

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

UNSTARRED QUESTION NO:2484

ANSWERED ON:25.07.2014

CASES OF HEART DISEASES

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

- (a) the number of cases and deaths relating to coronary artery diseases and reported in the country during each of the last three years and the current year, State/UT-wise;
- (b) whether the Government has taken note of development of drugs including injections and vaccines abroad which promises to reduce risk of heart attack substantially;
- (c) if so, the details thereof along with the steps taken/proposed to be taken by the Government for their introduction in the country;
- (d) whether some Swedish researchers have sought the permission of the Government to carry out clinical trials of a newly developed vaccine on patients suffering from coronary artery disease in the country and if so, the details thereof and the action taken/proposed to be taken by the Government thereon; and
- (e) the other measures taken/proposed to be taken by the Government for prevention and affordable treatment of coronary artery diseases and spread awareness in this regard?

**Answer**

THE MINISTER OF HEALTH AND FAMILY WELFARE (DR. HARSH VARDHAN)

(a): As per the Disease Burden study on Non-Communicable Diseases by Indian Council of Medical Research(ICMR) in 2006, the number of estimated cases and deaths for Ischemic Heart Disease (IHD) and Stroke are as under :-

Disease	No. of cases (in lakhs)	No. of deaths (in lakhs)
Ischemic Heart Disease(IHD)	224	5.5
Stroke	9.31	6.40

The State wise data on cases and deaths related to coronary artery disease and stroke in the country are not maintained centrally.

(b) to (d): As per the information furnished by Indian Council of Medical Research (ICMR), Harvard Stem Cell Institute Scientists in collaboration with researchers at the University of Pennsylvania have developed a "genome-editing" approach which permanently reduces cholesterol levels in mice through a single injection. This approach may have therapeutic potential for prevention of cardiovascular diseases in humans. However, the researchers emphasize that it could take a decade of concerted efforts to get this new approach for fighting heart disease from the laboratory to phase I clinical trials in humans.

Central Drugs Standard Control Organization (CDSCO) regulates safety, quality and efficacy of drugs. CDSCO has not received any application from Swedish researchers to carry out clinical trials of a newly developed vaccine on patients suffering from coronary artery diseases in the country.

(e): Government of India has launched National Programme for Prevention and Control of Cancer, Diabetes, Cardiovascular Diseases and Stroke (NPCDCS) which is implemented for interventions up to District level under the National Health Mission. NPCDCS has a focus on awareness generation for behaviour and life-style changes, screening and early diagnosis of persons with high level of risk factors and their referral to higher facilities for appropriate management.

While Health is a State subject, the Central Government supplements the efforts of the State Government. The patients suffering from various NCDs are treated at different levels of healthcare institutions located in District Hospitals and Community Health Centres (CHCs) besides Medical Colleges and tertiary healthcare institutions. The treatment at Government health care facilities is either free or highly subsidized for the poor and needy. Awareness generation activities are also undertaken by the State and Central Governments.