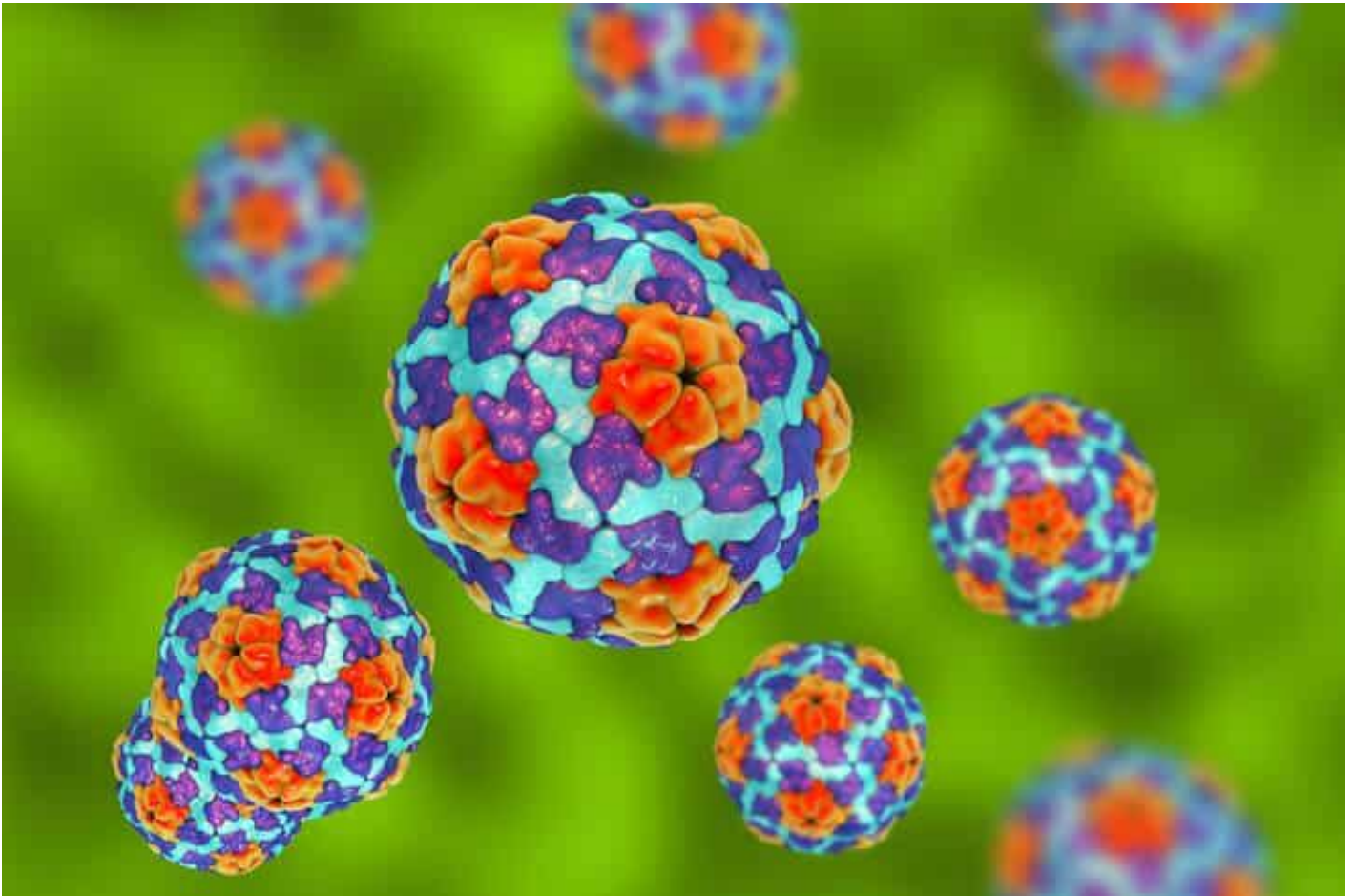


What are Enteroviruses?

July 9, 2023 • vajiramandravi.com



About Enteroviruses:

- Enteroviruses are a **group of viruses that can cause various infectious illnesses** and are responsible for annual epidemics.
- **There are many kinds of enteroviruses**, including coxsackieviruses, echoviruses, polioviruses, and the hepatitis A virus.
- All enteroviruses are **antigenically heterogeneous and have wide geographic distribution**.
- They **can infect anyone**, but are **more likely to cause illnesses in people with weak immune systems, as well as infants, children, and teens who don't have immunity against a virus** yet because it's their first exposure to it.
- **Illness is usually mild** but has been **found to affect neonates differently and sometimes more severely** than older children and adults.

- **Transmission:** There are **multiple transmission routes**, particularly in the neonatal period, including **intrapartum by exposure to maternal blood, secretions, and/or stool, or postnatally from close contacts** with infected caregivers.
 - **Symptoms:**
 - **Most people** with an enterovirus infection **don't get sick**.
 - For those who do, symptoms **depend on the type of enterovirus and which part of the body it affects**.
 - **Most often a child will simply have a fever or mild cold symptoms** such as runny nose, sneezing, coughing, or muscle aches.
 - **Treatment:**
 - There is **no specific treatment for enterovirus infection**.
 - The **focus is on easing symptoms** until the infection has run its course, which usually takes only a few days.
-

Q1) What is a Virus?

A virus is an infectious microbe consisting of a segment of nucleic acid (either DNA or RNA) surrounded by a protein coat. A virus cannot replicate alone; instead, it must infect cells and use components of the host cell to make copies of itself. Often, a virus ends up killing the host cell in the process, causing damage to the host organism. Well-known examples of viruses causing human disease include AIDS, COVID-19, measles and smallpox.

Source: [Enterovirus infections: WHO warns against deaths in Europe; does India need to worry?](#)

Source: <https://vajiramandravi.com/current-affairs/what-are-enteroviruses/>

© Vajiram & Ravi. For personal use only.