

# ADHERENCE TO TREATMENT IN PATIENTS WITH MALARIA AT SANGGENG PUSKESMAS, MANOKWARI, WEST PAPUA

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## ABSTRACT

**Background:** Manokwari is an endemic malaria area. Health workers confirm malaria diagnosis through microscopic examination, which is the gold standard for malaria infection. Monitoring patients taking drugs until they run out needs to be done so that plasmodium resistance to malaria drugs does not occur. This study aimed to analyze the compliance of anti-malaria treatment among malaria patients.

**Subjects and Method:** This was a qualitative descriptive study conducted in Sanggeng, Manokwari, West Papua, from November to December 2019. A total sample of 35 malaria patients in the health center. The dependent variable was adherence to taking malaria medication. The patient's medication adherence was seen from the examination of the preparations and the patient's follow-up. The data was collected by interview and microscopic examination. The research instrument used a malaria card and a medication adherence questionnaire. The data were analyzed descriptively.

**Results:** The patient's medication adherence were followed up and evaluated on days 4, 7, 14, 21, and 28. A total of 28 (80%) patients were positively diagnosed with *Plasmodium vivax*. Twenty-three patients came on day 4, 7 patients came on day 14, and 1 patient came on day 21.

**Conclusion:** Most malaria patients are disobedient to follow anti-malaria treatment at health facilities.

**Keywords:** malaria, microscopic examination, anti-malarial drugs, adherence

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