

ROSA CHEMWEY NDIEMA

Obstetrician and Gynecologist - Reproductive, Maternal, Newborn, Child and Adolescent Health

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SUMMARY

An Obstetrician and gynecologist with a 10 year reputation of pursuing quality care in women's health particularly pregnant women. Leverages extensive healthcare knowledge and expertise to accomplish end-to-end program development, clinical documentation enhancements, and quality assurance goals. Dedicated to modernizing maternal health processes expertly adapting to shifting operational conditions through revamping national and international policies. Demonstrates expertise in establishing relationships, garnering trust, and directing change. Trains and coaches upcoming specialists in gynecology which has earned her attributes such as a savant tutor amongst her younger colleagues. Reduced Surgical Site infection rates by 15% through quarterly audit cycles with feedback as the Chair of IPC at KNH.

EXPERIENCE

Clinical Fellow, Maternal-Fetal Medicine

Moi Teaching & Referral Hospital

~ 03/2021 – 04/2023

- Optimized over 7200 reviews of high-risk pregnancies with favorable health outcomes, sparking an increase in productivity and competency.
- Steered operational & process improvements by offering training to more than 50 Masters students on basic ultrasonography, high risk pregnancy management and efficient evidence-based ward management.
- Utilized evidence-based research in the development of staff knowledge and skill through educational initiatives and role modeling.
- Improved care & management during high-risk pregnancies by conducting 3 evidence-based Case series discussions in international forums on selected unusual or rare maternal and fetal/neonatal complications.

International Scholar and Mentor

University of Pennsylvania (UPenn)

~ 06/2018 - Ongoing

- Established a partnership between Kenyatta National Hospital and University of Pennsylvania through memorandum of understanding.
- Mentored 21 Masters Students at Nairobi University/Kenyatta National Hospital & UPenn in Qualitative data analysis and other quantitative research methods
- Conducted patient-centered education within multiple formats to a variety of audiences, including patients, caregivers, staff, and clinicians

Head of Unit, Infection Prevention and Control

Kenyatta National Hospital

~ 01/2018 - 04/2021

- Reduced Surgical Site infection rates by 15% through quarterly audit cycles with feedback
- Recognized by the Board of Management for exemplary work in capacity building over 5000 healthcare workers in Kenya's largest hospital
- Established Lamaze Classes at Kenya's leading referral hospital, Kenyatta National Hospital. The classes have graduated over 500 pregnant mothers and their birth partners' and achieved positive pregnancy experience.
- Created a safe environment for healthcare workers to continue delivering services when the whole world was at its knees during COVID pandemic.
- Piloted the ISO 9000 2015 adaptation into the hospital system. Participated in implementation of all arms including audit exercise.
- Increased revenues amounting to Ksh. 18 million/month on IPC supplies.
- Led a 12 member staff unit covering a 2500 bed capacity hospital as they undertook support supervision.

EDUCATION

PhD Clinical; Maternal-Fetal Medicine

Moi University, Eldoret, Kenya

~ 03/2021 – 04/2023

Master of Medicine in Obstetrics and Gynecology (MMed Obs/Gyn)

The University of Nairobi, Nairobi, Kenya

~ 10/2010 - 12/2014

Diploma in Strategic Leadership and Development Program

The Kenya School of Government

~ 05/2014 - 06/2014

Bachelor of Medicine and Bachelor of Surgery (MBCbB)

The University of Nairobi

~ 10/2001 - 12/2006

STRENGTHS

Leadership; Team player, Emotional Intelligence, Patience and Firmness

As Chair of Reproductive Health Department Quality & Performance Appraisal I ensured that the 9 units with over 200 staff I oversaw each met minimum set targets that contributed towards departmental objectives. This entailed regular support supervision, setting up teams to reinforce each others activities for a common goal.

Resilience

As Head of Unit in Infection Prevention and Control during the COVID 19 pandemic, I was instrumental in directing the rational use of Personal Protective Equipment in a background of acute shortage and immense pressure from health care workers (over 5000 whom I had been tasked to support.

Goal Oriented and Problem solving skills

Suggested to the Hospital Management Committee at KNH through a presentation on the economic cost of inadequate supplies and provided a solution of adding Ksh 50 on outpatient services translating to Ksh 18 million per month which has since then adequately covered supplies of the equipment that were in short fall and surplus contributed to improving hospital IPC infrastructure as well.

PROFESSIONAL AFFILIATIONS

Kenya Medical Women Association

EXPERIENCE

Technical Officer, Ebola Sensitization

Ministry of Health

~ 06/2014 - 07/2014

- Deployed to capacity build Eastern and Central region of Kenya.
- Involved in a nationwide coverage sensitizing health care workers on Ebola prevention strategies.
- Instructed over 200 health workers to become Trainer of Trainers in Ebola prevention.
- Tailored training for trainer of trainers who subsequently were supervised to train their staff on Ebola identification and management.

Medical Officer - Accident & Emergency Doctor

Aga Khan University Hospital

~ 01/2011 - 12/2012

- Stabilized acutely-ill patients prior to further care by specialists in Accident and Emergency Unit attending to 20 - 25 patients per a shift
- Mitigated risks and improved quality of healthcare by summarizing the case for clinical team discussions
- Adopted evidence-based medicine in managing both acute and elective cases at the outpatient department Consultancy Experience

CONSULTANCY EXPERIENCE

Lecturer | Consultant Obstetrics & Gynecology

University of Nairobi

~ 01/2014 - Ongoing

- Lectured and mentored clinical officers, nurses, medical and graduate students, approximately 3 - 7 students at a time each day.
- Trained over 100 competent doctors and posted to work in various hospitals countrywide.
- Boosted morale in students especially in pursuit for further training by recommending future training needs at the University and College.
- Supervised Masters of Medicine thesis for 12 students.

Consultant, Reproductive Maternal Child Adolescent Health Specialist

MannionDaniels Africa Kenya

~ 05/2021 - 09/2021

- Facilitated baseline assessment of Reproductive Maternal Neonatal Child and Adolescent Health/Family Planning RMNCAH/FP in 7 of the Horn of Africa (Ethiopia, Kenya, Djibouti, Sudan, South Sudan, Uganda and Somalia) on behalf of Intergovernmental Authority on Development IGAD .
- Completed the consultancy assignment on time with a comprehensive report on health system capacity at the cross-border regions and specific thematic areas findings.
- Submitted a draft report on health system capacity at the cross-border regions and specific thematic areas findings and recommendations including a roadmap for resilient RMNCAH/FP service provision.

Consultant Gynecologist

Comitato Collaborazione Medica, Italy

~ 11/2014 - 12/2014

- Trained 11 healthcare workers at the Reproductive Health Department, Garowe General Hospital, South Central Somalia on Comprehensive and Basic Emergency Obstetric and Neonatal Care CEMONC & BEMONC .
- Established antenatal/ postnatal clinic and referral protocols as well as setting up safe motherhood working groups.
- Trained the 5 General Practitioners and 15 nurses and 3 traditional Birth Attendants on basic gynecologic skills in both emergency and elective case management.

PASSIONS

PROFESSIONAL AFFILIATIONS

Kenya Medical Association

Kenya Medical Practitioners and Dentists Council

Associate Member Royal College of Obstetricians and Gynecologists, UK

Member KNH-UON Ethical Review Board

Reviewer MU-MTRH Institutional Review & Ethical Committee

Member East, Central and South African College of Obstetrician & Gynecologists

CERTIFICATIONS

Associate Member of Royal College of Obstetricians and Gynecologists

Introduction to Epidemiology & Research Methods; and Clinical Trials: University of Pennsylvania; Philadelphia, USA

GRANTS AND PROJECT MANAGEMENT

Afya Bora Fellow - Project

Participated as principal investigator in clinical audit of missed opportunities in Prevention of Mother to Child Transmission of HIV. Resulted in change of strategy, including individualised pregnancy testing while performing community based voluntary HIV testing to capture HIV + pregnant women early and recruit them in care.

Study on preconception care amongst HIV affected couples in Kenya - Grant

Supported by the Fogarty International Center and the Office of Behavioral and Social Sciences Research at the National Institutes of Health under the Global Health Equity Scholars Consortium at Yale University D43TW010540 .

AWARDS

Commendation by Board of Management KNH for Capacity Building Healthcare workers during Covid19 pandemic 2020

Award for Excellence in Research at the 29 th International Medical Women's Congress, Seoul, South Korea

Guideline Utilization in Management of Antepartum Haemorrhage at Garissa Provincial General Hospital 29 th International Medical Women Conference; Seoul, South Korea Aug 201

Do Clinicians Adhere to Practice Guidelines?

[East African Medical Journal 2017](#)

Chemwey, Kiarie, & Kinuthia

A Descriptive Study at a Referral Hospital in Kenya, May 2017

Royal College of Obstetrician and Gynecologist Congress 2017

Participation; Cape Town, South Africa, Mar 2017

Quality of care in severe maternal morbidity in a referral hospital in Kenya

[Journal of Obstetrics and Gynecology of Eastern and Central Africa 2017](#)

Chemwey & Okutoyi

Recurrent spindle cell sarcoma in pregnancy: a case report, 2017

[Journal of Obstetrics and Gynecology of Eastern and Central Africa 2017](#)

Wanjiku, Chemwey, & Ondieki

Achieving eMTCT one baby at a Time

[Abstract Paper Presentation at FIGO 2018](#)

FIGO 2018; Rio de Janeiro; Brasil, Oct 2018

Incidence, Determinants and Outcomes of surgical site infection post caesarian section

[Abstract Paper Presentation at Regional FIGO 2020](#)

FIGO 2020; Kigali; Rwanda Dec 2020

Incidence, Determinants and Outcomes of surgical site infection post caesarian section

[Supplementary Publication International Journal of Obstetrics & Gynecology](#)

Dec 2020

Impact of Maternal Fetal Medicine Program on Pregnancy Outcomes in Severe Pre-Eclampsia at MTRH between 2018 and 2022

[Journal of MAR Gynecology and Urology Volume 5 Issue 4](#)

Jul 2023