

Additional file 2. Semi-structured interview guide exploring perceptions, barriers, and communication strategies related to Plasmodium vivax treatment adherence

PATIENTS	
MALARIA EXPERIENCE	OBJECTIVE
• How many times have you had malaria? • What led you to seek care? • How was your experience receiving care?	To understand the participant's background and prior experience with malaria, and to establish rapport between the interviewer and the participant.
TREATMENT	OBJECTIVE
• Do you know why this treatment was prescribed? • What is your opinion about the medication? (e.g., taste, size, ease or difficulty of swallowing, number of pills) • How was the medication delivered to you? • What did you think of the envelope? • How did you feel about receiving this envelope? (Did anything change?) • What did you think about the information provided in it? (Were you given any explanation?) • Were you given any instructions on how to take and/or store the medication?	To assess the participant's knowledge of the treatment, their perceptions of the medication, and their overall experience.

• How did you usually store your medication? Did this change with the envelope? • Do you take the medication with any type of drink? (e.g., juice, coffee, vitamins, etc.) • Have there been cases of losing the medication? (If yes, were you given instructions on what to do?) • Do you think you should continue taking the medication after malaria symptoms disappear? • Do you know of any other malaria treatments besides the one prescribed to you? If yes, which do you prefer and why?	
FACTORS AFFECTING ADHERENCE	OBJECTIVE
• Is there any reason that would prevent you from taking the medication? (e.g., difficulties, adverse effects such as abdominal pain, vomiting, burning sensation) • Did you experience any side effects during the treatment? • Are there any difficulties related to the treatment duration (number of days)? • Are there any difficulties with the times you need to take the medication? • In your opinion, what could be improved in the treatment to help you complete it? (i.e., avoid treatment discontinuation) • Do you have any suggestions to improve the medication? (e.g., taste, size, duration of treatment)	To understand factors that may positively or negatively influence treatment adherence.
COMMUNICATION	OBJECTIVE

• Did you receive any messages after starting treatment? (e.g., WhatsApp or SMS) • What did you think about these messages? • Is there anything you think should be changed in the way they contacted you? • Were you given a phone number to contact them? • Do you have mobile network or phone signal in your area?	To understand how communication occurs between health services and patients, and whether there are factors that may negatively influence communication.
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HEALTHCARE PROFESSIONALS	
WORK EXPERIENCE	OBJECTIVE
• How long have you been working with malaria cases? • Have you ever had malaria? • How does the patient care flow work in this unit? • How many samples are collected here per day? • How are treatments distributed in this unit? • How does the logistics work from the moment the medication arrives until it is delivered to the patient? • What treatments are available in the unit? How do these treatments work? • Are there situations where medication is unavailable for patients in this unit? (If yes, what is done in these cases?) • In cases where patients lose their medication, what instructions are they given? • How many vehicles are available for professionals in this unit?	To understand the participant's background and prior experience with malaria, their work routine, and to establish rapport between the interviewer and the participant.

• In your opinion, what difficulties exist in this municipality that may lead patients to interrupt treatment? • Do you think that all patients who receive malaria treatment complete it? • What reasons do you think lead patients to abandon treatment? • What is your opinion about the medication? (e.g., taste, size, issues with the drug) • Have you heard complaints from patients about the medication (e.g., taste, size, or related issues)? • Is there anything you think could be improved in the medication?	
COMMUNICATION	OBJECTIVE
• How does communication between healthcare professionals and patients work in this setting? • Do you usually contact patients before conducting a face-to-face visit? If yes, how? • How do patients contact the health unit when they cannot come in person? • Do patients usually contact you via internet-based platforms (e.g., WhatsApp)?	To understand how communication occurs between patients and healthcare professionals and whether there are barriers affecting this interaction.