

# WESTERN EQUINE ENCEPHALITIS

## DEFINITION

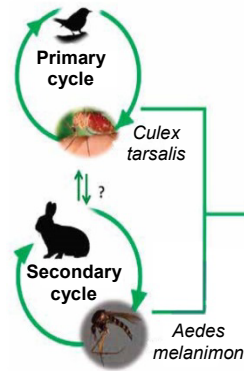
It is a viral bird infection transmitted through mosquitoes that sporadically affects horses and humans, among other mammals.

## TRANSMISSION

Passeriform birds are the main reservoirs of the virus and the *Culex tarsalis* mosquitoes are its most important vectors. In nature the virus is in a cycle that involves the transmission to birds from mosquitoes and, if the weather conditions are favorable for their reproduction, they can propagate the virus to equines and other incidental hosts such as humans.

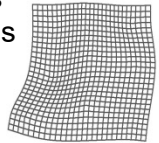
## TREATMENT

There is no treatment.



## PREVENTION MEASURES

- Movement control of equines to and from the infected areas
- Mosquito control through the installation of mosquito mesh in the stables
- Application of insect repellent in and fumigation of horse stables



## INCUBATION PERIOD

Animals show the first clinical signs between 5 and 14 days after being infected.

## CLINICAL SIGNS

- Fever
- Somnolence
- Anorexia
- Lameness
- Depression
- Loss of vision
- Involuntary muscle movements
- Aimless wandering
- Pressing the head against objects
- Walking in circles
- Paralysis
- Prostration and kicking
- Convulsions
- Death

## REPORT ANY SUSPICIOUS CASE

Emergency phone 24 hours a day/365 days a year:  
01 (800) 751 2100  
Monday-Friday: 01(55)59051000 Ext. 51236, 51242 and 51243  
E-mail: sive.dgsa@senasica.gob.mx  
gestioncpa.dgsa@senasica.gob.mx

**ATTENTION IS FREE**

You can submit your report in any SADER or SENASICA office or at the Regional Coordination Offices of the CPA closest to your community.

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