

## Prevalence and Hypertension Management among the Nomadic Migratory Community of Marsabit County, Kenya: Lessons Learned and Wayforward

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**Abstract :** Hypertension is a public health challenge that globally, with the World Health Organization estimating that by 2025, more than 1.5 billion people would have been diagnosed with it. Kenya's prevalence of hypertension is estimated at 24.6 percent; however, 55% of the affected have uncontrolled blood pressure, which is worst in some parts of the country with different lifestyle: nomads and migratory communities. Kenyan pastoralists comprise 20% of the nation's population and are constantly on the move for search of water, pasture for their herd, and desertification have driven nomadic populations to the brink, given their unique and dynamic challenges. Nomads face myriad of challenges and barriers towards the management of their health care problems. Nomadic area is predominantly rural, with a low population density and a nomadic population. Health care access and quality are further hampered by poor telecommunications, infrastructure, and security. In Kenya, nomadic communities experience the worst health outcomes, disproportionate health disparities, and inequalities due to unresponsive, culturally sensitive health care system to nomad's lifestyle and their health care needs. Marsabit covering a surface area of 66,923.1 km<sup>2</sup>, is the second largest county in Kenya, constituting about 2.3 million people of North-Eastern region, with only 2.3 percent and 1.9 percent of Kenya's total number of doctors and nurses in the country. In Kenya, there are scanty research on hypertension management in this region and, at best, non-existent study on hypertension among nomads-migratory communities of Northern Kenya. Therefore, the purpose seeks to determine the prevalence of hypertension among nomads and document nomads' practices regarding early detections, management, and levels of control of hypertension in one of the Counties in Kenya with high- hypertensive case load per year. Methods: A cross-sectional study design was used to collect data from multiple sites and health facilities. A total of 260 participants were enrolled into the study. The study is currently ongoing. It is anticipated that by September, we will have initial findings & recommendations to share for conference

**Keywords :** pastoralists, hypertension, health, kenya

**Conference Title :** ICIHHRB 2023 : International Conference on Inequalities in Health and Health Related Behavior

**Conference Location :** Sydney, Australia

**Conference Dates :** May 11-12, 2023