

**Table 1. Clinical characteristics of unusual diseases in animals.**

<b>DISEASE</b>	<b>DISTRIBUTION IN CALIFORNIA</b>	<b>ROUTE OF TRANSMISSION</b>	<b>SPECIES</b>	<b>SUSCEPTIBILITY</b>	<b>SYMPTOMS</b>	<b>TREATMENT</b>	<b>PREVENTION &amp; CONTROL</b>
Anthrax ( <i>Bacillus anthracis</i> )	Areas with alkaline soil and usually a previous occurrence (rare, sporadic)	Inhalation, ingestion, broken skin	Cattle, sheep, horses, goats, deer, other herbivores  Pigs, dogs, cats	High  Low	<b>Peracute:</b> sudden death, bloody discharge from orifices <b>Acute:</b> fever, enteritis, throat swelling <b>Subacute/chronic:</b> intestinal or pharyngeal lymphadenopathy	Penicillin Oxytetracycline	Vaccinate cattle in endemic regions
Botulism ( <i>Clostridium botulinum</i> )	Spores widespread, disease rare  (outbreaks in waterfowl, horses, cattle reported)	Ingestion of preformed toxin	Waterfowl  Cattle, horses  Dogs, cats	High High Unknown	Cranial nerve deficits, progressive weakness, paralysis, death	Botulism antitoxin (not readily available)	Do not feed spoiled silage, prevent ingestion of decaying carcasses
Brucellosis ( <i>Brucella abortus</i> )	Not present	Direct contact with infected animals or their milk, aborted fetus, or placenta	Cattle, bison  Goats, sheep  Horse	High  Medium  Low	<b>Ruminants</b> - Abortion, weak young, vaginal discharges, reduced fertility, retained afterbirth, uterine infections, lameness  <b>Horse</b> – fistulous withers	Oxytetracycline minimally effective	Test and slaughter
Plague ( <i>Yersinia pestis</i> )	Mountains, foothills, coastal regions	Flea bite, ingestion of infected prey	Wild rodent  Cats  Dogs	High  Medium  Low	<b>Bubonic:</b> fever, enlarged and/or abscessed, draining lymph nodes/buboes <b>Septicemic:</b> fever, shock, death, +/- buboes <b>Pneumonic</b> (rare)	Doxycycline Fluoroquinolones Streptomycin Gentamycin	Flea control Avoid contact between pets and wildlife
Tularemia ( <i>Francisella tularensis</i> )	Widespread (sporadic)	Direct contact or ingestion of infected tissues, bites of ticks, deer flies, other arthropods	Wild rabbits, hares, rodents  Cats, dogs	High  Medium	Fever, lymphadenopathy, death	Doxycycline Streptomycin Gentamicin,	Ectoparasite control Avoid contact between pets and wildlife