

***Corresponding author**

*Sakarie Mustafe Hidig, Head of Researchers, Research Center, Hargeisa Group Hospital, Hargiesa, Somaliland

***Key Words:**

Hargeisa Group Hospital, Somaliland, HGH

**Research Centre at Hargeisa Group Hospital:
Transforming Healthcare for Patients and
Professionals**

Sakarie Mustafe Hidig^{1*}; Umulkhayr Mohamed Ismail²; Jinaw Mohamed Qalib³; Hodan Mohamoud Osman⁴; Abdirahman Mohamed Osman⁵

¹Head of Researchers, Research Center, Hargeisa Group Hospital, Hargiesa, Somaliland

²Research Program Coordinator, Research Center, Hargeisa Group Hospital, Hargiesa, Somaliland

³Operational Manager, Research Center, Hargeisa Group Hospital, Hargiesa, Somaliland

⁴Research Director, Research Center, Hargeisa Group Hospital, Hargiesa, Somaliland

⁵Director of Hargeisa Group Hospital, Hargiesa, Somaliland

Abstract

The establishment of a research center at Hargeisa Group Hospital (HGH) represents a transformative vision for healthcare in Somaliland. By integrating research into the hospital's operations, the center aims to address pressing health challenges such as liver cancer, infectious diseases, and maternal health complications, providing localized data and insights that ensure effective and culturally appropriate healthcare interventions. The center will enhance patient care through innovative treatments, preventive care, and early diagnosis, while also building the capacity of healthcare professionals through training programs and collaborative opportunities with international institutions. Future plans include leveraging advanced technologies, expanding infrastructure, and engaging local communities to maximize the center's impact. This initiative promises to position Somaliland as a leader in medical innovation in the Horn of Africa, fostering economic growth, guiding evidence-based public health policies, and creating a healthier, more resilient nation.

Introduction

The establishment of a research center at Hargeisa Group Hospital (HGH) represents a transformative vision for healthcare in Somaliland. This initiative aims to advance medical knowledge, improve patient care, and build the capacity of healthcare professionals, creating a bridge between scientific discovery and practical healthcare delivery. By addressing local health challenges such as cancer, infectious diseases, and maternal health complications, the center would generate insights that directly benefit the population [1]. Future plans include expanding partnerships with global research institutions, developing training programs, and leveraging technology to enhance data collection and analysis. This article explores the potential impact of the research center on patients, the healthcare system, and the nation, emphasizing its role in positioning Somaliland as a leader in medical innovation. Hargeisa Group Hospital has long been a cornerstone of healthcare in Somaliland, providing essential medical services to a diverse population. However, the establishment of a dedicated research center at HGH is poised to elevate its role from a healthcare provider to a hub of medical innovation. This center aims to address pressing health challenges, advance medical science, and improve the quality of care for patients across the region [2].

A research center at HGH would enable healthcare professionals to

engage in cutting-edge studies tailored to the unique health challenges of Somaliland. Research priorities could include prevalent diseases such as cancers, gastrointestinal issues, infectious diseases, and maternal health complications. By generating localized data and insights, the center would ensure that healthcare interventions are both effective and culturally appropriate. This approach would bridge the gap between global medical advancements and the specific needs of the Somaliland population. Integrating research into hospital operations would directly enhance the quality of care provided to patients. Clinical trials and evidence-based studies conducted on-site could lead to the adoption of innovative treatments and technologies. For example, research on minimally invasive surgical techniques could improve recovery times and reduce complications for patients undergoing complex procedures. Additionally, a focus on preventive care and early diagnosis would empower healthcare providers to tackle diseases before they reach critical stages, improving patient outcomes and reducing healthcare costs.

One of the key benefits of establishing a research center is the opportunity to build the capacity of healthcare professionals. The center could serve as a hub for training programs, workshops, and seminars, equipping doctors, nurses, and allied health workers with the skills needed to conduct and apply research. A culture of continuous learning and innovation would be fostered, attracting talented medical practitioners and researchers to HGH. Partnerships with international research institutions could further enhance knowledge exchange and open doors for collaborative studies. The ripple effects of a research center at HGH would extend beyond the hospital itself, strengthening the entire healthcare system in Somaliland. Data collected through hospital-based research could inform public health policies and guide resource allocation, ensuring that interventions are cost-effective and impactful. This evidence-based approach would improve the overall efficiency of the healthcare system, benefiting the broader population and addressing long-standing challenges in resource-limited settings [4].

The vision for the research center extends far beyond its initial establishment. Future plans include establishing collaborations with international research institutions and universities to enhance the center's capabilities and access to global expertise. Leveraging advanced technologies such as artificial intelligence, telemedicine, and big data analytics to improve research outcomes and healthcare delivery is also on the agenda. Specialized training programs for healthcare professionals focusing on areas such as clinical research, public health, and advanced surgical techniques will be

developed. Local communities will be actively involved in research initiatives to ensure that studies are relevant and impactful. The center's infrastructure will also be expanded to include state-of-the-art laboratories, conference rooms, and technology hubs to support a wide range of research activities. The establishment of a research center at HGH would have a profound impact on Somaliland as a whole. By addressing local health challenges through research, the center would improve the overall health and well-being of the population. Furthermore, it would position Somaliland as a leader in medical innovation in the Horn of Africa, attracting investments and fostering economic growth. The center could also serve as a model for other countries in the region, demonstrating the potential of integrating research into healthcare delivery.

The research center at Hargeisa Group Hospital represents a transformative vision for healthcare in Somaliland. By advancing medical knowledge, improving patient care, and building the capacity of healthcare professionals, the center would address critical health challenges and create a healthier, more resilient nation. With a focus on collaboration, innovation, and community engagement, this initiative promises to turn challenges into opportunities, ensuring that HGH remains at the forefront of medical advancements while continuing to serve its community with excellence and compassion. The future of healthcare in Somaliland is bright, and the establishment of this research center is a significant step toward realizing its full potential.

The research center inspires to be the first and leading hospital based medical research and training center in Somaliland by 2028. The Hargeisa Group Hospital-Research Centre is dedicated to excellence in health research that informs clinical practice, policy, education utilize scientific evidence through translational research and capacity building in medical research and training. The Centre's mission is to become a prominent research centre that conducts high quality research, research training and thus influencing clinical practice and enhancing health outcomes in the public as well as private institutions in Somaliland.

Funding: None

Conflict Of Interest: None to declare

Authors' Contributions:

Writing, editing and Conceptualizing: SMH, UMI, JMQ, HMO, AMO. All authors reviewed and approved the final version of the manuscript.

References

1. Baer A, Bechar N; Cohen G and Devine S (2010). Basic steps to building a research program. *J Oncol Pract.* Jan;6(1):45-7. doi: 10.1200/JOP.091070.
2. McGuire DB (1999). Building and maintaining an interdisciplinary research team. *Alzheimer Dis Assoc Disord ; Apr-Jun;13 Suppl 1:S17-21.* doi: 10.1097/00002093-199904001-00006.
3. Heitkemper M; McGrath B; Killien M; Jarrett M and Landis C et al (2008) ; Hayward K. The role of centers in fostering interdisciplinary research. *Nurs Outlook.* May-Jun;56(3):115-122.e2. doi: 10.1016/j.outlook.2008.03.008.
4. Clarke-Tasker VA (2009) : Commentary on collaboration: the key to interdisciplinary research. *ABNF J.* Winter;20(1):25-6.