

**GOVERNMENT OF INDIA
HEALTH AND FAMILY WELFARE
LOK SABHA**

UNSTARRED QUESTION NO:2419
ANSWERED ON:22.07.2009
CHOLERA STRAIN EI TOR HYBRID
Lagadapati Shri Rajagopal

Will the Minister of HEALTH AND FAMILY WELFARE be pleased to state:

- (a) whether as per the National Institute of Cholera and Enteric Diseases all new Cholera infections in the country are being caused due to the Cholera strain EI Tor hybrid;
- (b) if so, the details thereof; and
- (c) the efforts made by the Government to control the disease?

Answer

THE MINISTER OF HEALTH AND FAMILY WELFARE (SHRI GHULAM NABIAZAD)

(a) & (b): Yes. The National Institute of Cholera and Enteric Disease has investigated outbreaks due to diarrhoeal diseases in States of Andhra Pradesh, Kerala and West Bengal. In all the recent outbreaks, strains of *Vibrio cholera* that are being isolated are the EI Tor hybrid types and they are basically of the classical biotype cholera toxin B sub-unit. There is slight change in the toxin type of the hybrid but otherwise the disease is similar to that caused by prototype EI Tor strain. So far no change in the epidemiology, the ecology, or the clinical profile of the diseases caused by the EI Tor hybrid has been noted.

(c) Government of India in a comprehensive manner launched the National Diarrhoeal Disease Control Programme, which is a 3-tier system for preventing deaths due to dehydration as a result of fluid loss due to diarrhea, including that resulting from cholera.