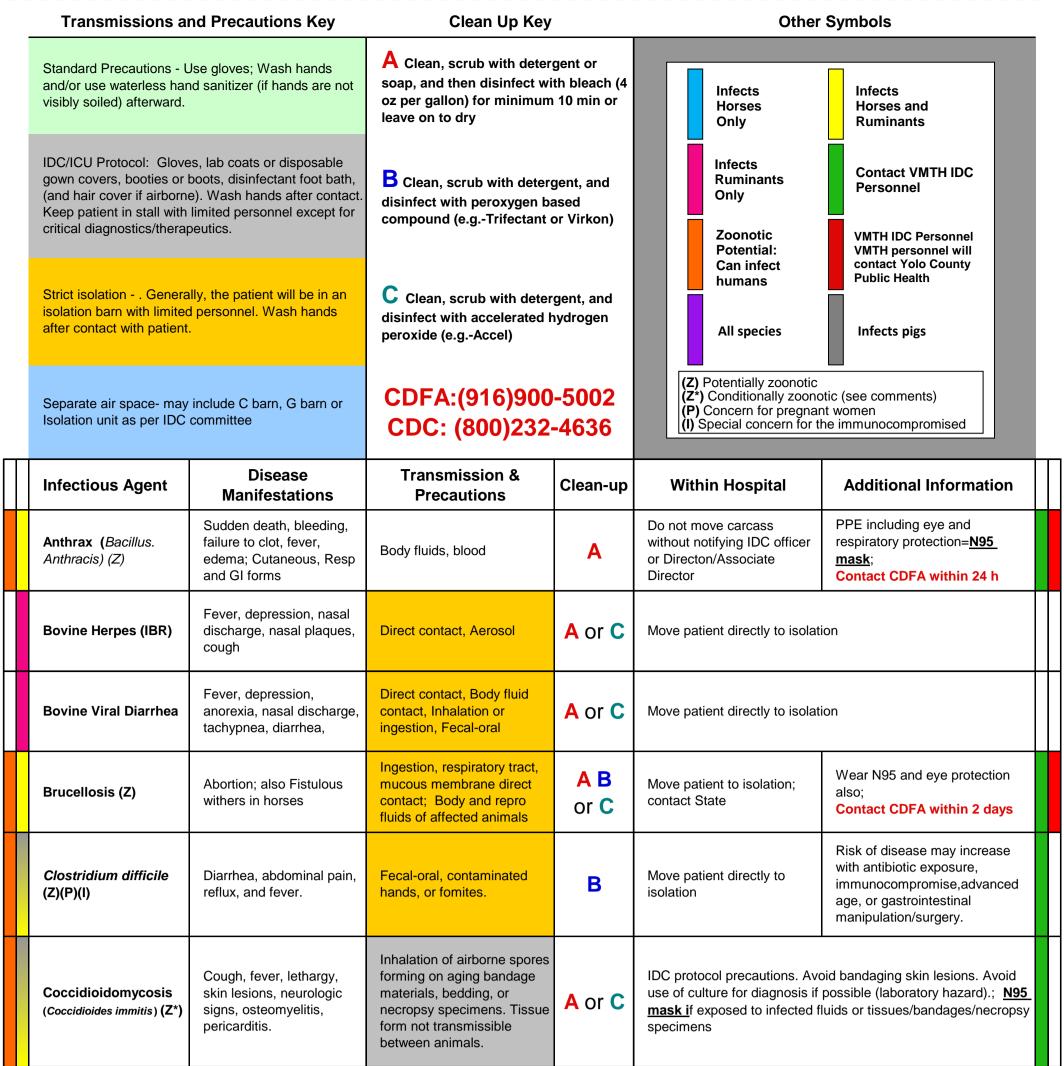
Infection Control Guidelines: Equine and Livestock



		between animals.				
Coronavirus	Pneumonia, Diarrhea	Fecal-oral, hands, fomites	A or C	Move patient directly to isolation		
Corynebacterium pseudotuberculosis for Horses (Pigeon Fever)	Abscesses; also internal forms	Indirect spread (fly vector)	A or C	should be contained (do not c	arrier precautions) if open abscesses. Pus I (do not contaminate environment), flush any with dilute antiseptic, and apply fly ointment scesses	
Corynebacterium pseudotuberculosis for Ruminants	Abscesses; internal forms	Contact with pus; abrasions in skin as with clipping	A or C	be contained (do not contami	ons) if open abscesses. Pus should nate environment), flush any antiseptic, and apply fly ointment	
Cryptococcosis (Cryptococcus spp.)	Cough, fever, lethargy, skin lesions, neurologic signs, ocular signs, systemic involvement.	Inhalation of airborne spores from the environment. Tissue form not transmissible between animals.	A or C	Normal precautions. Culture not considered a laboratory hazard.		
Cryptosporidiosis (<i>Cryptosporidium</i> spp.) (Z)(P)(I)	Diarrhea, abdominal cramps and pain, vomiting, fever.	Fecal-oral, contaminated hands, or fomites.	B or C	If patient has diarrhea move directly to isolation. Consider use of face shields when working with animals with diarrhea.		
Ebola (Z)	Hemorrhagic fever; fever, bleeding, GI signs- vomit, diarrhea, cramps	Direct contact	Α	Avoid direct contact; Face, respiratory protection, gloves, and hazmat suit with PAPR	Contact CDC and CDFA immediately	
Equine Herpes	Fever, Nasal discharge, Cough, Lethargy Neurological signs (EHV- 1),Edema	Aerosol, nasal secretions, hands or fomites	B or C	<u>EHV-4</u> cases to be housed in separate air space and under IDC barrier precautions (hair covers in addition to standard barriers)	<u>EHV-1</u> cases to be moved directly to isolation (hair covers must be used in addition to standard barriers). *Report to CDFA	
Equine Infectious Anemia	Fever, weight loss, lethargy, edema	Blood contact	A or C	*Contact CDFA within 48h	Move directly to isolation	
Equine Influenza	Fever, cough, nasal discharge	Aerosol, direct contact, nasal secretions, hands, fomites	A or C	Cases to be housed in separa under barrier precaution and l	ate air space (respiratory isolation) nair covers	
Equine Viral Arteritis	Fever, edema, nasal discharge, cough, hemorrhages, abortion	Respiratory secretion, direct contact, aerosol, fomites, and venereal	A or C	Move directly to isolation		
Erysipelas (Erysipelothrix rhusiopathiae) (Z)	Septicemia, vasculitis, raised red lesions on skin, pruritus, arthritis, flu-like	Direct contact, contamination of wounds or mucous membranes,	A or C	Move directly to isolation		
Giardiasis (Giardia intestinalis) (Z*)	Diarrhea, Cramps	Fecal-oral, contaminated hands, or fomites. Strains vary in zoonotic potential.	A or C	If patient has diarrhea move o	a move directly to isolation	
Johnes (Mycobacterium avium ss paratuberculosis (Z*)	Diarrhea, weight loss, low protein	Fecal-oral; through milk to calves; rarely inhalational	C for >5 min	Move to isolation	Zoonotic potential unknown- low but may be associated with Crohn's disease	
Lawsonia intracellularis	Diarrhea, lethargy, edema, poor doer	Fecal-oral	A or C	IDC/ICU Protocol: Barrier precautions. If diarrhea present, move to isolation		
Leptospirosis (Leptospira spp.) (Z)(P)(I)	Fever, kidney failure with or without liver disease, abortion	Shed in urine, organism penetrates intact mucous membranes or abrasions.	A or C	Minimize movement around the hospital; Minimize contact with urine, especially prior to doxycycline therapy. Face shields required along with barrier precautions and appropriate face mask when cleaning stall*. May be moved to isolation at discretion of IDC officer; Report monthly to CDFA		
Methicillin Resistant Staph aureus (MRSA)	Skin infections, pneumonia, incisional infections, other	Nasal secretions, hand or fomite	A or C		autions; limit movement. May be moved to isolation f IDC officer. Keep wounds or incisions bandaged col (barrier precautions); limit movement. May be ation at discretion of IDC officer.	
Multiple Drug Resistant Infections (Z*)	Pyoderma, surgery site infections, diarrhea, urinary tract infection, respiratory infection, septicemia, other.	Contact with infected body fluids, direct contact with contaminated fomites, hands or clothing	A or C			
Piroplasmosis (Babesia caballi and Theileria equi)	Fever, lethargy, anemia, edema	Blood contact (needle sticks, ticks)	A or C	IDC/ICU Protocol; Avoid blood spills; Spray daily with pyrethrin tick repellant	*Report to CDFA within 48 h May be moved to isolation at discretion of IDC officer	
Pseudorabies	Mad itch- pruritus, fever, neuro signs, aggression. Affects pigs and ruminants, and rarely horses. Pigs may be subclinical	Nose to nose; fecal-oral, venereal	A, but 10%	Move to isolation	Report to CDFA within 48 h	
Q fever (Coxiella burnetti) (Z)(I)(P)	Abortion, Still birth, Dystocia; Fetus and reproductive fluids are priamry source, less in feces and urine	Inhalation, mucous membrane contact secondary	A or C	N95 mask required in additionto IDC protocol	*Report to CDFA and CDC	
Rabies (Z)(P)	Fever, rapidly progressive neurologic signs, especially change in behavior, paralysis.	Transmitted by biting or contact with saliva or tissues at necropsy.	A or C	Move patient directly to isolation. Handle with extreme care by dedicated personnel to avoid bites/contact with saliva. Face shield required.	Communicate bites to Yolo county public health. Positive cases reported to CDFA within 24 h*. Virus unstable in environment.	
Rhodococcus equi (Z')(I)	Pneumonia, Fever in foals	Fecal-oral, aerosol	A or C	Housed in air space separated from other foals	*Not allowed in foal pasture*	
Ringworm (dermatophytosis) (Microsporum /Trichophyton) (Z)(I)	Red lesion with a ring of scale, alopecia.	Direct contact with infected hair or contaminated fomites.	A or C	IDC/ICU precautions. *Use Accel as labeled for ringworm	Ringworm can live in environment for extended periods of time.	
Rotavirus	Diarrhea, fever in young animals	Fecal-oral. Fomites and hands.	В	Move directly to isolation		
Salmonellosis (Salmonella sp.) (Z)(P)(I)	Fever, abdominal pain, diarrhea, systemic organ involvement, reflux, leukopenia	Fecal-oral, contaminated hands or fomites.	A or C	Move directly to isolation; con	ove directly to isolation; contact IDC officer	
Scrapie (prion) (Z*)	Pruritus, behavior changes, tremors, bruxism, neuro signs weight loss	Placenta and birthing fluids through oral uptake of lambs/kids	Α	Barrier precautions	Zoonotic potential not completely known- felt to be low risk, although atypical scrapie is a potential	
Strangles (Streptococcus equi subsp equi)	Fever, lymphadenopathy, nasal discharge	Direct contact, fomites, hands, nasal secretions, pus	A or C	Move directly to isolation	e directly to isolation	
Streptococcus suis	Respiratory signs; sepsis; generalized malaise; neuro signs	Direct contact	A or C	Wear face shield or goggles plus mask. Avoid contact with mucous membranes or wounds	Contact IDC officer	
Tuberculosis (Mycobacterium bovis, M. avium complex)	Respiratory signs, cough, hemoptysis, fever, weight loss, skin signs-papules, ulcers, pustules	Inhalation and oral; aerosol; oral or cutaneous exposure from infected tissues; ingestion of raw milk	C > 5min	<u>N95 mask,</u> barrier precautions, gloves, eye protection	Contact IDC; Contact CDFA within 48 h	
Venezuelan Equine Encephalitis	Neurologic signs	Mosquito transmission	A or C	Isolation	*Report to CDFA within 24 h	
Vesicular Stomatitis Updated by Dr Gary Magdesian 2	Vesicles/ulcers in oral cavity, teats and coronary bands; Fever	Direct contact, fomites, hands	A or C	Move directly to isolation; Infection in humans is rare	*Report to CDFA within 24 h	
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