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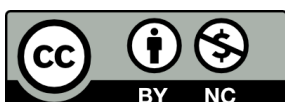
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## Diseases named after places

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1. This flu-like disease is caused by viruses identified in mosquitoes on a river in Queensland, Australia in 1960. The disease is accompanied by polyarthritis and a rash. The virus is endemic to mainland Australia, New Guinea, Fiji and several other islands in the South Pacific. The virus/disease is named after this river where these mosquitoes were caught. Can you name the river or the disease?
2. In 1947, scientists isolated a novel virus in a sick rhesus monkey in a forest near Lake Victoria in Uganda during a study of yellow fever. The disease is mostly transmitted by the bite of Aedes mosquitoes, but transmission of sexual contact, blood transfusion, organ transplantation, and maternal-fetal vertical transmission. Infection with the virus during pregnancy is the cause of a variety of congenital disabilities, including microcephaly and other brain abnormalities. Name the forest or the disease.
3. This disease caused by the spiral-shaped bacteria most commonly spread by a tick bite. The disease was first identified from a small rural community, Connecticut, in the United States in 1975. The first sign of the disease is often an expanding round or oval red "bullseye" rash. If left untreated, people may develop neurological symptoms and heart problems, and have an approximately 60 percent chance of developing arthritis. Name the disease.
4. This virus got its name from a river, a tributary of the Congo River, where the first outbreak emerged in 1976 in the village of Yambuku, near this river, in the Democratic Republic of the Congo. In July 2019, the WHO declared this hemorrhagic fever outbreak a world health emergency. Can you name the disease?
5. This disease is named after the mountains in western North America made famous by a John Denver song. This tick borne bacterial infection is characterised by sudden fever, headache, muscle pain and rash, causing death in upto 5% of infected patients even with advanced treatment. Name the mountain range or the disease.
6. This disease is named after the name of a Danish island in the Baltic sea, where one of the first outbreaks was described. In 1933, Danish physician Ejnar Sylvest documented an epidemic of the disease on the island, in his doctoral thesis. The disease is also called **devil's grip** due to the severe, gripping chest pain it causes. Name the island or the disease.
7. Although currently associated with various outbreaks across Bangladesh and India, the virus was first identified from a village in a South East Asian country, during an outbreak in 1998-1999. The initial cases of infection were linked to pig farmers who had close contact with infected animals, leading to severe neurological symptoms and fatalities among humans. Can you name the virus or the country.
8. During the Crimean war, British medical officers on this island noticed a disease characterized by sweating, joint and muscle pains, and a fluctuating fever. In 1887, Scottish microbiologist David Bruce (1855-1931) linked the disease to an organism, half of whose genus name is derived from the name of the microbiologist, the species name reflects the tendency of the disease to cause abortions in cattle. Can you name the island or the organism causing the disease?



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9. This disease, first reported in Saudi Arabia in 2012, is a viral disease of the respiratory tract causing cough, fever, dyspnea, and sometimes death. The intriguing aspect of the disease is the likely connection to camels. The causative virus has been found in camels, and some patients with the disease have told of contact with camels. Name the disease.
10. This form of acute systemic schistosomiasis caused by parasitic worms, leading to symptoms such as fever and rash. The disease is associated with a river valley in an Asian country, from where it was first reported. Name the valley and the country.

- Answers
1. Ross river, Ross River Fever.
  2. Zika river, Zika virus disease.
  3. Lyme disease.
  4. Ebola fever.
  5. Rocky mountains, Rocky mountain spotted fever.
  6. Bornholm island, Bornholm disease or epidemic pleurodynia.
  7. Nipah, Malayasia.
  8. Malta, Brucella abortus.
  9. Middle East Respiratory Syndrome (MERS).
  10. Katayama river valley, Japan.

