

Table 7. Typhoid Vaccines

Vaccine	Dose	Adverse effects	Comments
Vi capsular polysaccharide vaccine	Single dose 0.5mL of 50 µg/mL vaccine by I.M. or deep S.C. injection	Local pain, erythema and fever may occur 1-3 days after administration.	Children < 18 months may show sub-optimal response. Repeat every 3 years
Ty 21a oral live attenuated vaccine	1 capsule to be swallowed with cold or lukewarm drink on days 1, 3, and 5	Usually none. Nausea, vomiting, abdominal cramps, headache, fever, allergic reactions. Rarely: anaphylaxis.	<i>Contraindicated</i> in patients who are immunosuppressed either by disease or drugs <i>Inactivated</i> by antibiotics Capsules must be refrigerated. Not recommended for children <6 years. Provides protection 7-10 days after last dose, and in endemic areas this lasts for 3 years in most cases, but for travelers who are not repeatedly exposed, protection may last for only one year. Do not give mefloquine until 3 days after last dose, and administration of oral polio vaccine should be separated by at least three weeks