

TWOP

World Malaria Day 2021

Globally United
April 25th

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What Is Malaria?

Malaria could be a preventable and treatable communicable disease transmitted by mosquitoes that kill quite a million individuals annually, most of them in sub-Saharan Africa, whereas malaria is the leading cause of death for youngsters below five. As a result, malaria is a global emergency that affects mostly poor women and children, malaria perpetuates a vicious cycle of poverty in the developing world. Malaria related-illnesses and mortality cost Africa's economy alone \$12 billion annually. However, by 2020, world estimates indicate that \$6.4 billion would be required annually to totally fund the fight against malaria.



Prevalence of Malaria

Malaria transmission continues to have an effect on 89 countries and territories around the world, inflicting an amazing burden on countries in sub-Saharan Africa. Nearly 300 million individuals in sub-Saharan Africa still lack access to a protective insecticide-treated net, and at least 15 million pregnant ladies don't receive the protective treatment they need to make themselves and their unborn child healthy.



Effect of Untreated Malaria

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If treated, there aren't sometimes semi-permanent effects of malaria. However, semi-permanent neurological effects could occur in cases of maximum cerebral malaria and their is square measure forms of malaria that may leave dormant life stages undetected within the liver, that may cause a relapse. But, for the most part, there are not any semi-permanent effects of malaria if a patient receives correct treatment



Ocular Complications of Malaria

Cerebral malaria — a severe complication of malaria during which the *Plasmodium falciparum* parasite infects capillaries that flow through the tissues of the brain

The pathological process of malarial retinopathy is believed to be associated with that of cerebral malaria,

Signs:

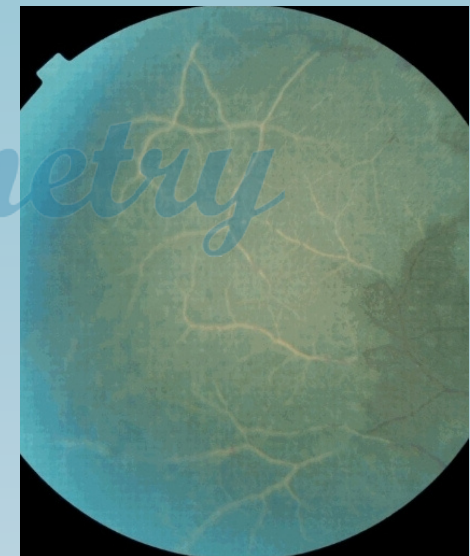
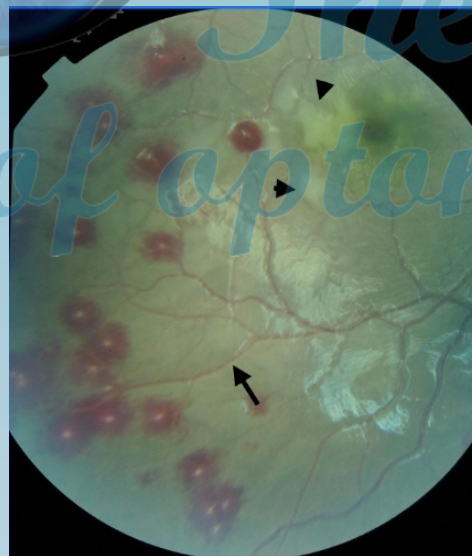
Retinal change of color

Vessel discoloration

Retinal hemorrhages

Optic disc edema

Patients square measures typically noted to have nystagmus, wandering eye movements, and CME.



Treatment Options

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Treatment needs systemic anti-malarial therapy guided by native anti-malarial sensitivity and resistance patterns. No treatment for the retinopathy itself has been delineated so far



Regular Eye Examinations

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It is vital to go for regular eye examinations for your optometrist to sight warning signs that may enable early treatments to be administered.

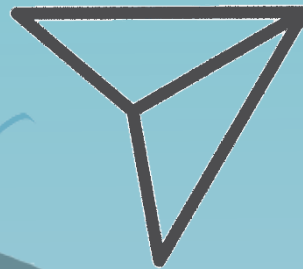




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