

**GOVERNMENT OF INDIA
MINISTRY OF HEALTH AND FAMILY WELFARE
DEPARTMENT OF HEALTH RESEARCH**

**RAJYA SABHA
UNSTARRED QUESTION NO. 264
TO BE ANSWERED ON 19TH JULY, 2022**

USE OF ARTIFICIAL ORGANS FOR ORGAN TRANSPLANTATION

264 SHRI SANJAY SINGH:

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

- (a) whether Government is planning to increase research spending for the use of artificial organs for organ transplantation, if so, the details thereof;
- (b) whether Government is aware of the exponential increase in lifestyle diseases which require organ transplants in the past decade; and
- (c) if so, the steps taken by Government to revamp the medical infrastructure of the country to accommodate the same?

**ANSWER
THE MINISTER OF STATE IN THE MINISTRY OF HEALTH AND FAMILY WELFARE
(DR. BHARATI PRAVIN PAWAR)**

(a) to (c): The Transplantation of Human Organs & Tissues Act (THOTA), 1994 provides for regulation of removal, storage and transplantation of human organs & tissues for therapeutic purposes and for prevention of commercial dealings in human organs & tissues. The subject of artificial organs is not regulated under the aforesaid Act.

As reported by Directorate General of Health Services, there has been an overall increase in lifestyle diseases like Diabetes, Hypertension, Chronic Kidney Disease, Non-Alcoholic Fatty Liver disease in the past decade, which may cause organ damage. Once the end stage organ failure occurs, such cases may require organ transplants.

The Government of India has implemented National Organ Transplant Program (NOTP) to establish a network of organ and tissue transplant organizations at national, regional and state level and to link them with transplant & retrieval hospitals and tissue banks and to maintain a national registry of organ & tissue donors and recipients for the purpose to provide an efficient system for procurement and distribution of organs & tissues from deceased donors. Under the program, support is provided to establish new or to upgrade existing organ & tissue transplant and retrieval facilities and to establish tissue banks.
