




		<b>EMLc</b>	<b>ATC codes: J07AP03</b>
<b>Indication</b>	Need for immunization against typhoid-paratyphoid alone	ICD11 code: <b>QC00.1</b>	
<b>Medicine type</b>	Biological agent		
<b>List type</b>	Core (EML) (EMLc)		
<b>Formulations</b>	All vaccines should comply with the WHO requirements for biological substances.		
<b>EML status history</b>	First added in 1977 ( <a href="#">TRS 615</a> ) Changed in 1999 ( <a href="#">TRS 895</a> ) Changed in 2007 ( <a href="#">TRS 946</a> ) Changed in 2007 ( <a href="#">TRS 950</a> ) Changed in 2019 ( <a href="#">TRS 1021</a> )		
<b>Sex</b>	All		
<b>Age</b>	Also recommended for children		
<b>Therapeutic alternatives</b>	The recommendation is for this specific medicine		
<b>Patent information</b>	Patents have expired in most jurisdictions Read more <a href="#">about patents</a> . 		
<b>Tags</b>	<b>Biological</b>		
<b>Wikipedia</b>	<a href="#">Typhoid vaccine</a> 		
<b>DrugBank</b>	<a href="#">Typhoid vaccine (Salmonella typhi ty21a live antigen)</a> 		

## Summary of evidence and Expert Committee recommendations

WHO immunization policy recommendations are published in vaccine position papers on the basis of recommendations made by the Strategic Advisory Group of Experts on Immunization (SAGE). WHO vaccine position papers are updated three to four times per year. Vaccines listed on the 2019 Model List are those for which there is a recommendation from SAGE and a corresponding WHO position paper as at December 2018. The March 2018 version of the WHO position paper for typhoid vaccine is attached. The most recent versions of the WHO position papers, reflecting the current evidence related to a specific vaccine and the related recommendations, can be accessed at any time on the WHO website at:

<http://www.who.int/immunization/documents/positionpapers/en/index.html>. Vaccine recommendations may be universal or conditional (e.g., in certain regions, in some high-risk populations or as part of immunization programmes with certain characteristics). Details are available in the relevant position papers, and in the Summary Tables of WHO Routine Immunization Recommendations available on the WHO website at:

[http://www.who.int/immunization/policy/immunization\\_tables/en/index.html](http://www.who.int/immunization/policy/immunization_tables/en/index.html). Selection of vaccines from the Model List will need to be determined by each country after consideration of international recommendations, epidemiology and national priorities.

[Expert Committee report](#) 

