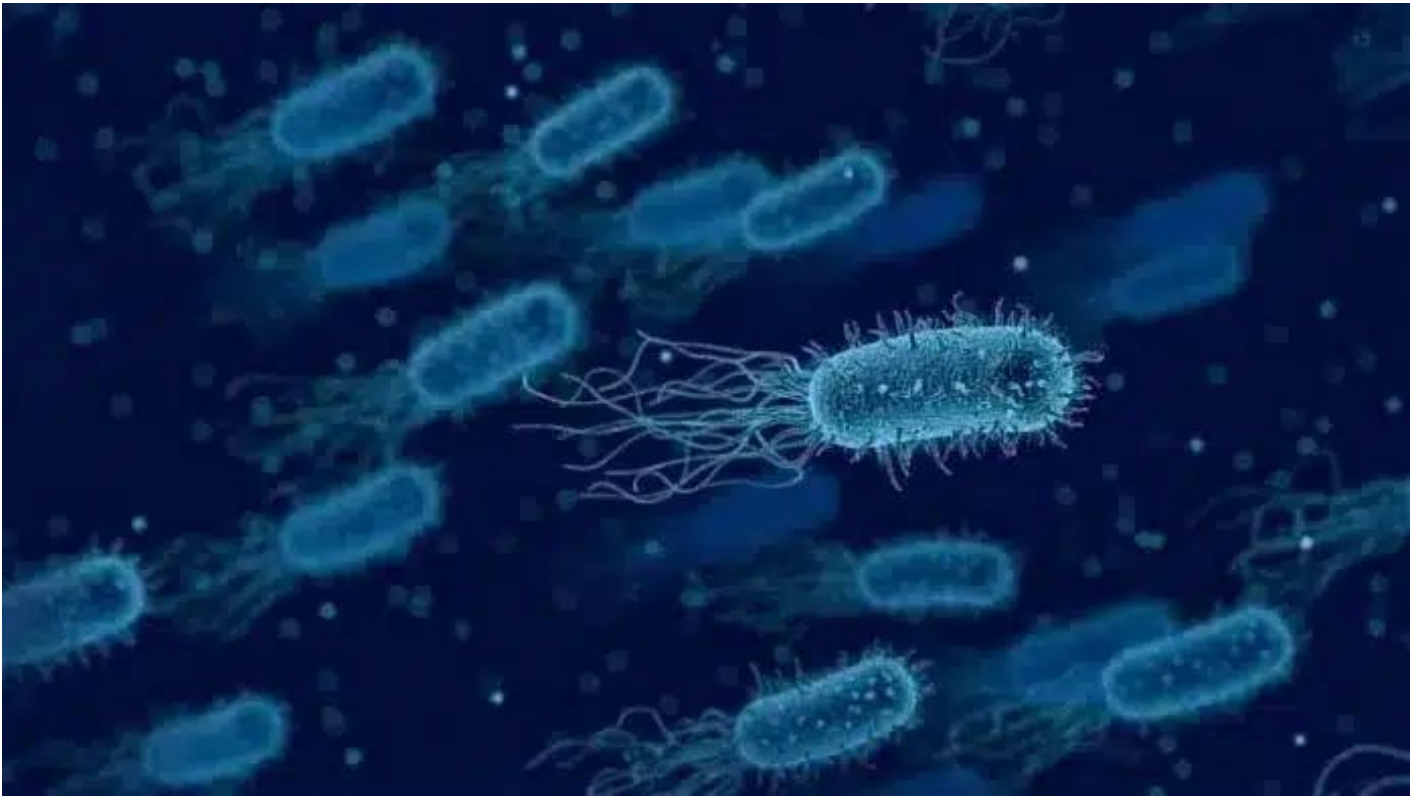


What is Shingella?

July 13, 2024 • vajiramandravi.com



About Shingella:

- It is an **intestinal infection** caused by a family of bacteria known **as shigella**.
- The **four species** of Shigella are: Shigella sonnei, Shigella flexneri, Shigella boydii and Shigella dysenteriae.
- **Symptoms:** Diarrhea, Stomach pain or cramps, Fever, Nausea or vomiting.
- **Transmission:** It is **very contagious**. People get infected with shigella when they come in contact with and swallow small amounts of bacteria from the stool of a person

Who is infected with shigella?

- Children **under age 5** are most **likely to get shigella** infection, but it can occur at any age.
- **Vaccine:** Currently, there **are no vaccines available** for shigella.
- **Precautions:** Wash your hands thoroughly before and after a meal. Wash your hands properly after a bowel movement. Ensure the water that you drink is clean and the fruits and vegetables are fresh.
- **Disease burden:** It has been estimated that shigella triggers a huge disease burden globally, causing nearly **125 million diarrhoeal episodes** annually and around 1,60,000 deaths, with a third of these associated with children under five years of age.

Q1: What is Bacteria?

Bacteria are microscopic single-celled prokaryotic organisms that play a crucial role in the ecosystem and have a significant impact on human health. Bacteria can be found all over the world, including the top of the mountains or the deeper trenches in the oceans.

Source: ICMR back in race to offer world's 1st vaccine for deadly shigella, to tie up with Indian manufacturer

Source: <https://vajiramandravi.com/current-affairs/shingella/>

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