

# Typhoid conjugate vaccine

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## Why in news?

Bharat Biotech has developed a typhoid (**Typbar TCV**) vaccine that is better able to prevent typhoid fever than commonly used vaccines.

## What is typhoid?

- Food and water infected by bacteria **Salmonella Typhi (S. typhi)** are responsible for typhoid fever.
- Fever, fatigue, diarrhea, loss of appetite, constipation are the symptoms of the disease.
- The severity of the illness varies and serious cases can lead to serious complications or even death.
- The WHO notes that in children below two years of age a large proportion of cases of severe typhoid fever exist.

## The vaccine

- Typbar TCV vaccine is a type of **conjugate vaccine** that was pre-qualified by the **Strategic Advisory Group of Immunization Experts (WHO-SAGE)** of the WHO.