



Cholera Outbreak

Why in News?

Recently, Panic spread through Phoop town in **Bhind district** due to a sudden [cholera outbreak](#), resulting in the deaths of three individuals and the illness of around 70 others who drank **contaminated water**.

Key Points

- The residents of the area fell prey to cholera infection after drinking contaminated water supplied through the pipeline.
- According to the sources, the [sewage water](#) entered the drinking water supply pipeline due to ongoing civil work in the area. The **water turned highly contaminated** with bad odour.
- The District Magistrate stated that the **situation was under control** and the **condition of the patients was stable**.
 - The **pipeline leakages have been fixed**, and **clean/fresh water is now being supplied** to the three wards.
 - A **team of doctors** has also been **deployed to monitor the situation**, including water testing.

Cholera

- **About:**
 - Cholera, a water-borne disease primarily caused by **the bacteria Vibrio cholerae strains O1** and O139, poses a significant public health challenge worldwide.
 - Strain O1 is the predominant cause of outbreaks, with O139 occurrences being rare and mostly confined to Asia.
 - It is an acute diarrheal illness caused by infection of the intestine.
 - The infection is often mild or without symptoms, but sometimes can be severe.
- **Symptoms:**
 - Profuse watery diarrhoea, Vomiting, Leg cramps
- **Transmission:**
 - A person may get cholera by drinking water or eating food **contaminated with the cholera bacterium**.
 - The disease can spread rapidly in areas with inadequate treatment of sewage and drinking water.
- **Vaccine:**
 - Currently there are three WHO pre-qualified **Oral Cholera Vaccines (OCV)**, **Dukoral**, **Shanchol**, and [Euvichol-Plus](#). All three vaccines require two doses for full protection.

