

PRIMARY AND SECONDARY HEALTH CARE FOR CHRONIC DISEASE PATIENTS IN HOMA BAY



WHO WE ARE

Founded in 1971 Médecins Sans Frontières (MSF)/Doctors Without Borders is an international, independent, medical humanitarian organization that delivers emergency aid to people affected by armed conflict, epidemics, exclusion from healthcare and natural disasters in more than 70 countries around the world. MSF offers assistance to people based on need, irrespective of tribe, race, religion, gender or political affiliation. Our actions are guided by medical ethics and the principles of neutrality and impartiality.

BACKGROUND

MSF started its activities in Homa Bay in 1997 in response to the high HIV burden in Nyanza province, Kenya, which had an estimated prevalence rate of 35%. MSF began by offering free HIV testing, counseling, and treatment for opportunistic infections at Homa Bay District Hospital.

In 2001, MSF in collaboration with the Ministry of Health provided the first free Antiretroviral Therapy (ART) at the Homa Bay District Referral Hospital.

Kenya is experiencing an epidemiological transition in disease burden with the rapidly increasing burden of non-communicable diseases (NCDs) which according to the Kenya Non-Communicable Disease (NCD) Strategic Plan 2021–2025, NCDs account for approximately 39% of all deaths in the country.

In 2021, MSF shifted focus to a wider scope of chronic diseases, to address the increasing burden of non-communicable diseases in Homa Bay Sub County.

CURRENT ACTIVITIES

MSF supports two adult medical wards (one male and one female) and the TB wards of Homa Bay County Teaching and Referral Hospital (HBCTRH) with human resources training, and mentorship of staff), designing standard operating procedures (SOPs) and protocols, buffering medication to MoH pharmacy, laboratory support (point-of-care tests), and supporting blood donation campaigns.

MSF has been providing diagnostic, treatment, and follow up care for patients with Kaposi Sarcoma (KS) at MSF run post-discharge clinic (PDC). Kaposi sarcoma is a cancer that primarily affects people with weakened immune systems, including those with AIDS.

To reduce deaths and complications associated with chronic diseases, since 2021, MSF has been implementing a **decentralised, simplified model of chronic disease care** in two Primary Health Care (PHC) facilities in Nyalkinyi and Marindi. This includes an established referral framework for continuum of care, while supporting a differentiated model of care, community screening and awareness.

MEDICAL CARE FOR PATIENTS ADMITTED INTO THE THREE ADULT MEDICAL WARDS INCLUDING TB WARDS

➤ Point-of-care laboratory serving MSF supported wards and supporting the MoH blood bank and blood donation campaigns.

- Treatment of critically ill patients with medical conditions including advanced HIV and complications of non-communicable diseases.
- Post-Discharge Clinic to follow up on unstable patients discharged from the inpatient wards for 8 weeks.
- Chemotherapy treatment for Kaposi Sarcoma patients.
- End of life and palliative care for patients in Homa Bay County Teaching and Referral Hospital and Homa Bay sub-county through home-based care treatment, and supporting palliative care unit.

POST DISCHARGE CLINIC

MSF also provides **post-discharge treatment and follow-up for unstable patients from the inpatient wards** with chronic diseases including HIV, and non-communicable diseases at the post discharge clinic, while providing long-term continuity of care through linkages.

- Follow up on unstable patients discharged from the inpatient wards for 8 weeks.
- Chemotherapy treatment for Kaposi Sarcoma patients.
- End of life and palliative care for patients in Homa Bay County Teaching and Referral Hospital and Homa Bay sub-county through home-based care treatment, and supporting palliative care unit.

DECENTRALISED SERVICES: NON-COMMUNICABLE DISEASE CARE IN HOMA BAY TOWN SUB-COUNTY

- Two integrated chronic disease care clinics for Diabetes, Hypertension, Asthma, Epilepsy, Chronic Obstructive Pulmonary Disease, and Sickle Cell Disease at Nyalkinyi and Marindi primary-level facilities with simplified protocols to reduce deaths and complications associated with chronic diseases
- MSF in Homa Bay has pioneered a differentiated service delivery model for management of Diabetes and Hypertension to be responsive to patient needs.
- In the decentralized sites, MSF provides four differentiated service delivery models of care to strengthen the screening and management for stable chronic disease patients with simplified protocols. These models are facility-based, community-based, standard of care and fast-track.
- Strengthening referral network between different level facilities and the Homa Bay County Teaching and Referral Hospital (HBCTRH)

CHRONIC DISEASES

9,968
Consultations

932
Patients
enrolled



1,956
Patients
on care

DIFFERENTIATED SERVICE DELIVERY (DSD) MODEL

158
Patients
enrolled in
facility and
community

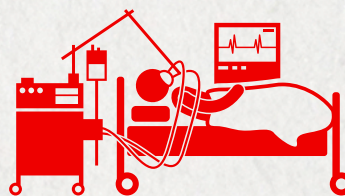


17
Patient groups
(facility and
community)

INPATIENT ADMISSIONS

3,648
Patients admitted in
the medical wards

1,234
(38%)
Proportion
HIV+ve



453
(37%)

Advanced HIV
patients treated

30
Patients
enrolled in
palliative
home-based
care

KAPOSI SARCOMA TREATMENT

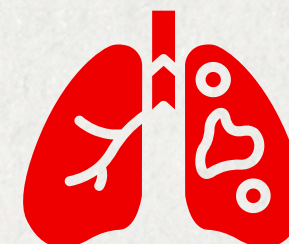
96
Patients
treated



89
Patients newly
started on
chemotherapy

PATIENTS MANAGED FOR TUBERCULOSIS

485
Patients
treated



375
(79%)
Proportion of
HIV+ve

MSF IN KENYA

MSF has been working in Kenya since 1987, providing medical services including treatment for HIV, TB and non-communicable diseases, providing adolescents and youth friendly services, healthcare for refugees, support for survivors of sexual violence, and responds to several emergencies such as disease outbreaks and consequences of climate change.

MSF works in Homabay, Nairobi, Garissa in Dadaab Refugee Camp, and Mombasa, and responds to emergencies in different regions of the country.

In 1999, MSF was awarded the Nobel Peace Prize.

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KEY FIGURES 2024