



Health and Water

A PUBLIC AWARENESS PROGRAM

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WE (WATER ERA)

| News & Articles | Date: February 2021 |

(National And International News With Reference And Evidence)

1. Fifteen (15) Dangerous Waterborne Diseases Caused by Contaminated Drinking Water

<https://www.springwellwater.com/15-dangerous-diseases-caused-by-contaminated-drinking-water/>



The researches shows that there are 15 Dangerous Diseases Caused by Contaminated Drinking Water:



1. Salmonellosis:

When domestic or wild animals leave their feces in or near water surfaces such as rivers, lakes, ponds, streams, etc., the salmonella virus can then enter private wells, water tanks, or any other water supplies.

2. Hepatitis A:



Hepatitis A is a highly infectious disease that primarily affects the liver. You can contract the disease by drinking water that contains the hepatitis A virus (HAV) or by coming in close contact with someone who has the infection. Washing and eating foods prepared with contaminated water can also expose you to the disease. People who live in areas that have poor sanitation and hygiene

management are more at risk of being exposed to the virus.

3. Cryptosporidiosis:

Cryptosporidiosis is an infection that targets the intestines. The microscopic parasite *Cryptosporidium* causes the disease.

4. Typhoid

Typhoid is a life-threatening bacterial infection distinguished by acute intestinal ulceration and infection. It usually spreads when people consume contaminated water or food washed with contaminated water. A person suffering from typhoid can transfer harmful bacteria to their bloodstream and intestinal tract.



5. Cholera:

Cholera is an infection that primarily affects the small intestine. The bacterium responsible for this disease is known as the *Vibrio Cholera*. If not treated correctly or on time, Cholera can cause death in some rare cases.

6. Diarrhea: Diarrhea is one of the most common diseases caused by water contamination. It manifests as a result of intestinal infection or food poisoning by drinking water contaminated with pathogens from animal or human waste. In most cases, it occurs due to the presence of waterborne bacteria, viruses, and protozoans.



7. Dysentery

Dysentery is a waterborne disease characterized by severe diarrhea, as well as blood or mucus in the stool. It mainly affects the intestines and spreads through poor hygiene. It can also be caused by bacteria, viruses, or parasites in unsafe food and drinking water.

8. Amoebiasis (Traveler’s Diarrhea)

If you like to travel, you’ve likely heard about a common waterborne disease that affects millions of travelers every year. It usually infects the large intestine as well as the liver. Amoebiasis symptoms include mild or severe diarrhea with mucus and blood.

9. Cancer

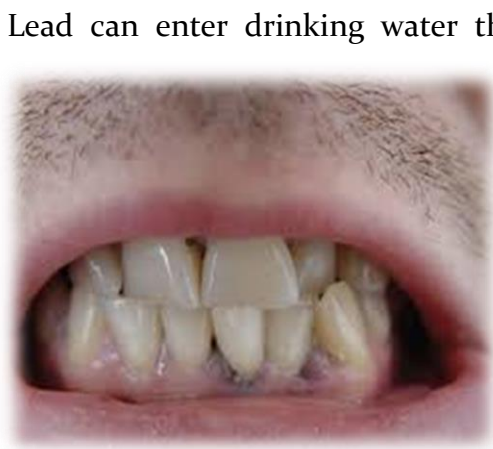
Drinking water polluted with chemicals like methyl tert-butyl ether (MTBE) and chlorinated solvents increase the risks of getting cancer when one consumes water from such sources. The substances are carcinogenic, meaning that they can damage the DNA and cause cancer tumors. The disease is associated with hefty medical costs, chronic pain, and even death. This deadly disease has claimed the lives of many people worldwide.

10. Fluorosis

Fluorosis is a condition that negatively affects the health of teeth and bones. This disease is usually the result of drinking ground or surface water with high concentrations of fluoride chemicals. The chemical naturally occurs in groundwater and affects millions of people across the globe.



11. Lead Poisoning



Lead can enter drinking water through old pipes and solders or through the discharge of toxic chemicals into water systems. Once ingested, the metal can cause lead poisoning in humans, one of the life-threatening diseases caused by water pollution. Children are especially vulnerable to this disease because of their body’s ability to deal with elevated levels of the metal. Lead poisoning can result in numerous health conditions such as anemia, problems with the reproductive system, and high blood pressure. It can also affect the kidneys and the nervous system.

12. Arsenicosis:

When you consume water contaminated with arsenic, you put yourself at risk of contracting Arsenicosis.

Arsenicosis is a condition caused by chronic consumption of drinking water with small amounts of arsenic. The chemical may cause problems with the bladder, kidney, lungs, and skin, and which may lead to cancer. Arsenicosis affects millions of people worldwide who depend on arsenic-contaminated water.



13. Liver and Kidney Damage, and Neurological Problems:



Drinking water contaminated with chemical pollutants can lead to some cases of liver and kidney damage. Chemical contaminants such as MTBE and chlorinated solvents are two of the main culprits. These pollutants are associated with the inflammation of the liver, liver failure, kidney failure, or the development of kidney stones.

14. Trachoma (Eye Infection)

Trachoma is an eye infection that occurs through pathogenic sanitation and hygiene caused by the limited availability of clean water. It mostly affects children and women. Besides, about six million people worldwide have developed blindness because of the disease.



15. Polio (Infantile Paralysis)

Polio is a highly lethal viral infection caused by the polio virus. The infection spreads through water contaminated with feces from an infected person. When the virus enters the bloodstream, it targets and destroys the nervous system, which results in extreme weakness. In most cases, it causes paralysis. People without a polio vaccination are at a higher risk of being infected by the virus.

THE SOLUTION - How to prevent from Waterborne Disease:

As you can see from the list above, many different diseases can affect your health if you drink contaminated water.

One of the best ways to avoid these illnesses and ensure your health and wellbeing (and that of your loved ones) is **only to drink and use safe and purified water.**

