providers so as to improve their competency in essential newborn care in order to reduce neonatal mortality.

3. Consultant for the Ministry of Health / WHO for editing the *National Guidelines for Quality Obstetrics and Perinatal care (2012)*.
4. Consultant for the Ministry of Health / JPHIEGO for Facility based training in Newborn Care using materials adapted from WHO essential newborn care materials **(2012)**.
The aim of this training is to improve the competency of healthcare providers in essential newborn care so as to reduce neonatal mortality.
5. Consultancy for the Ministry of Health/Save the Children for editing the National Kangaroo Mother care guidelines **(2015)**.
These guidelines are being used in Kenya to implement Kangaroo Mother Care in health facilities so as to reduce morbidity and mortality in pre-term babies.
6. WHO/UNICEF Temporary consultant for a survey on the quality of Maternal and Newborn care in Swaziland **(2015)**.
The purpose of this survey was to identify the gaps in quality of maternal and newborn care so that corrective measures could be effected.
7. Consultancy for the Ministry of Health/Save the Children for editing the National Kangaroo Mother Care training materials **(2017)**.
These are the first ever Kenyan training materials which are being used to train healthcare providers in kangaroo mother care so as to reduce morbidity and mortality in pre-term babies.
8. Consultant for the Ministry of Health/WHO for adaptation of the WHO standards of care for improving the quality of maternal and newborn care in health facilities **(2018)**.
To adapt the WHO standards that have a large emphasis on the experience of care for the patient.

9. Consultant for the Ministry of Health/WHO for the Development of a Facility assessment tool for the Quality Maternal and Newborn Care **(2019)**.

To develop a facility assessment tool for quality of care in line with the new WHO standards.

10. Consultancy for the WHO for review of the MNH Pocket book.

*To review the section on Neonatal care of the MNH pocket book which was last updated in **(2019)**.*

K. NATIONAL DUTIES

1. Member of the newborn working group, Ministry of Health Kenya

Accomplishments:

Spearheaded the development of the following guidelines and manuals

- Adaptation of WHO materials for Essential Newborn Care for Kenya **(2008)**.
- *Kangaroo Mother Care implementation guidelines 2016*. Ministry of Health Kenya. P.O. Box 43319 Nairobi. Panel of Editors.
- *National Guidelines for the screening and management of retinopathy of prematurity **(2018)***. Ministry of Health Kenya. P.O. Box 43319 Nairobi. Panel of Editors.
- *Kangaroo Mother Care. Health worker's training manual. Facilitator's guide **(2018)***. Ministry of Health Kenya. P.O. Box 43319 Nairobi. Panel of Editors.
- *Kangaroo Mother Care. Health worker's training manual. Participant's guide **(2018)***. Ministry of Health Kenya. P.O. Box 43319 Nairobi. Panel of Editors.
- The development of the first ever Newborn registry in Kenya
- Spearheaded training and initiation of CPAP in County Hospitals in **2014**.

2. Member of the Retinopathy of Prematurity (ROP) working group

Accomplishments:

Member of the panel of editors that produced the first ever national guidelines for Retinopathy Screening

- *National Guidelines for the screening and management of retinopathy of prematurity.*2018. Ministry of Health Kenya. P.O. Box 43319 Nairobi. Panel of Editors.

3. National Maternal and Newborn Health Quality of Care (MNH QOC) implementation task force.

Accomplishments:

- Consultant for the Maternal Newborn Health Quality of Care sub-committee for the adaptation of the WHO standards of care for improving quality of maternal and newborn care in health facilities and the development of a Facility assessment tool for Maternal and Newborn Care

4. Collaborator in Assessment of the use of Continuous Positive Airway Pressure (CPAP) in newborn care in Kenya

L. PUBLICATIONS

1. **F.V. Murila(1999).** *Galactosaemia in an infant. Case report* E.Afr. Med. J. **76 (5):** 281-283.
2. **F.V. Murila, (1999).**W.M. Macharia, E. Wafula. *Iron Deficiency Anaemia in children of a Periurban Health Facility* E.Afr. Med. J. **76 (9):** 520-523.
3. D. Wamalwa, E. Wafula, **F.V. Murila (2002).** *Pattern of use of skin care products in children with and without eczematous skin lesions.*E.Afr. Med. J. **79 (12):**645-650.
4. F. N. Okwara, E. M. Obimbo, E. M. Wafula and **F.V. Murila (2004).** *Bacteraemia, Urinary Tract Infection and Malaria in Hospitalised*

- Febrile Children in Nairobi: Is there an Association?* E.Afr. Med. J. **81 (1)**: 47-50.
5. F. Okoth, J. Mbuthia, Z. Gatheru, **F.V. Murila(2006)**. F. Kanyingi, F. Mugo, F. Esamai, Z. Alavi, J. Otieno, H. Kiambat, N. Wanjuki. *Seroprevalence of hepatitis B markers in pregnant women in Kenya*. E.Afr. Med. J. **83 (9)**: 485-493.
 6. **F.V. Murila**, J.A. Rajab, and J.M. Ireri.(2008). *Gaucher Disease at a national referral hospital*. E.Afr. Med. J. **85(9)**: 455-458.
 7. **Murila F**, Robertson MC, Obimbo MM, Yu V, Euan W. (2008) *Infant outcome in preterm pregnancies with absent umbilical end diastolic flow*. Medical journal of West Kazakhstan **4(48)**: 17-20.
 8. Robertson MC, **F.V. Murila**, Tong S., Baker LS, Yu VY, Wallace EM (2009). *Predicting perinatal outcome through changes in umbilical artery Doppler studies after antenatal corticosteroids in the growth-restricted fetus*. ObstetGynecol**113(3)**: 636-40.
 9. D. Kimutai, E. Malache-Obimbo, R. Kamenwa and **F.V. Murila(2009)**. *Hypo-phosphataemia in children under five years with kwashiorkor and marasmus kwashiorkor*. E.Afr. Med. J. **86 (7)**: 14-20.
 10. **F.V. Murila**, Francis JV, Bland A, Kumbla S, Doherty R, Sehgal A.(2011) *Interpreting positive cultures of endotracheal aspirates: factors associated with treatment decisions in ventilated neonates*. JPaediatr Child Health.**47(10)**:728-33.
 11. **Murila F**, Obimbo MM, Musoke R. (2012) *Assessment of knowledge on neonatal resuscitation amongst health care providers in Kenya*. PanAfr Med J.**11**:78.
 12. **Murila F**, Obimbo MM, Musoke R, Tsikhutsu I, Migiro S, Ogeng'o J. (2013) *Breast-feeding and human immunodeficiency virus infection: Assessment of knowledge among clinicians in Kenya*. International Journal of Nursing Practice **21**: (37-42).
 13. **Murila F** , Obimbo M M, Robertson Marcus , Victor Yu, Wallace Euan (2015) *Infant Outcome In Preterm Pregnancies With Absent*

- Umbilical End Diastolic Flow*. Medical Journal of Western Kazakhstan UDC: **618.396**
14. Wasunna A., **Murila F.**, Obimbo M M, Mwaswere J.R, Musembi H. (2016) *Hepatitis A. Antibody Seroprevalence in a selected Kenya Pediatric Population*. Open Journal of Pediatrics**6**:(316-323).
 15. Stephen A, **Murila F.** and Wamalwa D. (2017) *Management of acute diarrhea among children aged 6-59 admitted at Juba Teaching Hospital*. South Sudan Medical Journal **10**: (8-11).
 16. **Murila F**, Obimbo MM, Musoke R, Tsikhutsu I, Migiro S, Ogeng'o J A. (2016) *Motivation and barriers to Kangaroo mother care amongst health service providers in Kenya*. JOGECA 2016; **28(2)**: 2-5
 17. Abdihalim M, **Murila F.**, Nduati R. (2017). *Knowledge and Practice of Private Medical Practitioners regarding Diagnosis and Treatment of Paediatric Tuberculosis in Mogadishu*. Open Journal of Pediatrics; **7**: (77-85)
 18. Onyango O, Sitati S, Amolo L, **Murila F**, Wariua S, Nyamu G, Lango M Patel A (2018) *Retinopathy of prematurity in Kenya: prevalence and risk factors in a hospital with advanced neonatal care*. The Pan African Medical Journal. **29**:152.
 19. Gatheru, **F. Murila**, J. Mbuthia, F. Okoth, F. Kanyingi¹, F. Mug, F. Esamai, Z. Alavi, J. Otieno, H. Kiambati, N. Wanjuki⁴, M. M. Obimbo(2018). *Factors Associated with Hepatitis B Surface Antigen Seroprevalence amongst Pregnant women in Kenya*. Open Journal of Obstetrics and Gynecology; **8**: 456-467.
 20. Ngugi S, **Murila F**, Musoke R. *Hand Hygiene Practices among Healthcare Workers in a Newborn Unit of a Tertiary Referral Hospital in Kenya*. Journal of Infection Prevention (2018) Vol 20, Issue 3,132–138.
 21. D. Gichogo, **F. Murila**, M. Matiang'i, W. Ndege, K. Bosire, *Prevalence of asphyxia and readiness for neonatal resuscitation in Kenya*. African Journal of Midwifery and Women's Health Vol. 12, No. 1(2018) <https://doi.org/10.12968/ajmw.2018.12.1.21>
 22. B. Olayo, C. Kirigia, J. Oliwa, O. Agai, M. Morris, M. Benckert, S.

Adudans, **F. Murila**, P. Wilson. *Effective Training-of-Trainers Model for the Introduction of Continuous Positive Airway Pressure for Neonatal and Paediatric Patients in Kenya*. Paediatrics and International Child Health, ISSN: 2046-9047 (Print) 2046-9055 (Online) Journal (2019)homepage:

<https://www.tandfonline.com/loi/ypch20>

23. H. Nabwera , J. Wright, M. Patil, F. Dickinson, P. Godia, J. Maua, M. Sammy, B. Naimoi, O. Warfa, J. Dewez , **F. Murila**, A. Manu, H. Smith, M. Matha '*Sometimes you are forced to play God...*': *A qualitative study of healthcare worker experiences of using continuous positive airway pressure in newborn care in Kenya*. BMJ Open 2020;10:e034668. doi:10.1136/ bmjopen-2019-034668 (2020)
24. D. A. Odundo, F. Murila and D. Wamalwa *Efficacy of a discharge checklist for neonates in reducing neonatal morbidity and mortality*. East African Medical Journal Vol. 98 No. 1 (2021)

Submitted for publication

1. A. Omoding, **F. Murila**, E. Wafula. *Outcome of bubble continuous positive airway pressure in preterms with respiratory distress syndrome*. Journal of Pediatric Sciences.
2. G. Opondo, **F. Murila**, R. Musoke. *Utilisation of the mother-child health booklet by healthcare workers and caregivers at Mbagathi District Hospital*. Panafrica Medical Journal.
3. T. Alwar, **F. Murila**, A. Wasunna. *Newborn Resuscitation: Knowledge and Practice Among Nurses in Labour Ward Maternity Theatre, at a Tertiary Hospital in Kenya*. South African Journal of Child Health.
4. L. Kaguongo, **F. Murila**, D. Wamalwa, M. Njoli, F. Were. *Prevalence of readmission of late preterm infants compared to term infants at Kenyatta National Hospital*. East African Medical Journal

5. M. Chol, **F. Murila**, D. Wamalwa. *The prevalence and factors associated with low birth weight among newborns in South Sudan Hospitals*. BMC Journal.

Book Chapters and Manuals

1. **Murila F.V.**, Kodong' V. Child Abuse. In: Dada AM, Olumbe AK, McQuoid-Mason DJ and Kalebi AY, editors. *A Concise Text and Manual of Forensic Medicine, Medical Law and Ethics*. 1st ed. IMLU,2005. p. 137-147.
2. **Murila F.V.**, Ndugwa C.M., Nduati R., Somme W.S., Wamalwa D., & Muluwork D.F. Accidents and poisoning. In: K. Mukelabai, N.O Bwibo & R. Musoke, editors. *Primary Health Care: A Manual for Medical Students and Other Health Workers*. 3rd ed. UNICEF;2008. p 194-210.
3. *Manual on Newborn care for training service providers in Essential Newborn Care*. 2008. Ministry of Health, Kenya, P.O. Box 43319 Nairobi. Panel of Editors.
4. *National Guidelines for Quality Obstetrics and Perinatal care*. 2012. Ministry of Health Kenya. P.O. Box 43319 Nairobi. Panel of Editors.
5. *A guide for the use of Chlorhexidine for Newborn umbilical cord care in Kenya*.2016. Ministry of health Kenya. P.O. Box 43319 Nairobi. Panel of Editors.
6. *Kangaroo Mother care implementation guidelines 2016*. Ministry of Health Kenya. P.O. Box 43319 Nairobi. Panel of Editors.
7. *National Guidelines for the screening and management of retinopathy of prematurity*. 2018. Ministry of Health Kenya. P.O. Box 43319 Nairobi. Panel of Editors.
8. *Kangaroo Mother Care. Health workers training manual. Facilitator's guide*. 2018.Ministry of Health Kenya. P.O. Box 43319 Nairobi. Panel of Editors.
9. *Kangaroo Mother Care. Health workers training manual. Participant's guide*. 2018.Ministry of Health Kenya. P.O. Box 43319 Nairobi. Panel of Editors.

10. *National Guidelines on Quality Obstetrics and Perinatal Care. 2020.*
Ministry of Health Kenya. P.O. Box 43319 Nairobi.

11. *Maternal and Newborn Health Standards for improving quality of maternal and newborn care in health facilities 2021.* Ministry of Health Kenya. P.O. Box 43319 Nairobi.

M. WORKSHOPS/CONFERENCE FACILITATION

1. National Guidelines for Quality Obstetrics and Perinatal Care (2019).
2. Early essential newborn care. Lesotho(2018)
3. Adaptation of the who standards of care for improving quality of maternal and newborn care in health facilities(2018)
4. Neonatal care protocols (2018)
5. Kenya Newborn registry (2017)
6. Kangaroo Mother care training materials workshop(2017)
7. KEMRI – Wellcome Trust Research, Ministry of Health, University of Nairobi, KPA: Participated in revision of Basic Paediatric Protocols CPAP guidelines. Brackenhurst, Kenya. June 2015.
8. KEMRI – Wellcome Trust Research, Ministry of Health, University of Nairobi, KPA: Participated in drafting recommendations for care of the umbilical cord in newborns. Mombasa April 2013.
9. Essential newborn care training. Kakamega – 2009.
10. Essential newborn care training. Embu– 2008.
11. Essential newborn care training. Kisumu – 2008.
12. Essential newborn care training. Kakamega – 2008.
13. Kenya Paediatrics Association Scientific Seminar 2001.
14. Kenya Paediatrics Association Scientific Seminar 1999.
15. Kenya Paediatrics Association Scientific Seminar 1998.

N. PAPERS PRESENTED AT CONFERENCES

1. **3rd Congress of joint European Neonatal Societies – 2019 The Netherlands** *Efficacy of a discharge checklist for neonates in reducing neonatal morbidity and mortality*

2. **Infectious diseases society of Kenya 2019.** Congenital Malaria.
3. **Kenya Paediatrics Association Conference 2019.** Theme: Beyond Child Survival – A holistic Approach to Child Health
CPAP in Newborns – The Kenyan experience.
4. **7th ICCN - International Conference on Clinical Neonatology – Turin 2018**
Clinical profile and audit of management of preterm infants with respiratory distress syndrome at the Kenyatta National Hospital.
5. **Kenya Paediatrics Conference 2018.** Theme: Aligning Child Health to Sustainable Development Goals
Benefits of omega 3 in brain development, cognitive development and function.
Pain management in the neonate.
6. **3rd Summer Conference on Neonatology in Provence’ 2017**
Identification and susceptibility patterns of bacterial isolates for neonates with sepsis at Kenyatta National Hospital
7. **Kenya Paediatrics conference 2017.** Theme: Beyond Child Survival; Nutrition & Child Development
Neonatal hearing screening survey
8. **Kenya Paediatrics conference 2016.** Theme: NCDS:A focus on early childhood determinants:
CPAP in practice.
Chlorhexidine for umbilical cord care.
Neonatal hearing survey.
9. **Infectious diseases society of Kenya 2015.**
Treatment of Neonatal sepsis.
10. **Kenya Paediatrics conference 2015.** Theme: Optimal child health:building blocks for the future.
Birth dose hepatitis B.
What is CPAP?
9. **International congress of Tropical Paediatrics (2014).** Theme:
“Tropical Paediatrics and the MDGs: Where are we?”
Diagnosis and treatment of neonatal sepsis.

- Efficacy of Bacillus clausii in reducing duration of illness in acute diarrhea in children 6-59 months of age admitted with severe dehydration.*
10. **Kenya Paediatrics conference 2013.** Theme: Paediatrics in Africa: Gaps in Knowledge research and practice.
Hepatitis A seroprevalence in a selected population.
 11. **International congress of Paediatrics 2013.** Theme: Bridging the gaps.
Prevalence of hyperglycaemia in neonates admitted to the newborn unit at the Kenyatta National Hospital Kenya.
Bubble CPAP in Kenya
 12. **European Society for Paediatric Infectious Diseases 2012.** Theme: Advances in paediatric infectious diseases
Outcome of bubble continuous positive airway pressure in preterms with respiratory distress syndrome.
Hand hygiene practices among healthcare workers in the Kenyatta National Hospital Newborn Unit.
 13. **Kenya Paediatrics Conference 2012.** Theme: Under five's back to basics
A case study in retinopathy of prematurity.
 14. **The Academy of Breastfeeding Medicine Annual International Meeting 2011.** *Health worker knowledge on HIV and breastfeeding.*
 15. **College of Health Science International Conference 2011.**
Are midwives ready for neonatal resuscitation? An experience at a Kenyan Referral Hospital.
 16. **Kenya Paediatrics Conference 2011.** Theme: Re-Evaluating Child Health Care Challenges.
Predicting perinatal outcome through changes in umbilical artery Doppler studies after antenatal corticosteroids in the growth-restricted fetus.
 17. **The 26th International Pediatric Association Congress of Pediatrics**
Gaucher disease at a National Referral Hospital - a ten year review.

Determining the validity and reliability of icterometers in screening for hyperbilirubinaemia in infants at Kenyatta National Hospital.

18. The International Congress of Paediatrics Conference Athens, Greece, 2007. *Infant outcome in pregnancies with reversed absent end diastolic flow after steroid administration.*

19. Perinatal Society of Australia and New Zealand Conference, April 13 to 16th 2007.

Infant outcome in pregnancies with reversed absent end diastolic flow after steroid administration.

20. Kenya Paediatrics Association Scientific Seminar 1994. Theme: The child in difficult circumstances.

Adolescent sexuality in Kibera.

O. CONFERENCES ATTENDED

1. Kenya Paediatrics Conference 2009. Theme: Millennium Development Goals; where are we?
2. Kenya Paediatrics Association Conference 2008. Theme: Paediatrics Today and Tomorrow.
3. Kenya Medical Association Annual Scientific Conference 2004. Theme: "Affordable Quality Healthcare in the Era of HIV/ AIDS and other Emerging and Re-emerging Diseases".
4. International Paediatrics Association Conference Mexico 2004. Theme: "Children are our future".
5. Kenya Medical Association Annual Scientific Conference 2003. Theme: "Current trends in Treatment and Prevention of HIV/ AIDS and other Diseases in Sub-Saharan Africa".
6. Kenya Paediatrics Association Conference 2003. Theme: "In search of excellence in Paediatrics".
7. Kenya Medical Association Annual Scientific Conference 2002. Theme: "Emerging challenges to the delivery of total quality healthcare in Kenya."
8. International Paediatrics Association Conference in Beijing 2001. Theme: "Challenges in child health in the new millennium". Attended

- sessions on respiratory medicine, immunization, neonatology, haematology and infectious diseases.
9. Kenya Paediatrics Association Scientific Seminar 2001. Theme: “Tropical Paediatrics”.
 10. Kenya Paediatrics Association Scientific Seminar 1999. Theme: “Challenges in Paediatrics in the New Millennium”.
 11. International Paediatrics Association Conference in Amsterdam 1998. Theme: “From grass roots to Genes”. Attended Sessions on immunization and respiratory medicine.
 12. Kenya Paediatrics Association Scientific Seminar 1998. Theme: “Vaccinology”.
 13. Kenya Paediatrics Association Scientific Seminar 1997. Theme: “Adolescence”.

P. GRANTS

1. Child Health and Mortality Prevention Surveillance (CHAMPS). Emory University, Atlanta, USA and KEMRI Network PI. Robert F. Breiman, Awarded by: Bill and Melinda Gates Foundation at \$ 3 million dollars per year for 5 years.
2. National Hearing and Screening Project, Duke University Medical Center, North Carolina, U.S.A and University of Nairobi. Awarded by: Medel Austria at \$13,406 for 1 year.
3. Neonatal – Post Neonatal Gut Microbial Project, Universität Bern and University of Nairobi. 150,000 SFA
4. Exploring the potential for using mothers’ experiences of pre-term birth to improve care in LMICs, using video narratives and digital stories: a pilot study of using mothers’ experiences in staff training. Funding: £196,782

Q. COMMUNITY/SOCIAL RESPONSIBILITY

1. I set up and run the Paediatrics Clinic for the Association of the Physically Disabled of Kenya.

2. Distribution of clothes to Orphanages and needy children in Kakamega County

REFEREES

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