

Key Informant Interview Guide

[For interviewer] *The following questions will be asked after the participant has understood the details presented in the information sheet and provided written informed consent.*

This interview will contain two parts. Part 1 will discuss questions related to national health priorities for cardiovascular diseases, diabetes and multimorbidities, and the application of health system interventions including integrated care and multicomponent interventions to control these conditions.

In Part 2 we will discuss how evidence for decision-making is used for cardiovascular diseases, diabetes, and multimorbidity, and the place of health economic modelling in prioritisation of control interventions. We will also explore your views on important considerations and recommendations in health economic modelling for our current projects related to integrated care and multicomponent interventions.

PART 1: Prioritisation of cardiometabolic disease management and multimorbidity in the national health strategic plans and policies, and interventions (integrated care/ multicomponent interventions).

1. Please describe your current role and what it entails?
2. To start, could you briefly give a picture of the policy landscape for cardiovascular diseases and diabetes in Kenya?
3. What is the process of priority setting for non-communicable diseases in Kenya?
 1. [Probe] Planning and budgeting for NCDs, cardiovascular diseases and diabetes (What influences budget allocation for CVD prevention? - Barriers and facilitators, recommendations)
 2. In your opinion, is cardiovascular diseases and diabetes prevention and management prioritised in the national health policy and strategic plan in Kenya?
 1. What aspects are prioritised?
4. What is the place of comorbidity and/ or multimorbidity of these conditions (an increasingly important health issue in LMICs)?
5. In your opinion, what specific interventions or strategies should be / are being prioritised to improve the prevention and management of cardiovascular diseases and diabetes in Kenya?
 1. [Probe] Interventions targeting single diseases, comorbidity and/ or multimorbidity?
 2. [Probe] What levels of the health system are they implemented? (Primary, Secondary... etc.)
6. Integrated care is one of the recommended interventions in prevention, management, and control of chronic diseases. In the Kenyan context, what does integrated care mean?
7. In your view, do you think using integrated care can help in the prevention, control and management of cardiovascular diseases and diabetes or their co/multimorbidity in the Kenyan context? **[Follow-up probe]** Why?
 1. [Probe] Are you aware of any integrated care interventions that are currently being implemented by the government for cardiovascular disease/ diabetes/ their co/multimorbidity in Kenya? **[Follow-up probe]** What are they?

2. [Probe] What do you think are the barriers and facilitators to the implementation of integrated care interventions for cardiovascular diseases/ diabetes/ co/multimorbidity in Kenya?
3. [Probe] What considerations should be made when scaling up integrated care for cardiovascular diseases/ diabetes/ co/multimorbidity in Kenya?

PART 2: Health economic modelling of the impact of integrated care and multicomponent interventions on cardiovascular diseases, diabetes, and multimorbidity

1. **[A brief description of health economics]** How is economic evidence used in identifying scalable and sustainable interventions for chronic disease management in Kenya?
 1. [Probe] What can be done to improve the way economic evidence is **used by decision makers**?
 2. [Probe] How can evidence from economic analysis be improved on the **side of health economists/ analysts** to support use of the evidence for decision making?
 3. [Probe] Who are the key stakeholders/ actors in the generation or use of health economic evidence for decision-making for non-communicable diseases in Kenya?
2. What considerations should be made in this study for modelling the cost-effectiveness of integrated care for cardiovascular diseases, diabetes, or their multimorbidity in Kenya?
 1. [Probe] In light of Kenya's Universal health coverage targets, what **equity considerations** should be made when modelling the cost-effectiveness of integrated care interventions for cardiovascular diseases, diabetes, and multimorbidity?
3. Do you have any final comments on what we have discussed today?

Thank you for participating in this interview