

Website: <http://www.allimagestool.com>

FOOD POISONING

Submitted by:
Shaema M. Ali

Website: <http://www.allimagestool.com>

What is food poisoning ?

Foodborne illness, more commonly referred as a food poisoning, is the result of eating contaminated, spoiled, or toxic food.

Website: <http://www.allimagestool.com>

What causes food poisoning?

□ Bacteria

Bacteria is by far the most prevalent cause of food poisoning

Ex. *E. coli*, *Listeria* and *salmonella*, *Shigella sp.*,
Staphylococcus, *Campylobacter* and *C. botulinum*
(botulism) and *Vibrio cholerae*

Website: <http://www.allimagestool.com>

- Parasites ex. Taenia sp., Entamoeba histolytica, Giardia lamblia and Toxoplasma
- Viruses ex. Norovirus and rotavirus and hepatitis A
- Natural toxic substances such as poisonous mushrooms

Website: <http://www.allimagestool.com>

- These infectious agents can exist in foods at any stage, such as when they are growing, packaged, shipped, stored or cooked.

Website: <http://www.allimagestool.com>

- Certain foods are more likely to harbor harmful agents.
 - These include raw eggs, unpasteurized milk and juice.
 - Soft cheeses and raw or undercooked meat or seafood.
 - Fresh produce is another risk.

Website: <http://www.allimagestool.com>

- Infectious dose

Is the amount of the agent that must be consumed to give rise to symptoms of foodborne illness, and varies according to the agent and the consumer's age and overall health.

Website: <http://www.allimagestool.com>

□ Incubation period

The time needed for symptoms to appear after exposure to the pathogenic agents

-Staph. Aureus 1-6hrs

-E. coli 12-48hrs

-Shigella, campylobacter 48-72hrs

-More than 7 days Giardiasis, Amoebiasis

Website: <http://www.allimagestool.com>

Food poisoning symptoms

Symptoms depend on the source of infection.

Common cases of food poisoning will typically include at least three of the following symptoms:

Website: <http://www.allimagestool.com>

- Abdominal cramps
- Diarrhea
- Vomiting
- Loss of appetite
- Mild fever

Website: <http://www.allimagestool.com>

Symptoms of potentially life threatening food poisoning include:

- ❑ Diarrhea persisting for more than 3 days
- ❑ High grade fever
- ❑ Difficulty seeing or speaking
- ❑ Symptoms of severe dehydration (dry mouth, passing little or no urine, etc)
- ❑ Bloody urine

Website: <http://www.allimagestool.com>

Stereotypical histories

E. Coli	common amongst travelers
Giardiasis	prolonged non bloody diarrhea
Staphylococcus period	severe vomiting short incubation
Cholera	profuse watery diarrhea severe dehydration results in weight loss

Website: <http://www.allimagestool.com>

Campylobacter a flue like syndrome is usually followed by crampy abdominal pain, fever and diarrhea which may be bloody

Complications include Guillain barre syndrome

Website: <http://www.allimagestool.com>

Amoebiasis	bloody diarrhea, abdominal pain and tenderness
Shigella	fever, bloody diarrhea, vomiting and abdominal pain

Website: <http://www.allimagestool.com>

- How is food poisoning treated?

In most cases, there isn't much your doctor can specifically do for you, and you get better on your own within a few days.

Website: <http://www.allimagestool.com>

- adults or children who lose a lot of fluids (dehydration) may need to go to the hospital to get an IV fluid
- For severe food poisoning caused by certain bacteria, such as *Listeria*, you may get antibiotics

Website: <http://www.allimagestool.com>

- You may also get medicine for food poisoning caused by parasites. For viruses, there's nothing you can take.
- Antiemetic drugs could be considered
- What is the role of antidiarrheal drugs?!

Website: <http://www.allimagegetool.com>

Thank
you

