

cholera vaccine is a vaccine that is effective at reducing the risk of contracting cholera.[10] The recommended cholera vaccines are administered orally to elicit local immune responses in the gut, where the intestinal cells produce antibodies against *Vibrio cholerae*, the bacteria responsible for the illness. This immune response was poorly achieved with the injectable vaccines that were used until the 1970s. The first effective oral cholera vaccine was Dukoral, developed in Sweden in the 1980s.