

## **Dorcas Maina, PHD**

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## **PROFESSIONAL SUMMARY**

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Organized, dedicated, and ambitious nursing professional who is a lifelong learner.

## **EDUCATION**

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Ph.D. Epidemiology, Walden University

**Thesis title:** Perspectives of Patients with comorbidity on using eHealth Technology for Self-management.

M.Sc. N Critical Care Nursing, University of Nairobi

**Thesis title:** Factors Affecting Provision of Oral Care by Nurses in the Intensive Care Unit at Kenyatta National Hospital

BScN Nursing, Moi University

## **WORK EXPERIENCE**

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**Senior Lecturer, University of Nairobi| 2023 to present**

**Lecturer, University of Nairobi |2016 - 2023**

- Day-to-day teaching of undergraduate and masters students
- Supervision of, PhD, masters students and undergraduate students in their research
- Coordination of renal nursing courses.
- Examination coordination

**Lecturer, Masinde Muliro University of Science and Technology |2010- 2016**

- Day-to-day teaching of undergraduate students.
- Research supervision.
- Departmental timetable (2011 to April 2012)
- Departmental examinations coordinator (April 2012 to January 2013).
- Coordinator of teaching and learning in the School of Nursing and Midwifery (January 2013 to 2016).
- Consultant FUNZOKenya Project.

Clinical Practice Manager, AgaKhan Hospital Year |2008-2010

Tutorial fellow, Gertrude's Children Hospital Year |2007-2008

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## RESEARCH SUPERVISION

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### **Student level: Postgraduate/ PhD Nursing**

Thesis title: Evaluation of evidence-based integrated Triage protocol towards emergency nursing care of acutely ill adult patients at Nakuru Level 5 hospital.

**Status:** Data collection

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### **Student Level: Postgraduate/PhD in Nursing**

**Thesis title:** Implementation Strategy to Improve evidence-practice Gap in Utilization of Traumatic Brain Injury Management Guidelines among Health Professionals at Mulago National Referral Hospital: A Mixed Methods Study

**Status:** Proposal Development

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### **Student level: Post Graduate/Master of Medicine**

Thesis title: The Non-Physical Determinants of Total Pain Among Patients with Cervical Cancer Stage 3 And 4 At the Kenyatta National Hospital

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### **Student level: Postgraduate/ Master of Medicine**

Thesis title: Prevalence, types, perceptions, and Factors Associated with female sexual dysfunction during pregnancy among Low-risk Pregnant Women Seeking Care at Kenyatta National Hospital between October 2022 and December 2022: A mixed-method study.

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### **Student level: Postgraduate/ Masters**

Thesis title: Factors associated with left ventricular hypertrophy among patients undergoing hemodialysis at Kenyatta National Hospital

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### **Student level: Postgraduate/ Masters**

Thesis title: Strategies used by Kenyan patients on maintenance hemodialysis for coping with stress related to intradialytic events.

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### **Student level: Postgraduate/ Masters**

Thesis title: Intensive Care Survivor's Experience During Acute hospitalization in the Critical Care Unit at Kenyatta National Hospital

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### **Student level: Postgraduate/ Masters**

Thesis title: Assessing Health Literacy in Promotion of Self-management among Patients with Chronic Kidney Disease at Kenyatta National Hospital

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### **Student level: Postgraduate/ Masters**

Thesis title: Determinants of weaning failure among adult patients on invasive mechanical ventilation in Kenyatta National Hospital

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### **Student level: Postgraduate/ Masters**

Thesis title: Predictors of adherence to treatment regimen among hemodialysis patients at Kenyatta National Hospital

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**Student level: Postgraduate/ Masters**

Thesis title: Caregiver Burden as Perceived by Patients with Chronic Kidney Disease and Undergoing Hemodialysis at Kenyatta National Hospital

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**Student level: Postgraduate/ Masters**

Thesis title: Predictors of bacterial meningitis among pediatric patients aged 0-5 years at Kenyatta National Hospital

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**Student level: Postgraduate/ Masters**

Thesis title: Predictors of Outcome among Patients with Traumatic Brain Injury at Moi Teaching and Referral Hospital

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**Student level: Postgraduate/ Masters**

Thesis title: Nutritional status and dietary intake of mechanically ventilated patients at Moi Teaching and Referral Hospital

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**Student level: Postgraduate/ Masters**

Thesis title: Outcomes of peritoneal dialysis among pediatric patients with acute kidney injury at the Kenyatta National Hospital

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**Student level: Postgraduate/ Masters**

Thesis title: Predictors and Prevalence of Central Line-associated Bloodstream Infections among Adult Patients in Critical Care Units at Kenyatta National Hospital

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**Student level: Postgraduate/ Masters**

Thesis title: Diabetes Self-management Knowledge and Foot Complications among Type 2 diabetes patients at Jaramogi Oginga Odinga Hospital

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**Student level: Postgraduate/ Masters**

Thesis title: Factors Influencing Nurses' Perception and Practices Regarding Assessment of Delirium among Patients in ICU at Kenyatta National Hospital

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**Student level: Postgraduate/ Masters**

Thesis title: Assessing Health Literacy in the Promotion of Self-management among Patients with Chronic Kidney Disease in Kenyatta National Hospital Experiences of Parents on Kangaroo Mother Care in the Neonatal Unit at Kenyatta National Hospital

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## PUBLICATIONS

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OJWANDO, J. O., **Maina, D. W.**, Nafula, E., & Cheserem, E. (2024). Information needs factors affecting pain experience among patients with cervical cancer stages III and IV at the Kenyatta National Hospital: A descriptive phenomenology study—*Journal of Obstetrics and Gynaecology of Eastern and Central Africa*, 36(1).

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Manyeki, D. V., PhD Sr, D. M. N., & **Maina, D.** (2024). Influence of Comorbidities on the Length of Stay of Covid-19 Patients in Kenyatta National Hospital–Infectious Disease Unit (KNH–IDU), Nairobi County, Kenya. *American Journal of Health, Medicine and Nursing Practice*, 10(4), 12–34.

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Wangari, N., Omondi, L., & **Maina, D.** (2024). Nurses' Knowledge, Attitude, and Practice on Enteral Feeding of Critically ill Patients at Kenyatta National Hospital Critical Care Unit. *East African Journal of Health and Science*, 7(1), 22–33.

<https://doi.org/10.37284/eajhs.7.1.1697>

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R. G. Mwebia, E. A. Omondi, and **D. W. Maina**, “Exploring the Choice of Kidney Transplantation as a Treatment Option among Post-Kidney Transplant Recipients at Kenyatta National Hospital”, *IJRESM*, vol. 6, no. 11, pp. 86–91, Nov. 2023.

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Muthoka, Lydia, **Dorcus Maina**, and Samuel Thuo Kimani. 2021. “Strategies Used by Kenyan Patients on Maintenance Haemodialysis for Coping with Stress Related to Intradialytic Events”. *African Journal of Nephrology* 24 (1), 33–38.

<https://doi.org/10.21804/24-1-4529>.

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**Maina D.W.** (2019). Perspectives of Patients with Comorbidity on using eHealth Technology for Self-Management at Kenyatta National Hospital. scholarworks.waldenu.edu

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Marion Njoki Gakuna, **Dorcus Maina**, and Dr. Abednego Ongeso Experiences of Parents on Kangaroo Mother Care in the Neonatal Clinic at Kenyatta National Hospital. *International Journal of Recent Innovations in Medicine and Clinical Research*. Volume - 1, Issue - 2, 2019: 21–30

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Mukiri J., **Maina D.W.**, & Inyama H. (2018). Predictors and prevalence of central line-associated blood stream infections among adult patients in critical care units -Kenyatta National Hospital. *American Journal of Nursing Science*, 7(1), 1-13

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Egongdu R Onyejekwe, Jon Rokne, Cory L Hall (2019). *Portable Health Records in a Mobile Society*. **Maina, D**: The three As. Springer International Publishing

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Serem, J. J., Chege, M., & **Maina, D.** (2018). Predictors of bacterial meningitis among pediatric patients aged 0-5 years at Kenyatta Hospital, Kenya. *Open Journal of Pediatrics*, 8(3)

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Komen, V. Konyole, S.O., **Maina, D.** & Dinda, V. (2017). *International Journal of Advanced Research*, 5 (5), 1902-1907

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Rotich, J., Raballah, E. & **Maina D.** (2017). Predictors of Outcome among Patients with Traumatic Brain Injury at Moi Teaching and Referral Hospital, Eldoret, Kenya. *International Journal of Life Sciences*. 7(1), 59-62

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**Maina. D.** (2012). *Provision of oral care by nurse in the intensive care unit*. Lambert academic publishing. ISBN No. 978-3-8473-7953-9.

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## **OTHER ROLES AND AFFILIATIONS**

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Conference chair- Africa Nephrology Nurses Association (AFNNA 2024) Conference  
theme: Improving Kidney Care in Africa: The Evolving Role of the Nephrology Nurse

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Conference chair- Africa Nephrology Nurses Association (AFNNA 2022) Conference  
theme: Role of Education and Innovation in African Countries

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Conference chair- Kenya Nephrology Nurses Association (KNNA- 2021) Conference  
theme: Nephrology nursing education and renal service delivery. What is the  
connection?

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Scientific chair- Conference of International Neonatal Nurses (COINN- 2019)  
Conference theme: Universal health care: Saving the newborn

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## **PROFESSIONAL AFFILIATION**

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Member of the Kenya Nephrology Nurses Association

Member of the Africa Nephrology Nurses Association

Member of the International Society of Nephrology (ISN)

Member of the ISN Education Working Group

Member of the Sigma Theta Tau International Honor Society of Nursing- Zeta Gamma Chapter

## **PROFESSIONAL CONSULTING**

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A. Family nursing curriculum- Nursing Council of Kenya

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B. Critical care nursing logbook- Nursing Council of Kenya

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C. Kenya Registered Community Health Nursing Curriculum- Nursing Council of Kenya

## REFEREES

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1. Dr. Margaret Chege  
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2. Conrad W. Wanyama,  
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Nairobi.  
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