

28/10 MEDICAL TP

INFECTION RATE OF MALARIA AMONG PATIENTS ATTENDING MACHAKOS  
DISTRICT HOSPITAL.

THE KENYA POLYTECHNIC UNIVERSITY COLLEGE

PRESENTED BY : HELLEN MUTHEU

COLLEGE NUMBER : 107/08047

CLASS : HS306107

SUBMITTED TO : KENYA POLYTECHNIC UNIVERSITY COLLEGE

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## ABSTRACT

The research study was carried out to determine the prevalence of malaria among patients attending Machakos District Hospital in the year 2010. The study took four months as from January to April 2010. This was done by collecting blood samples from patients with malaria symptoms. A total of 500 patients were tested for malaria 330 of whom turned positive for the malaria. The most affected population are residents from Masii, of all the sexes, females were most affected by the disease taking 69.7%. Of all ages children under five years were at high risks i.e they have the highest prevalence. Malaria transmission at this area was at peak in the month of April when the number of positive cases inclined as compared to January. Following the seriousness of the disease it's recommendable for the government to supply the most effective antimalaria drugs such as E-al since most of the patients have become resistant to quinine, and also supply quality diagnostic equipment in labs of all levels including the dispensaries in order to have quality treatment.