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Media alert from the Media Scanning & Verification Cell, IDSP-NCDC.

Alert ID	Publication Date	Reporting Date	Place Name	News Source/Publication Language
5511	29.08.2019	03.09.2019	Bareilly Uttar Pradesh	www.timesofindia.com/English https://timesofindia.indiatimes.com/city/bareilly/30-persons-infected-with-two-types-of-malaria-simultaneously-this-year/articleshow/70883152.cms
Title:	30 persons infected with two types of malaria simultaneously this year in district Bareilly, Uttar Pradesh			
Action By CSU, IDSP -NCDC	Information communicated to DSU- Bareilly, SSU-Uttar Pradesh			

At least 30 persons were found to be infected with both the 'killer' malaria strain of plasmodium falciparum (PF) and the more common plasmodium vivax (PV) malaria at the same time this year.

Officials said that these individuals were infected with two types of malaria simultaneously after they were bitten by mosquitoes carrying both the parasites. The treatment of such patients is different as they are given a combination of drugs to treat both PF and PV.

According to latest data compiled by health department, around 700 cases of PF and 18,400 cases of PV malaria have been detected in Bareilly district from January 1 to August 20 this year. Apart from this, around 30 persons were found to be infected with both PF and PV at the same time.

District malaria officer, D R Singh, said on Wednesday, "When we conducted rapid diagnostic tests on such persons, they were tested positive for both PF and PV malaria. Such cases are rare. It can be caused if they are bitten by two mosquitoes

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**Integrated Disease Surveillance Programme (IDSP), National Centre for Disease Control,
Ministry Of Health & Family Welfare, Government of India**

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carrying different parasites. Even multiple bites of one mosquito can lead to both PF and PV malaria to the same person. For instance, a mosquito carrying PV parasite bit one person who was already infected with PF. The mosquito will now carry both PF and PV parasite and if it bites a second person, the patient will be diagnosed with both kinds of malaria."

The treatment for PF malaria usually requires three days while PV takes at least 15 days. However, when a person is diagnosed with two strains of malaria, a combination of drugs is provided to the patient for a period of 14 days.

During last year's malaria outbreak in Bareilly district, a total of 17,425 patients were tested positive for PF malaria and 20,057 were detected with PV malaria. Even then, 1,849 people were found to be infected with both PF and PV.

Officials said a total of 18,400 PV and 700 PF cases were reported from January 1 to August 20 this year – and at least 198 cases were of pregnant women. Senior officials said such women detected with malaria have to go treatment in two rounds - during pregnancy and post-delivery.

Moreover, the malaria cases are on the rise in the district. At PV malaria ward of district hospital, 12 patients are admitted on 10 beds.

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