

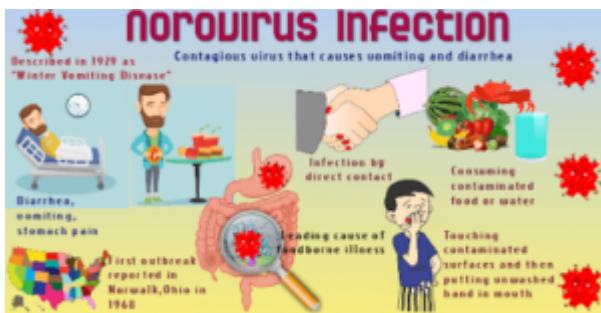
Norovirus

November 16, 2021

In news– Recently, several cases of Norovirus have been reported in the state of Kerala.

About Norovirus–

- It is the most common cause of gastroenteritis.
- It is **a bug similar to the diarrhoea-inducing rotavirus** and it infects people across age groups.
- Disease outbreaks typically occur aboard cruise ships, in nursing homes, dormitories, and other closed spaces.
- **The initial symptoms of Norovirus are vomiting and/or diarrhoea**, which show up one or two days after exposure to the virus.
- Patients also feel nauseous, and suffer from abdominal pain, fever, headaches and body aches.
- In extreme cases, loss of fluids could lead to dehydration.



- **This disease is self-limiting, the infection**, even though it takes a lot out of the patient, normally lasts only two or three days.
- It is highly **contagious**, and **can be transmitted through contaminated food, water, and surfaces**.
- The **primary route is oral-faecal**.
- One may get infected multiple times as the virus has different strains.
- **It is resistant to many disinfectants and heat up to 60°C.**

- Therefore, merely steaming food or chlorinating water does not kill the virus.
- The virus **can also survive many common hand sanitisers.**
- As per WHO estimations, **it is the most common pathogen implicated in outbreaks of gastrointestinal disease** (inflammation of the stomach and intestines).
- About one out of every five cases of acute gastroenteritis worldwide is caused by Norovirus.
- Diagnosis is done by **real-time reverse transcription polymerase chain reaction.**
- **No vaccines** are available for the disease.