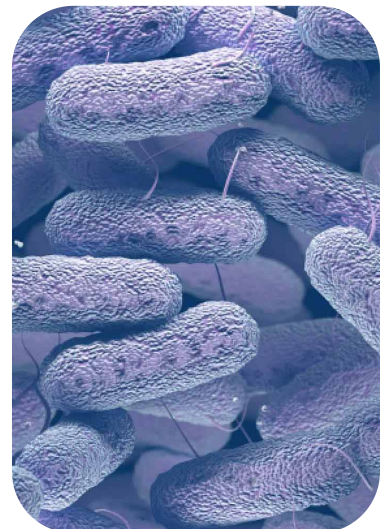


NON-TYPHOIDAL SALMONELLA



NON TYPHOIDAL SALMONELLA

- Non-typhoidal salmonella (NTS) are negative bacteria that primarily cause gastroenteritis , bacteriemia , and focal infections.



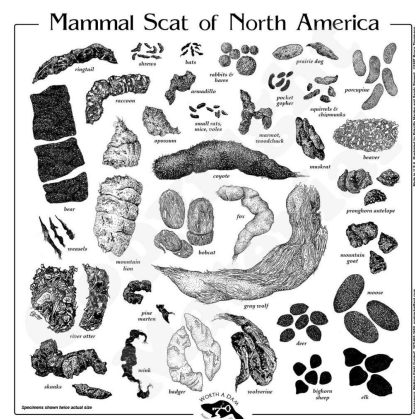
WHAT FOOD IS IT COMMONLY FOUND IN?

It is most commonly found in contaminated meat, poultry, raw milk, egg products , and water are common sources.



TRANSMISSION

Non-typhoidal salmonella is usually transferred by the consumption of food/drinks that are biologically contaminated with animal feces. Transmission can occur through direct contact with infected animals or their environment and between humans.

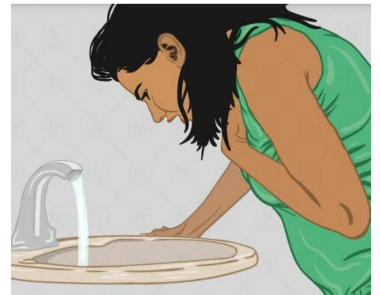


CLINICAL SIGNS

Gastroenteritis is the most common symptom of NTS. Illness is usually exhibited as:

- Acute diarrhea
- Abdominal pain
- Fever
- Vomiting

The illness usually lasts 4-7 days, and people sometimes recover without treatment



TREATMENT

Oral rehydration therapy is recommended, but excluding antimicrobial agents, as treatment can prolong bacterial shedding. Consider antimicrobial therapy if severely ill or if you're at increased risk of invasive disease (infants/old people).



PREVENTATIVE MEASURES

There is no vaccine available against NTS. Several ways you can prevent catching NTS include food and water precautions, and frequent handwashing, importantly after contact with animals and/or their environment.



RESOURCES

Some websites we gathered our information from:

- <https://wwwnc.cdc.gov/travel/yellowbook/2020/travel-related-infectious-diseases/salmonellosis-nontyphoidal>
- <https://www.merckmanuals.com/professional/infectious-diseases/gram-negative-bacilli/nontyphoidal-salmonella-infections>
- <https://www.merckmanuals.com/professional/infectious-diseases/gram-negative-bacilli/nontyphoidal-salmonella-infections>

Teach The Bug Rubric

Assessment Rubric: (4-1) Grading Scale

Grading Criteria	Excellent (4)	Good (3)	Fair (2)	Poor (1)
Organization Guidelines of powerpoint slides were followed	4			
Quality of information The student demonstrates full knowledge of the topic by answering all questions with explanations and elaboration.	4			
References The student used a variety of sources and has properly cited sources..	4			
Speaking & Eye Contact The student maintains eye contact, excellent volume & clarity for the audience. Enthusiasm is evident when speaking.	4			
Creativity Information flows nicely, visual aids are creative, neat, colorful, etc.	4			
Comments: Awesome job! Very detailed and good use of visuals!				