

# **Strengthening Partnerships with Community, Faith Based Health Facilities and the Global Community for Early Diagnosis and Access to Care & Treatment for NCDs in Kenya**

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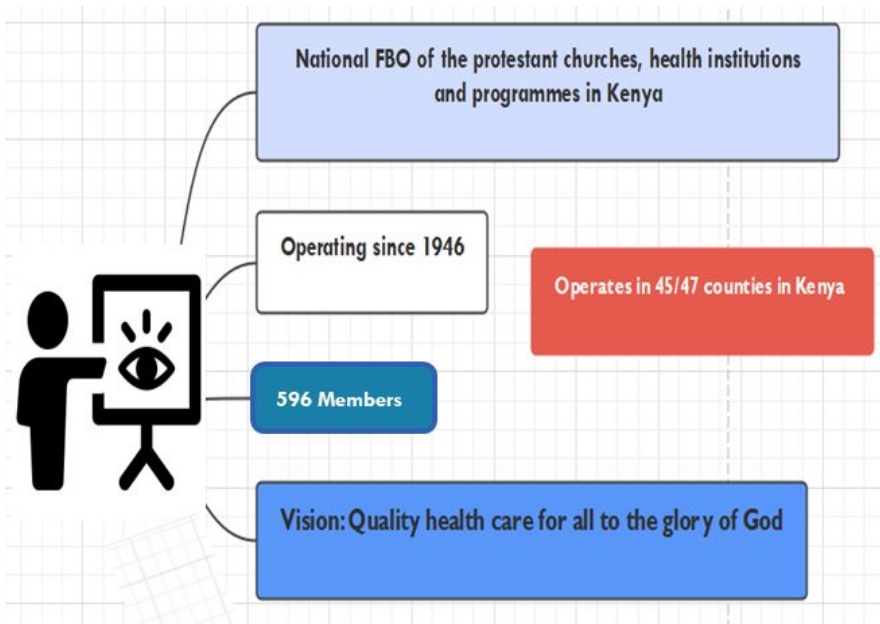
**Catholic University of America, Washington DC.**



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# CHAK Organisational background



## Strategic Directions

Health programming	Health Systems Strengthening	Advocacy Partnerships and Networking	Sustainable Financing and Resource Management	Strategic Information Management	Branding, Marketing and Communication



# The burden of NCDs



- Each year, **17M people globally**, die from a NCD before age 70; **86% of these premature deaths occur in low- and middle-income countries**
- NCDs account for more than **50% of total hospital admissions** and over **55% of hospital deaths in Kenya.**
- The major NCDs are cardiovascular conditions, cancers, diabetes, and chronic obstructive pulmonary diseases



# NCDs in Kenya



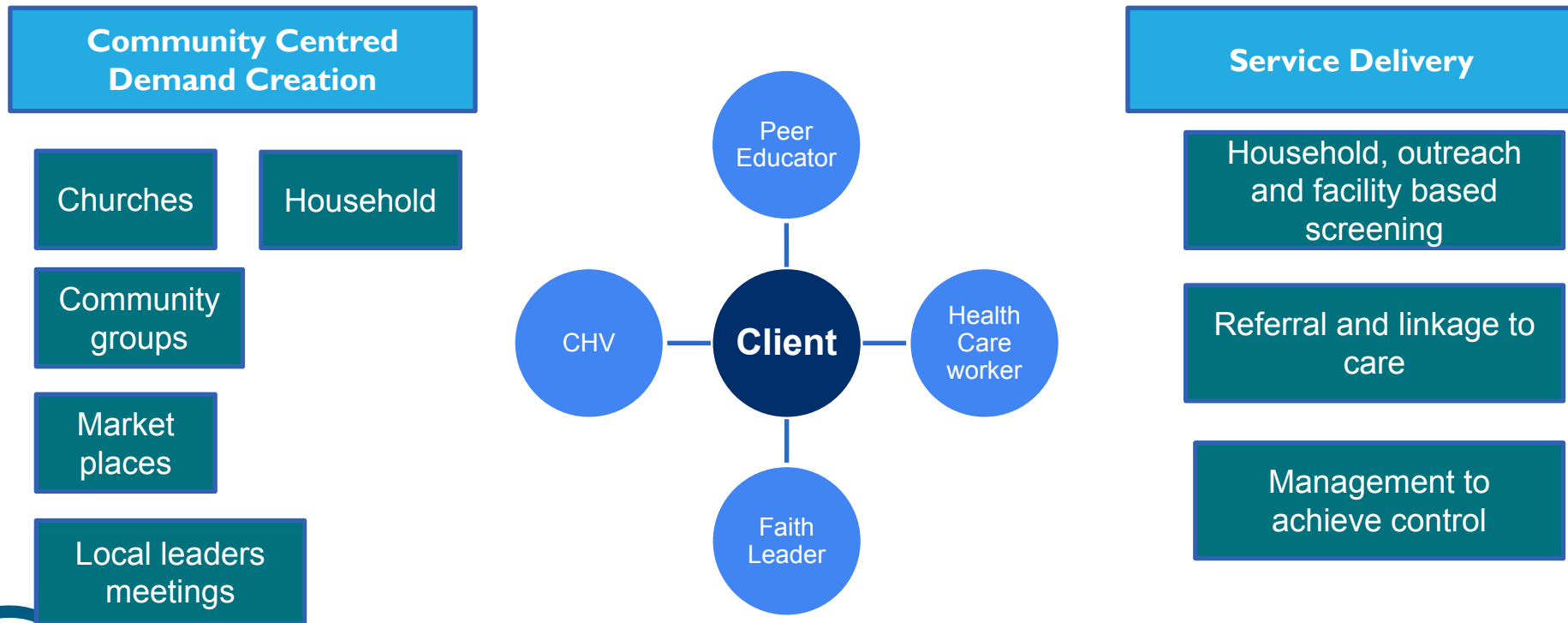
Disease Area	Prevalence Globally	Prevalence in Kenya
Screening for HTN	46% of adults with hypertension are unaware that they have the condition	<b>Never measured: 41.3%F; 71.1%M</b>
Screening for DM		<b>Never measured: 87.3%F; 88.2%M</b>
Elevated BP	1.28 billion adults aged 30–79 years worldwide have hypertension, most (two-thirds) living in low- and middle-income countries	<b>24% have raised BP</b> (SBP $\geq$ 140 and/or DBP $\geq$ 90 mmHg or currently on medication for raised BP) with 22.6%F and 25.1%M
Prevalence of diabetes	8.5% of adults aged 18 years and older have diabetes	<b>3.2% (3.2%F 3.0%M) pre-diabetes</b> <b>1.9% (2.3%F; 1.5%M) diabetes</b>
Epilepsy	High-income countries- 49 per 100, 000 people diagnosed with epilepsy each year.  Low- and middle-income countries, can be as high as 139 per 100 000.	<b>18.6/100,000 of population</b>
Sickle Cell Disease	Approximately 300,000 babies born with sickle cell disease annually	<b>4,000 children are born with SCD annually</b>
Breast Cancer	Age standardised incidence rate in females of 48/100,000	<b>Age standardised incidence rate in females of 41/100,000</b>



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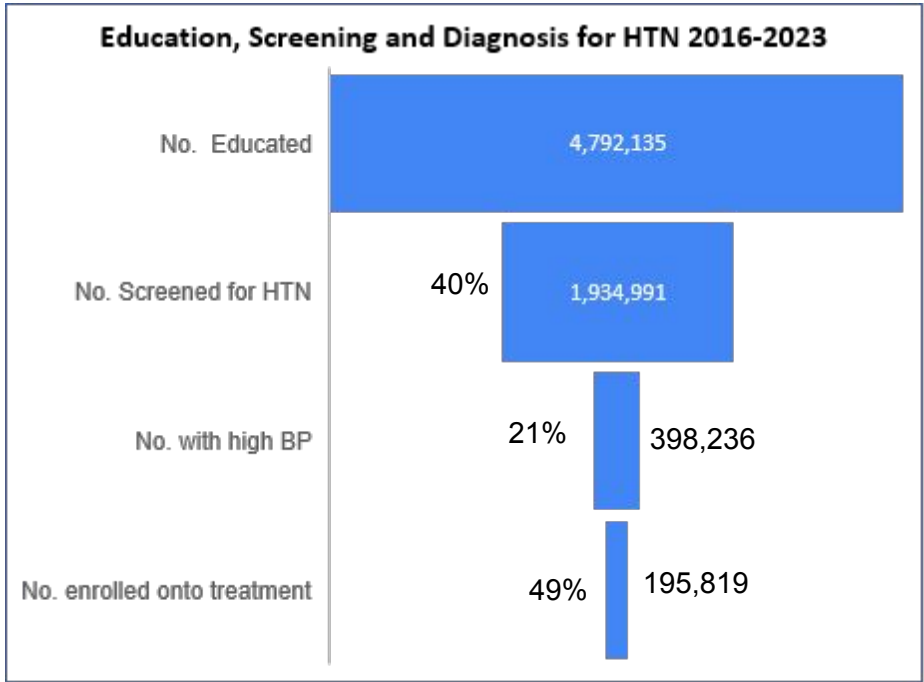
# Fostering effective partnerships with community for screening and management of NCDs



# Awareness and Education on NCDs, their Risk Factors & Complications

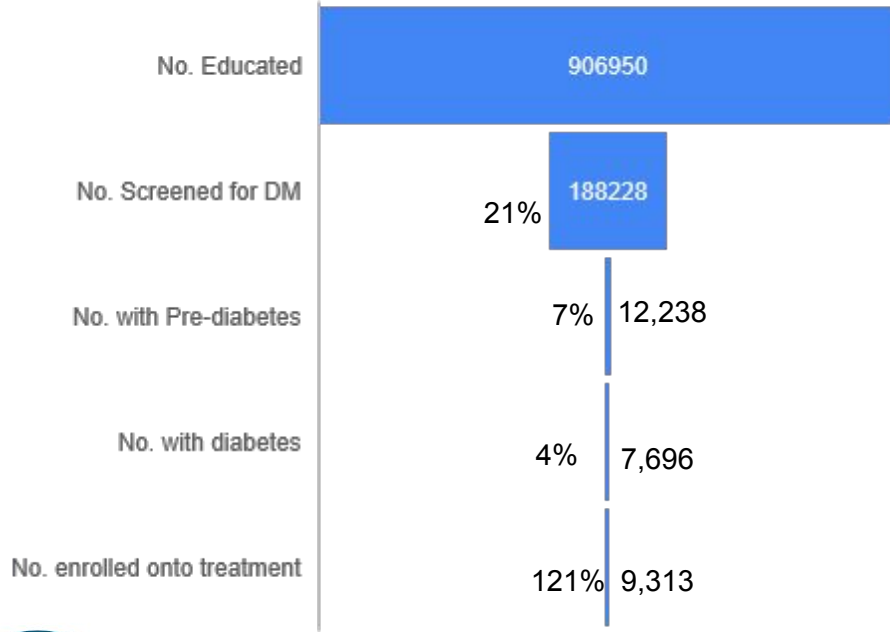
- Community owned resource persons trained, equipped and facilitated to conduct A&E
- 1181 CHVs, 674 FLs trained since 2016
- Focus disease areas: diabetes, hypertension, epilepsy, sickle cell disease, breast cancer
- Linkage with health facility for referral
- Linking to associations for persons with epilepsy, diabetes for improved management of disease condition and support
- Support supervision and mentorship





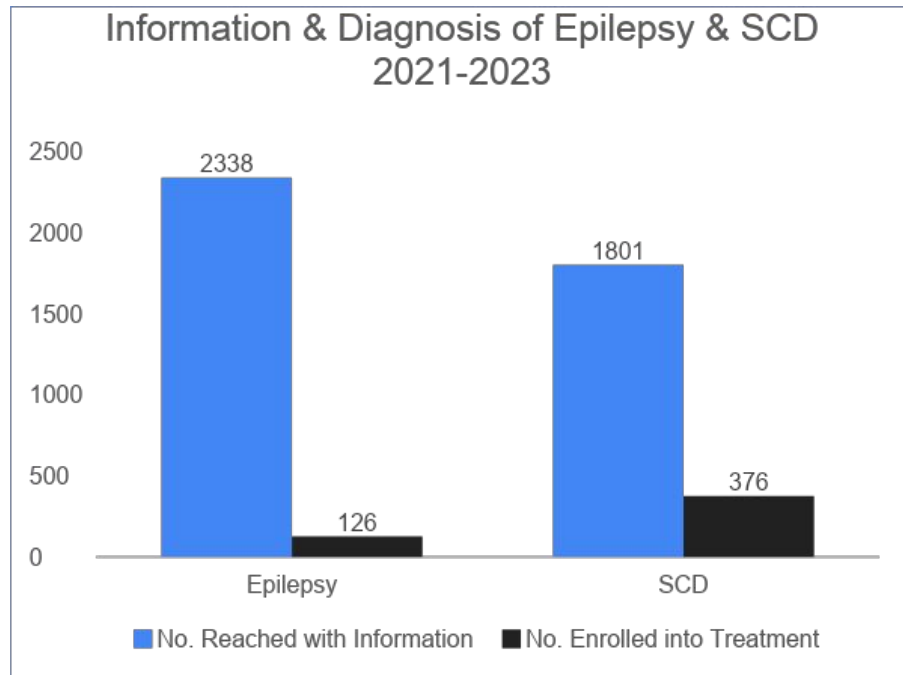
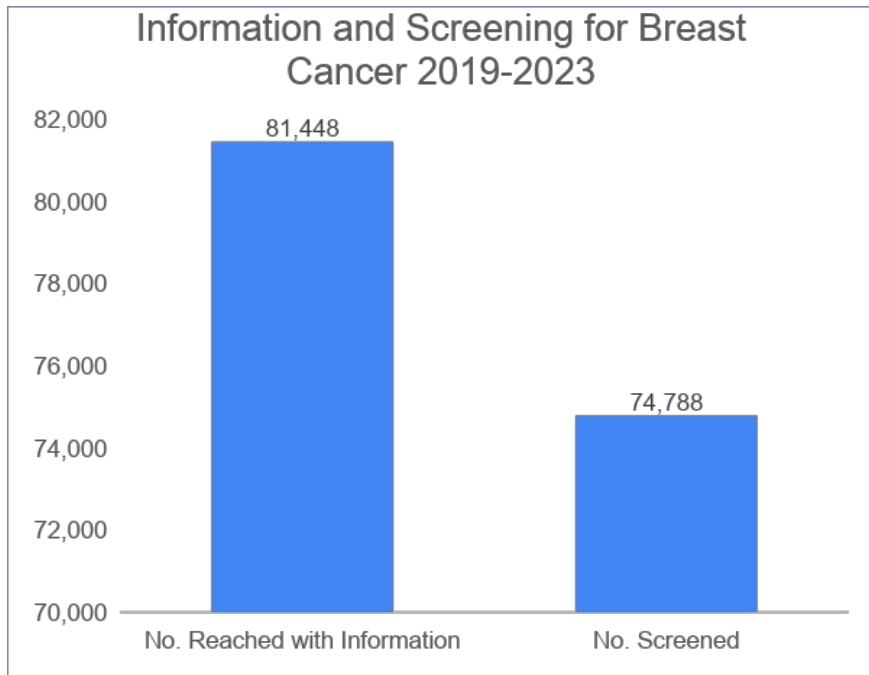
# Information, Screening and Diagnosis for NCDs

Education, Screening and Diagnosis for DM 2016-2023





# Information, Screening and Diagnosis for NCDs



# Fostering Partnerships with Hospitals

- Partnered with 200 health facilities over the period 2016-2023 covering 44 out of 47 counties in Kenya
- Capacity building through central training, CMEs and OJT
- 1858 HCWs and 254 PEs trained centrally (2016-2023)
- Support supervision, RDQAs and strengthening MEL systems
- Support groups for HTN, DM, Epilepsy, Breast Cancer
- Low resource use and sustainable practices
- Partnering with MOH





# Fostering Partnerships with the Global Community



Name of Project	Development Partner	Implementation Period	Focus Diseases
Base of the Pyramid	Novo Nordisk	2012-2022	Diabetes
Healthy Heart Africa	AstraZeneca	2014-2019	Hypertension
Novartis Access Project	Novartis	2016-2019	Hypertension, diabetes, breast cancer, asthma
AFORD Kenya	World Diabetes Foundation	2017-2019	Diabetes
Familia Nawiri Project	Novartis	2019-2020	Hypertension, diabetes
Pumua Initiative	AstraZeneca	2021	Asthma
Familia Nawiri Project	Novartis	2021 to date	Hypertension, diabetes, heart failure, eye disease, sickle cell disease, epilepsy, breast cancer
Bread for the World Project	Bread for the World	2010 to date	Hypertension and diabetes
Roche	Roche	2016 to date	Equipment
Echo-for-life	Heart Centre	2021 to date	Echo cardiography

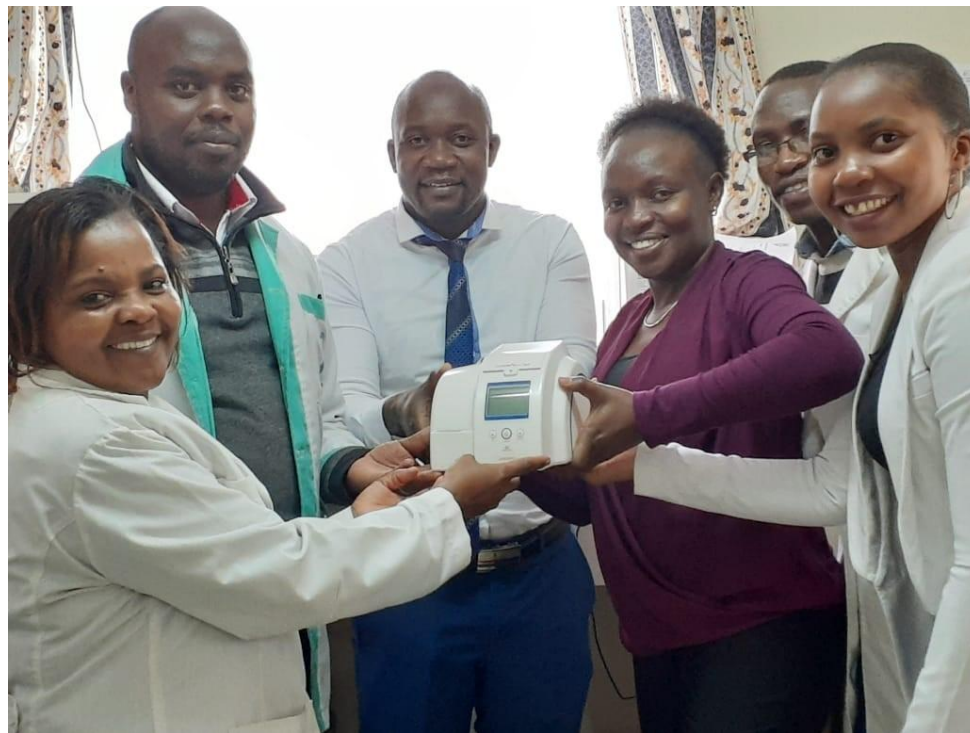


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# Fostering Partnerships with the Global Community

- Capacity building
- Access drugs, including affordable insulin reducing cost from ~10USD in the market to ~USD 5 to ~USD 2.7
- Equipment distribution e.g. HbA1c, glucometers and strips, ECG machine, BP machines, nebulising stations
- Partnering with MOH



## Challenges

- COVID-19
- Reaching men and persons with disability
- Staff turnover
- Inadequate resources

## Successes

- Increasing community awareness on NCDs and demand for screening, support groups at community level
- More knowledgeable patients and improved self care
- Improving facility community relationships
- Strengthening quality of care
- Use of technology- CHAK mPower
- Sustainability of interventions- continued screening, capacity, equipment, systems

## Lessons Learnt

- Community owned resource persons are key to reaching the community
- Need to be more intentional to reach men and PWDs.
- Targeted screening
- Value of integrated care
- Support the complete patient pathway
- PEs and support groups
- Catalytic change and sustainability
- Partnering with MOH is key



**Asanteni sana!**



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