

GAMBARAN PENYAKIT MALARIA PADA PASIEN DI RSUD JAYAPURA PERIODE 2020-2021

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ABSTRAK

Pendahuluan: Malaria adalah penyakit infeksi yang disebabkan oleh parasit *Plasmodium* yang dapat ditandai dengan demam, hepatosplenomegali dan anemia. *Plasmodium* hidup dan berkembang biak dalam sel darah merah manusia. Penelitian ini bertujuan untuk mengetahui gambaran penyakit malaria pada pasien di RSUD Jayapura periode 2020-2021.

Metode: Jenis penelitian ini adalah kuantitatif. Penelitian ini menggunakan desain penelitian *cross sectional*. Sampel pada penelitian ini adalah data sekunder sebanyak 425 pasien malaria dianalisis dengan uji deskriptif.

Hasil: Hasil penelitian ini didapatkan pasien malaria berdasarkan jenis kelamin laki-laki sebanyak 289(68%), perempuan sebanyak 136(32%), berdasarkan usia 0-19 tahun sebanyak 151(35%), usia 20-49 tahun sebanyak 219(51%), usian >50 tahun sebanyak 55(13%), berdasarkan status pekerjaan belum bekerja sebanyak 76(17,9%), pelajar sebanyak 68(16%), mahasiswa sebanyak 45(10,6%), ibu rumah tangga sebanyak 23(5,4%), nelayan sebanyak 1(0,2%), petani sebanyak 16(3,8%), pedagang sebanyak 5(1,2%), PNS sebanyak 8(1,9%), swasta sebanyak 183(43,1%), berdasarkan status infeksi *Plasmodium falciparum* sebanyak 241(56,8%), *Plasmodium vivax* sebanyak 102(24%), *Plasmodium malariae* sebanyak 13(3,1%), *Plasmodium ovale* sebanyak 1(0,2%), *Plasmodium knowlesi* sebanyak 2(0,4%), dan infeksi kombinasi parasit sebanyak 66(15.5%).

Kesimpulan: Kesimpulan penelitian ini adalah angka kejadian malaria pada pasien di RSUD Jayapura periode 2020-2021 tergolong tinggi.

Kata Kunci : Malaria, *Plasmodium*, RSUD Jayapura.

OVERVIEW OF MALARIA IN PATIENTS AT JAYAPURA HOSPITAL FOR THE 2020-2021 PERIOD

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ABSTRACT

Introduction: Malaria is an infectious disease caused by *Plasmodium* parasites which can be characterized by fever, hepatosplenomegaly and anemia. *Plasmodium* lives and reproduces in human red blood cells. This study aims to determine the description of malaria in patients at Jayapura Hospital for the 2020-2021 period. This type of research is quantitative.

Methods: This study used a cross sectional research design. The sample in this study was secondary data as many as 425 malaria patients were analyzed using a descriptive test.

Results: The results of this study found that malaria patients based on gender were 289 (68%) male, 136 (32%) female, 151 (35%) aged 0-19 years, 219 (51%) aged 20-49 years, age >50 years as many as 55(13%), based on employment status not yet working as many as 76(17.9%), students as many as 68(16%), students as many as 45(10.6%), housewives as many as 23 (5.4%), fishermen 1(0.2%), farmers 16(3.8%), traders 5(1.2%), PNS 8(1.9%), private 183(43.1%), based on *Plasmodium falciparum* infection status 241(56.8%), *Plasmodium vivax* 102(24%), *Plasmodium malariae* 13(3.1%), *Plasmodium ovale* 1(0, 2%), *Plasmodium knowlesi* as many as 2 (0.4%), and combination parasite infections as much as 66 (15.5%).

Conclusion: The conclusion of this study is that the incidence of malaria in patients at Jayapura Hospital for the 2020-2021 period is relatively high.

Keyword : Malaria, *Plasmodium*, Jayapura Hospital