

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

UNSTARRED QUESTION NO:5270

ANSWERED ON:27.08.2010

ALTERNATIVE FOR TRADITIONAL INSULIN SHOTS FOR DIABETIC PATIENTS

Maadam Shri Vikrambhai Arjanbhai;Sugavanam Shri E.G.

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

- (a) whether the National Institute of Immunology, Delhi has developed an alternative to frequent painful insulin shots;
- (b) if so, the details thereof and the time by which the new alternative would be available in the market;
- (c) whether the Government proposes to make available the new alternative as well as the other medicines for diabetes at affordable prices;
- (d) if so, the details thereof; and
- (e) the steps taken/proposed to reduce the prevalence of diabetes in the country?

**Answer**

THE MINISTER OF HEALTH & FAMILY WELFARE(SHRI GHULAM NABI AZAD)

(a) to (d): The National Institute of Immunology (NII) has developed single insulin injection "supramolecular insulin" which is able to treat diabetic animals. The study has been done only on animals. No studies in human beings have been done so far with this form of insulin. According to NII, it may take five to six years to introduce this new drug for commercial use. Medicines for diabetes are available in the market at affordable prices.

(e): The Government of India has approved a National Programme for Prevention and Control of Cancer, Diabetes, Cardiovascular Disease and Stroke at an estimated outlay of Rs. 1230.90 crore for the 11th Five Year Plan. The programme focuses on health promotion, capacity building including human resource development, early diagnosis and management of these diseases and integration with the primary health care system.