SLEEPING SICKNESS

called sleeping sickness, are viral infections that appears only in the east and southeast. VEE, the affect the horse's central nervous system. WEE has VEE have occurred in Mexico. Encephalomyelitis is States for many years. However, recent outbreaks of been noted throughout North America, while EEE alive during cold seasons of the year when insects are also become infected but do not develop the disease. mosquitoes. Wild animals, such as birds and rodents, not prevalent. Because of this cycle in nature (from transmitted to horses by biting insects, primarily Venezuelan variety, has not been seen in the United sleeping sickness are both seasonal and geographic, wild animals to mosquitoes to horses), outbreaks of These reservoir hosts do, however, keep the virus areas where mosquitoes and reservoir hosts are tending to occur during the summer in warm, moist Eastern and western encephalomyelitis, also

mitted to horses or people, but cannot be spread from they are bitten by mosquitoes which transmit the horse to horse or horse to people. virus in their salivary glands. The virus can be trans-Humans can also develop encephalomyelitis if

Clinical Signs

stage. However, EEE is more likely to progress to Many cases of WEE do not progress beyond this sient fever and depression, lasting up to five days. mild that they go unnoticed, and may include trandepression and sleepiness to aggression and agitacentral nervous signs, which may progress from tion. Late in the disease affected horses may develop and tongue. Terminal horses will usually be down ing face and leg muscles, and paralysis of the throat blindness, head pressing, circling, head tilt, quiverin 75 - 80% or horses that develop neurologic signs, for several The early clinical signs of EEE and WEE may be so before dying. Death from EEE occurs

> and in 15-30% of those with WEE. Survivors show plete recovery is rare. Horses that recover from sleepgradual improvement over weeks to months, but comabnormal behavior, and difficulty in walking. ing sickness often continue to show depression,

Diagnosis

signs and the occurrence of an epidemiologic pattern and spinal cord. logic testing and postmortem examination of the brain diagnosis is confirmed by paired-sample blood serothat relates to warm weather and mosquitoes. The Diagnosis of EEE and WEE is based on the clinical

antibiotics to treat secondary complications such as However, supportive care is essential. Anti-inflammatory and anticonvulsant drugs may be used, along with There is no specific treatment for viral encephalomyelitis.

> pneumonia. Intravenous or oral fluational supplebe beneficial slinging or propping up with bales of hay may nutrition. Heavy bedding materials, along with mental feeding help prevent dehydration and malhead and leg wraps, help protect against injury from falls or convulsions. If the animal goes down,

year-round, vaccines may need to be given twice a areas where the mosquito season is very long or EEE and WEE before mosquito season begins. In around pastures and stables should be undertaken year. Pregnant mares can be vaccinated during the mals from insect bites. tion, mosquito control and reduction of wildlife levels in their colostrum. In addition to vaccinalast 4-6 weeks of pregnancy to increase antibody During outbreaks, screened stalls help protect ani Horses should be vaccinated annually against



EQUINE VETERINARIAN GET TO KNOW AN

veterinarians is the American Association of Equine equine medicine. The professional organization of these same bond of caring that led them to choose the field of affection that exists between you and your horse. It is the improve the health and welfare of the horse. Practitioners (AAEP), and a vital part of their mission is to Equine veterinarians understand the special bond of An equine veterinarian offers the best professional care of

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the type and age of your horse

 the work, competition or pleasure activities of your horse

the health history of your horse

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An equine veterinarian is your horse's best cond