

# OTHER TICK-BORNE DISEASES

## TICK BITE PARALYSIS: Progressive, ascending motor weakness

Occurrence: Most frequently seen in northwest United States and western Canada

Symptoms: Paralysis in extremities, extending to face, tongue, pharynx

Treatment: Tick removal results in complete remission of all symptoms in 24-72 hours

## ROCKY MOUNTAIN SPOTTED FEVER: a Febrile disease

Occurrence: Parts of pacific coast, eastern United States, Texas, Oklahoma, Arkansas

Symptoms: Sudden onset of chills, fever, headache, bloodshot eyes, rash

Treatment: Tetracycline and chloramphenicol

## Q FEVER: Also known as Nine Mile Fever

Occurrence: Reported from all continents. Outbreaks occur among stockyard workers in Australia and United States, laboratory workers, veterinarians and farmers

Treatment: Early vaccination of persons exposed to infection

## TULAREMIA: Plague-like disease of rabbits/rodents transmissible to humans

Occurrence: Has occurred in virtually every state

Symptoms: Chills, fever, prostration, ulcer at bite site, tender swollen lymph nodes

Treatment: Vaccine, streptomycin

## TICK-BORNE RELAPSING FEVER: Causes periods of intermittent fever

Occurrence: Occurs on every continent with possible exception of Australia

Symptoms: Periods of fever lasting 2-9 days alternate with afebrile periods of 2-4 days

Treatment: Penicillin & tetracycline has no apparent effect on course of illness

## COLORADO TICK FEVER: Viral disease of short duration

Occurrence: Western Canada, Washington, Oregon, Idaho, Montana, California, Nevada, Utah, Wyoming, Colorado, South Dakota

Symptoms: Sudden onset, headache, muscular pain, intermittent fever, reduction of white blood cells

Treatment: In clinical cases treatment is symptomatic

## HUMAN BABESIOSIS: Affects those with spleens surgically removed

Occurrence: Most north American cases were acquired on several islands off the coast of New England

Symptoms: Fatigue, chills, fever, muscle pain, anemia

## EHRlichiosis: Potentially deadly bacterial disease affects blood cells

Symptoms: Fever, headache, muscle pain, nausea, low white blood cell count, poor liver function. Can cause death

Treatment: Tetracycline