

# **Health Care Education Vaccines (Immunizations) for children**



## **Hidaya Foundation**

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*And when I am sick, then He heals me. - - - Al Quran – Ash-Shuraa, Verse 26:80*

*The Prophet SAWS said: “Allah SWT has not created any disease without also creating a cure for it...”  
(Agreed upon)*

### **Typhoid Vaccine**

#### **What is Typhoid?**

Typhoid fever is a life-threatening illness caused by the bacterium *Salmonella* Typhi bacteria. In some cases it may be caused by *Salmonella* Paratyphi A, B or C also. Since it affects primarily the intestines it is known also as Enteric Fever.

#### **How does Typhoid Spread?**

The germs are spread through contaminated food, water or through contact with a patient.

#### **What are the symptoms of Typhoid?**

Mainly high grade fever, headache, upset tummy or pain in the abdomen, general pains / aches in legs and arms and nose bleeds.

#### **How does Typhoid affect a person?**

Inflammation (swelling) of the intestines, ulcers in the intestines leading to perforation of the intestines (this becomes a serious surgical emergency), unconsciousness, and brain fever, involvement of the liver or heart may occur.

#### **How does one prevent Typhoid?**

Clean water, clean and fresh food and avoiding coming in contact with patients of Typhoid are the main precautionary measures. In countries where this is not easily possible and during natural disasters, this may not always be possible. Therefore vaccination is the most reliable method of protection.

#### **What are the vaccines used against Typhoid?**

- **T A B Vaccine:** This is an older form of vaccination. Its side effects and relatively less effectiveness have led to the development and popularity of more modern and effective vaccines.
- **Vi Polysaccharide Typhoid Vaccine:** This is a very effective vaccine and has very few side effects. It is given at the age (or soon after) 2 years. This vaccine stays effective for approximate 3 years and needs to be repeated after that.
- **Oral Typhoid Vaccine (Ty - 21 Typhoid Vaccine):** This is available as a capsule and is given at age beyond 6 years in the form of 3 doses given alternate day.