Parasitological Examination of Imported and Indigenous Malaria in Tegalombo Community Health Center, Pacitan District, East Jawa Province

Abstrak:

The district of Pacitan is one of malaria hypoendemic areas in East Jawa Province. The people of Pacitan District are accustomed to work in outer Jawa islands temporary for three months period. They go in a good health to Papua, Sulawesi, Kalimantan, and Maluku islands, but often come back to Pacitan District are infected with malaria parasites (imported malaria). On the other hand, the people who do not go to outside Pacitan District have also been infected with malaria parasites (indigenous malaria). During the period of August 2009, the microscopy examination has been done on the thick blood films of the malaria infected travelers hospitalized at the Community Health Center (Puskesmas) of Tegalombo Subdistrict, in Pacitan District. The parasite species of the total number of 26 patients hospitalized in Tegalombo Community Health Center, 22 patients (84.6%) were imported malaria and 4 patients (15.4%) were indigenous malaria. Almost all imported malaria cases were male (95.45%) aged 18-40 years old, there was only one female worker (4.54%) aged 30 years old. Indigenous malaria were found in 2 males (50%) including one kid aged 6 years old and a man aged 17 years old, and 2 females (50%) aged 30 and 35 years old.

Keyword:

imported malaria, indigenous malaria

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