Semi-Structured Interview Guide for Individuals with G6PD Deficiency Who Used Weekly Primaquine

Introduction

Establish rapport with the participant before starting the interview.

Domain 1: Access to and Receipt of Weekly Treatment

1. *Can you describe the process at the health facility for receiving your treatment?*

2. *Did you understand the moments when your finger was pricked during the consultation?*

3. *What did the health professional tell you after the tests were performed?*

4. *What instructions did you receive when you got your test results and the treatment you should follow?*

5. *During your consultation with the health professional, what information were you given about malaria treatment?*

6. *Were the explanations clear to you?*

7. *If there was something you did not understand, what was it? Why do you think it was unclear?*

Purpose:
To understand the patient's experience within the health service and the process leading to the initiation of treatment, including whether the G6PD test was perceived and understood.

Domain 2: G6PD Deficiency

8. *Do you remember if they explained why you would receive the weekly treatment?*

9. *Do you recall if they mentioned anything about G6PD or low activity of a certain substance in the blood? What did they tell you?*

10. *How did you feel when you received this diagnosis (G6PD deficiency)?*

11. *What guidance or instructions were you given about this diagnosis?*

Purpose:
To explore whether patients received and understood information regarding G6PD deficiency and how the diagnosis was communicated.

Domain 3: Experiences with Malaria and Treatment

12. *How many times have you had malaria and what were your experiences with the treatments?*

13. *What is your overall opinion about the most recent treatment you received?*

14. *Can you describe in detail what your experience with this last treatment was like?*

15. *During the treatment, how do you recognize when the malaria medication is causing unwanted effects?*

16. *How does the treatment fit into your daily routine? How do you organize yourself?*

17. *How do you manage the weekly medication schedule?*

18. *How do you feel about this weekly treatment? What impact did it have on your life?*

Purpose:
To understand patients' perceptions of weekly primaquine treatment, including facilitators, barriers, and its impact on daily life.

Domain 4: Signs of Hemolysis

19. *How does your body usually react to malaria, particularly in relation to urine changes?*

20. *How did your body react during previous malaria treatments?*

21. *How did your body react during the most recent treatment, especially regarding your urine? What did you think about that?*

22. *During previous treatments, when your urine became dark, what did you think it meant? How did you feel?*

23. *Did you ever seek medical care to investigate this? If so, what were you told?*

24. *Have you ever heard about severe anemia related to malaria treatment? Why do you think this can happen?*

Purpose:
To assess whether patients recognize signs suggestive of hemolysis and whether they perceive these signs as requiring medical attention.

Closing Question

25. *Is there anything that was not mentioned during the interview that you would like to add?*

Closing

Thank the participant and conclude the interview.