



ZOONOTIC CONCERN

Gastrointestinal Infection

Causes: *Salmonella* spp., *Escherichia coli*, *Campylobacter jejuni*, *Campylobacter coli*, *Yersinia enterocolitica* (especially in pigs), *Cryptosporidium parvum*, *Giardia intestinalis*.

Occurrence in animals: All farm animals and other wild and domestic species (dogs, cats, birds) can carry and shed these microorganisms.

Source in animals: Feces.

Exposure: Accidental ingestion, both directly and indirectly through contaminated objects.

Symptoms:

- Animals:
 - Diarrhea is the most common presentation in affected animals.
 - Healthy animals can shed microorganisms.
 - Organisms can persist up to several months in the environment.
- Humans: Diarrhea, nausea, vomiting, abdominal pain.

Precautions:

- Good personal hygiene:
 - **WASH HANDS** after handling animals.
 - No eating, drinking, smoking, around animals and their environment.
- Wear gloves if in contact with animals that have diarrhea or their environment.
- Immunocompromised individuals may experience serious disease from contact with organisms that cause gastrointestinal infection.
- Face mask is recommended for additional protection.
- Use a boot dip, dedicated boots, or disposable boot covers when accessing areas of potentially infectious animals.
- Do not drink raw, unpasteurized milk.

Additional information about these agents can be found at:

http://www.cdc.gov/ncidod/dbmd/diseaseinfo/salmonellosis_g.htm

http://www.cdc.gov/ncidod/dbmd/diseaseinfo/escherichiacoli_g.htm

http://www.cdc.gov/ncidod/dbmd/diseaseinfo/campylobacter_g.htm

http://www.cdc.gov/ncidod/dbmd/diseaseinfo/yersinia_g.htm

http://www.cdc.gov/ncidod/dpd/parasites/cryptosporidiosis/factsht_cryptosporidiosis.htm