

Current Diseases Within Peru

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Zika Virus

The Zika virus is affiliated with the Flaviviridae family and is transmitted to humans by MOSQUITOES.

Zika Virus is not carried by all mosquitoes. It is primarily transferred through the bite of the Aedes species of mosquitos. These particular mosquitos also spread dengue and Chikungunya virus.



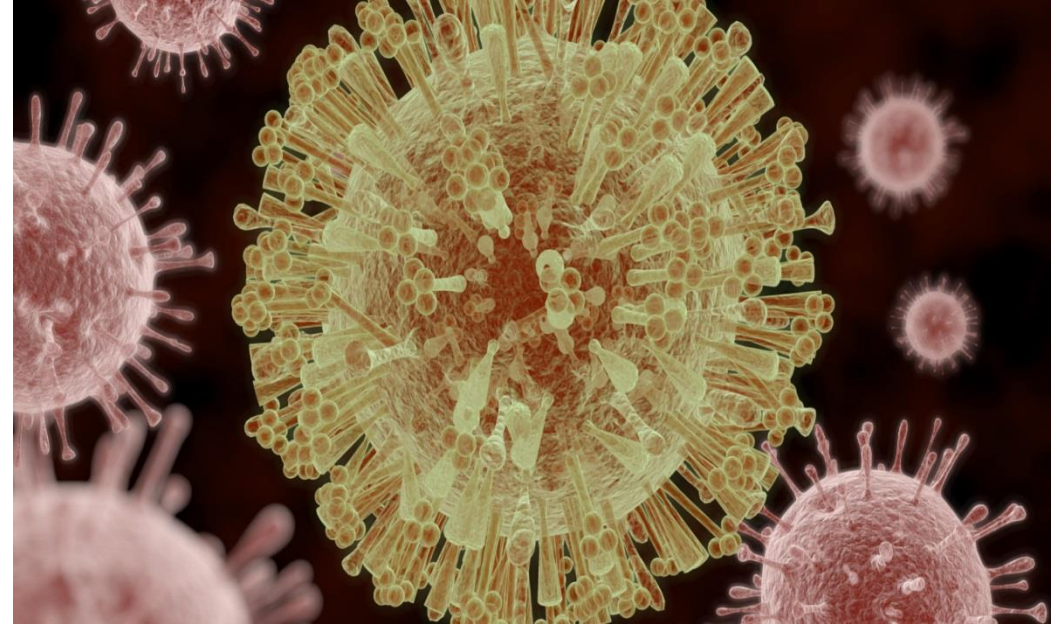
Zika Virus Cont.

SYMPTOMS & TREATMENTS

- Usually people infected with Zika virus don't know they have the . The most common symptoms of Zika are fever, rash, joint pain, or conjunctivitis (red eyes). Other common symptoms include muscle pain and headache.
- There are no known vaccines for the Zika Virus, However it is suggested to get plenty of rest, drink fluids, and take antibiotics.

Chikungunya

- Chikungunya virus is also transmitted to people by mosquitoes.
- The virus was only found in Africa, Asia and India initially but over time it has spread to the Europe and the Americas.
- People generally recover fully with this virus therefore it is not Lethal.



Chikungunya Cont.

SYMPTOMS & TREATMENTS

- The most common symptoms of Chikungunya virus infection are fever and joint pain. Other symptoms may include headache, muscle pain, joint swelling, or rash.
- Just like with the Zika Virus there is no current vaccine but to prevent bites residents and or travelers can protect themselves by using insect repellent, wearing long sleeves and pants, and staying in places with air conditioning.

Guillan Barre Syndrome

- Guillain-Barré syndrome is a disorder that causes the body's immune system to attack part of the peripheral nervous system. It is a rare, however, serious autoimmune disorder
- This is a rare disorder of the nervous system that may affect between 40 and 80 New Zealanders each year and it can be fatal.



Guillan Barre Syndrome Cont.

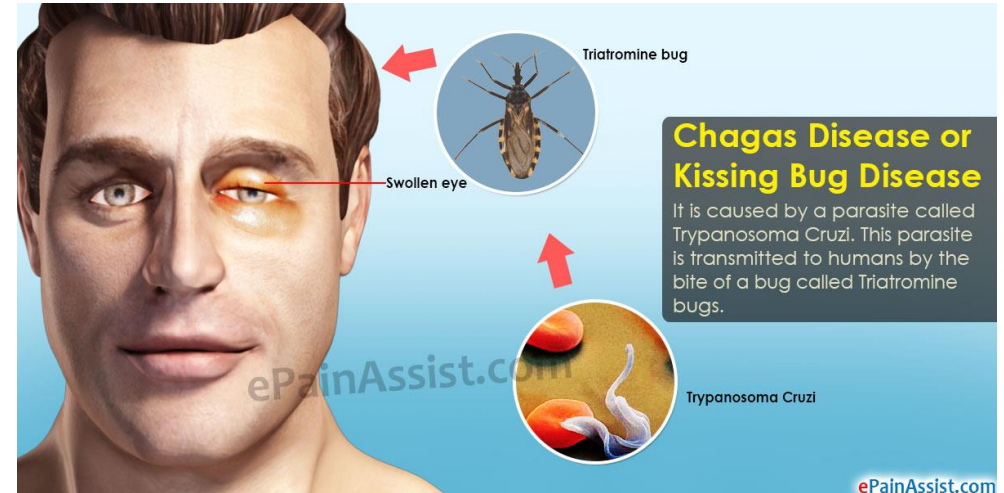
SYMPTOMS & TREATMENTS

- The first symptoms of this disorder include various levels of weakness or tingling sensations in the legs. The weakness and sensations spread to the arms and upper body in many cases.
- There are cases where one could become almost totally paralyzed. In these cases, the disorder is life-threatening and is considered a medical emergency.



Chaga Virus

- The Chaga virus is another disease that is transmitted by an insect. This particular insect is commonly called the “kissing bug”.
- Chagas disease is caused by the parasite *Trypanosoma cruzi*. The insect that the Chaga virus is transmitted by is only found in the Americas. Chagas disease is also known as American trypanosomiasis.
- The bugs are found in houses made from mud, adobe, straw, and palm thatch. They tend to hide in crevices in the walls and roofs.



Chaga Virus Cont.

SYMPTOMS & TREATMENTS

- Mild symptoms of Chaga disease includes fever, rash, headaches, etc.
- Chronic symptoms of Chagas disease may be irregular heartbeats, EKG changes, palpitations, fainting, cardiomyopathy, congestive heart failure, shortness of breath, emphysema, and stroke.
- There is not a treatment thus far for this disease either however it is suggested that homes should be built with different a material as opposed to the straw and or mud that attracts these insects.



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