

Telemedicine and Access to Health Care Services in Rural Areas

By IS | Infinite Solution team

Team Members:

- Yordanos Beneberu
- Daniel Demerw
- Getasew Hailu Kébie
- Bemnet Negussie
- Samuel Solomon
- Tibebe Solomon



Made with Gamma

Problem

Health Care Disparities

Rural areas have fewer healthcare providers, which leads to disparities in access to care, poor health outcomes, and higher death rates.

GCGO

Telemedicine aligns with the Healthy People 2020 goal of improving access to health services and clinical preventive services for all citizens, particularly those in rural and under-served areas.

Importance

Access to reliable and convenient healthcare is crucial for maintaining healthy communities and a strong economy.



Affected Group

- Rural residents who live far from healthcare facilities
- People with limited mobility or transportation options
- Those with busy schedules who find it difficult to make in-person appointments



Data



Preventable Deaths

Rural African communities experience a large number of preventable disease due to lack of healthcare services and awareness about the disease.

Data

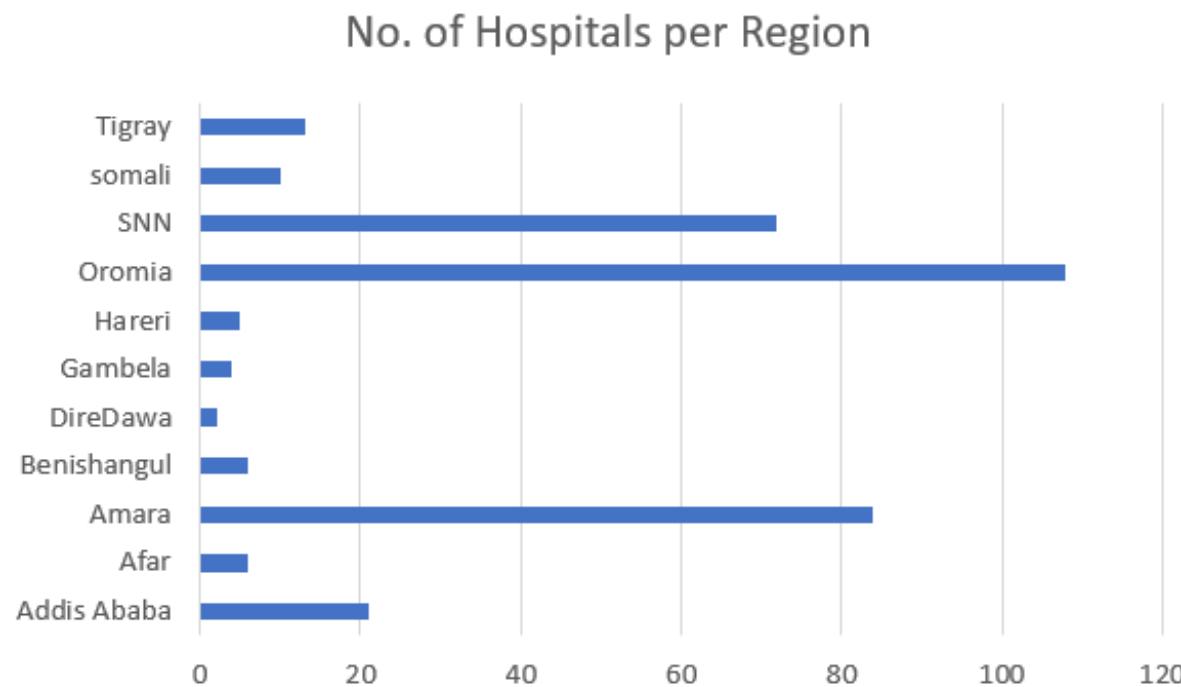


Chart 1.1: Hospital distribution in Ethiopia across region

Data

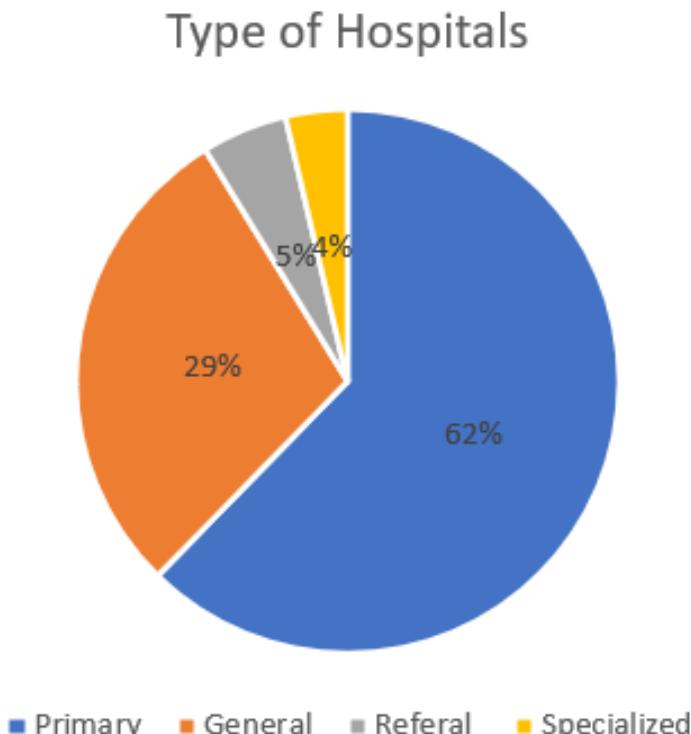


Chart 2.1: Types of Hospitals in Ethiopia

Data

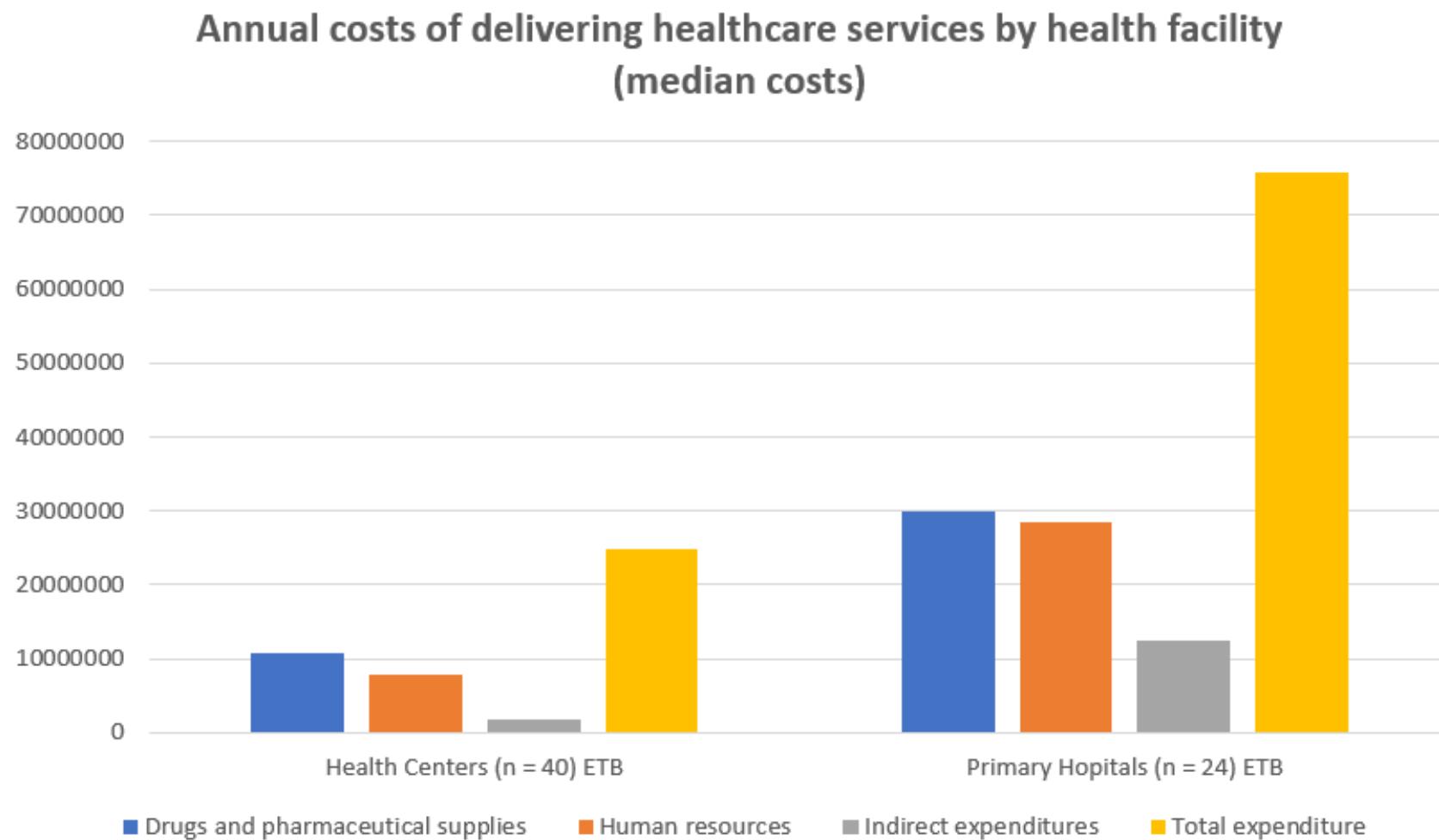


Chart 3.1 Government Healthcare Annual costs of delivering healthcare services by health facility (median costs)xpenditure per region In Ethiopia

Solution

Why it was chosen

offers convenient and reliable access to healthcare services, especially in areas without enough healthcare providers

1

2

3

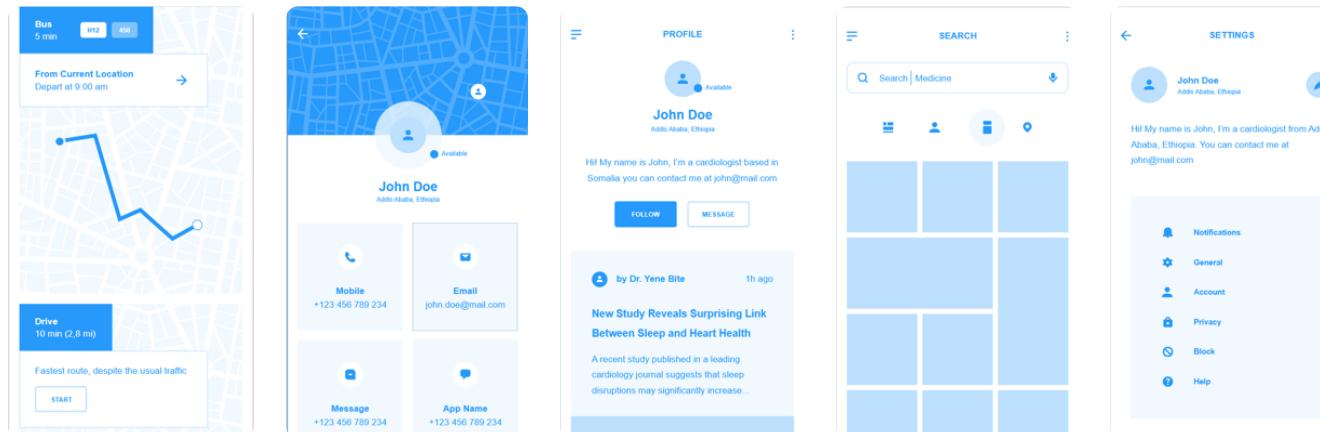
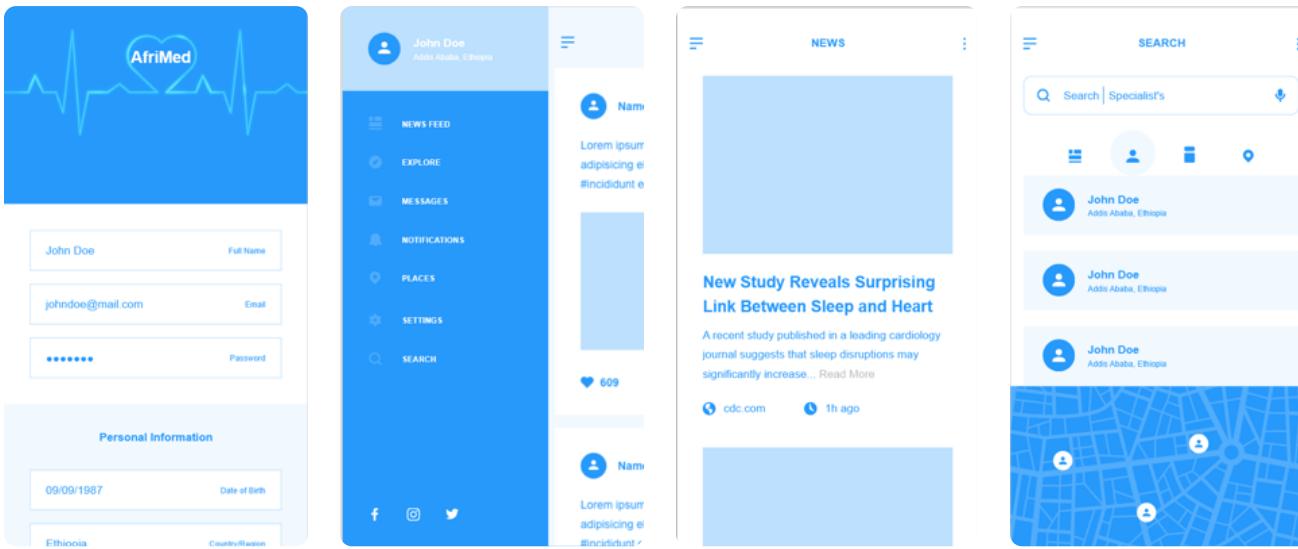
Solution

We propose a mobile app that connects rural African communities with healthcare providers through telemedicine and provides access to basic healthcare information. Our solution is accessible, affordable, and scalable

Why it will be effective

because it has already helped increase access to care and decrease healthcare disparities.

Images



Pain Points

- Users need access to healthcare services in remote or under-served areas where healthcare facilities are limited
- Users need a convenient and time-efficient way to consult with healthcare professionals without having to wait for appointments or face long queues.
- Users may face language barriers or lack of translation services when seeking medical advice or consultations
- Users may have concerns about the privacy and confidentiality of their medical information
- Users need a solution to address the limited availability of specialized medical equipment or diagnostic services in their area.
- Users may have difficulty finding healthcare professionals specialized in specific medical conditions or treatments.

Recommendations / Changes

- Invest in broadband infrastructure in rural areas
- Offer training and resources to healthcare providers who are new to telemedicine
- Continue to research and develop new technologies to improve the telemedicine experience for patients and providers

What's Next

If given funding, the team would continue to develop and improve telemedicine technologies and expand access to healthcare services in rural areas. Research would focus on identifying and addressing community-specific barriers to adoption and increasing awareness among healthcare providers and patients.



Why

Telemedicine could make an important difference in reducing healthcare disparities and improving access to care in rural areas. By offering convenient and reliable healthcare services, telemedicine can help people live healthier and more productive lives.