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Introduction

This notebook was designed as a starting reference point for information needed on infectious diseases which affect zoo and wild animal species housed or free-ranging in North America. It is complementary to a similar volume (4th edition) developed for infectious diseases which affected zoo and wild animal species housed or free-ranging in Europe. These volumes are dynamic and have routine updates processed every 18-24 months to maintain their currency of information; dates are annotated to each sheet.

Although these documents were peer-reviewed, often by a topic expert, they are not intended to be used as an exclusive information source. Rather, they provide a quick focus on specialists, diagnostics, laboratories, and treatment recommendations to the clinician, pathologist or wildlife biologist faced with an infectious disease situation.

Summarized state regulations for infectious disease concerns are provided and include reminders for reportable situations. State veterinary authorities were encouraged to be reviewers for their geographic area. Additionally, CDs will be provided to the state health authorities and USDA AVICs; this shared information is hoped to give them a common point of communication with those of us on the front lines of these infectious diseases. It is important to remember that our fact sheets are not to replace state or federal regulations. As such, they are not legally enforceable documents or required standards of care.

From the editors:

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Mexican Association of Conservation Medicine (**MACM**)
National Animal Disease Center (**NADC**)
National Veterinary Services Laboratory (**NVSL**)
United States Department of Agriculture – Animal, Plant and Health Inspection Services (**USDA-APHIS**)
United States Department of Agriculture – Animal Research Services (**USDA-ARS**)
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.....and 31 colleges and universities as well as numerous private practitioners and institutions.

We really appreciate your contributions,

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West Virginia
Wisconsin

Wyoming

Canada

Mexico

Transmissible Disease Fact Sheets

(alphabetical):

Acanthamoebiasis

Acanthocephalan Infections

Actinobacillus (Wooden Tongue)

Actinomycosis (Lumpy Jaw)

Adenoviruses
Aeromonas infections (Red Leg)
African Horse Sickness
African Swine Fever
Aleutian Disease (ADV)
Anaplasmosis
Anatrichosomiasis
Anthrax
Aspergillosis
Atypical Mycobacteria
Avian Influenza
Avian Mycobacteriosis
Avian Pox
Babesiosis
Baylisascaris
Bertiellosis
Blastomycosis
Bluetongue (EHD)
Bordetellosis
Botulism
Bovine Brucellosis
Bovine Viral Diarrhea (BVD)
Callitrichid Hepatitis (Lymphocytic Choremningitis Virus)
Campylobacteriosis
Canine Distemper
CANV
Caprine Infectious Arthritis-Encephalitis (CAE)
Chlamydiosis
Chlamydia Abortus (Enzootic Abortion)
Chronic Wasting Disease (CWD)
Chytridiomycosis
Classic Swine Fever (CSF)
Coccidioidomycosis
Contagious Bovine Pleuropneumonia (CBPP)
Contagious Ecthyma (ORF)
Cowpox
Cryptococcosis
Cryptosporidiosis
Cytomegalovirus
Dirofilaria immitis (Heartworm)
Duck viral enteritis (Duck Plague)
E. coli 0157 infection
Eastern Equine Encephalitis (EEE)
Ebola/Reston Viruses
Echinococcosis
Edwardsiellosis

Ehrlichiosis
Encephalomyocarditis (EMC) Viral Disease
Endotheliotropic Elephant Herpesvirus
Epstein-Barr (EBV)
Equine Infectious Anemia (EIA)
Erysipelas
Feline Calicivirus
Feline Immunodeficiency Virus (FIV)
Feline Infectious Peritonitis (FIP)
Feline Leukemia Virus (FeLV)
Fibropapillomatosis-Associated Herpesvirus (FPHV)
Foot and Mouth Disease
Giardiasis
Glanders
Hantavirus
Heartwater Disease
Helminths of Ungulates
Hemobartonellosis
Hepatitis A
Hepatitis B
Herpes B
Herpesvirus Hominus and Herpesvirus Simplex (Types 1 and 2)
Herpesvirus Tamarinus
Histoplasmosis
Human Metapneumovirus (hMPV)
Human/Simian Varicella
Inclusion Body Disease (IBD)
Infectious Bovine Rhinotracheitis (IBR)
Infectious Hematopoietic Necrosis
Klebsiellosis
Kyanasur Forest Disease
Leprosy
Leptospirosis (including primates)
Listeriosis
Lumpy Skin Disease (LSD)
Lung Mites Infection
Lyme Disease
Macropod Herpesvirus
Malignant Catarrhal Fever (MCF)
Marburg Viral Disease
Marine Mammal Brucellosis
Measles (Minia) Virus
Meliodosis
Monkeypox
MRSA
Mycobacteriosis in Fish

Mycoplasmosis
Newcastle Disease
Oesophagostomiasis
Ophidian Paramyxovirus Infection
Oxyuriasis
Pacheco's Disease
Panleukopenia
Paralaphostrongylus Tenuis
Paratuberculosis (Johne's Disease)
Parvovirus
Pasteurellosis
Peste de Petits Ruminants (PPR) or Goat Plague
Phocid Distemper
Plasmodium (Malaria)
Pneumococcosis
Pneumocystosis
Poliomyelitis
Porcine Brucellosis (Brucella Suis)
Pseudotuberculosis
Psittacine Beak and Feather Disease
Pythiosis
Q Fever
Rabbit Hemorrhagic Disease
Rabies
Ranavirus
Respiratory Syncytial Virus/Chimpanzee Coryza
Rhinotracheitis
Rift Valley Fever
Salmonellosis
Schistosomiasis
Screwworm, New World and Old World
Sheep and Goat Pox
Shigellosis
Simian Agent 8 (SA 8)
Simian Foamy Virus (SFV)
Simian Hemorrhagic Fever (SHF)
Simian Immunodeficiency Virus (SIV)
Simian Retroviruses (SRV)
Simian T-Leukotropic Viruses (STLV)
Spiruroidosis
Spring Viremia of Carp
Staphylococcosis
St. Louis Encephalitis (SLE)
Streptococcus Group C
Strongyloidosis
Swine Vesicular Disease (and Calicivirus of Sea Lions)

Tanapox
Tetanus
Toxoplasmosis
Trichostrongylosis
Tuberculosis in Elephants
Tuberculosis in Non-human primates
Tuberculosis in Ungulates
Tuleremia
Ulcerative Stomatitis
Vesicular Exanthema of Swine
Vesicular Stomatitis
Vibriosis
Visceral Leishmaniasis (VL)
West Nile
Western Equine Encephalitis
White Nose Syndrome
Yaba
Yellow Fever
Yersiniosis

Transmissible Disease Fact Sheets
(by classification):

Autoimmune (recently classified)

Ulcerative Stomatitis

Bacterial

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Actinomycosis (Lumpy Jaw)
Aeromonas infections (Red Leg)
Anaplasmosis
Anthrax
Atypical mycobacteria
Avian mycobacteriosis
Bordetellosis
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Leprosy
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Melioidosis
MRSA
Mycobacteriosis in Fish
Mycoplasmosis
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Fungal

Aspergillosis
Blastomycosis
CANV
Chytridiomycosis
Coccidioidomycosis
Cryptococcosis
Histoplasmosis
Pneumocystosis
Pythiosis
White Nose Syndrome

Parasitic

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Oxyuriasis
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Toxoplasmosis
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Prion

Chronic Wasting Disease (CWD)

Viral

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