

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

**LOK SABHA  
UNSTARRED QUESTION NO.5502  
TO BE ANSWERED ON 26<sup>TH</sup> JULY, 2019**

**CASES OF POLYCYSTIC OVARY SYNDROME**

**5502. SHRI JANARDAN SINGH SIGRIWAL:**

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

- (a) whether the Government is aware that cases of Polycystic Ovary Syndrome (PCOS), hormonal disorder in women particularly in teenage girls in increasing day-by-day in the country and if so, the details thereof and the reasons therefor;
- (b) whether the Government has conducted any study to find the causes and treatment of said disease and if so, the details and the findings thereof;
- (c) if not, whether the Government proposes to undertake a study in near future keeping in view the common phenomena of the disease in women and if so, the details thereof;
- (d) whether the Government has invented a vaccine to combat PCOS in teenage girls and if so, the details thereof; and
- (e) other measures being taken by the Government to combat the said diseases and create awareness among women in this regard?

**ANSWER**

**THE MINISTER OF STATE IN THE MINISTRY OF HEALTH AND  
FAMILY WELFARE  
(SHRI ASHWINI KUMAR CHOUBEY)**

(a): Yes. The preliminary data on National Health Portal on Polycystic Ovary Syndrome (PCOS) indicates prevalence of this syndrome ranging from 2.2% to 26% among adolescents. The observational studies indicate urbanisation and change of lifestyle, as one of the reasons for this.

(b) & (c): Government of India through Indian Council of Medical Research (ICMR) has launched a large-scale representative country wide epidemiological multicentric study on PCOS, titled 'Evaluation of prevalence, regional phenotypic variation, co-morbidities, risk factor and the variations, in response to different therapeutic modalities among Indian Woman with polycystic ovary syndrome (PCOS): A Multicentre study across India". Phase II of this study will make understand the risk factors/causes of PCOS among Indians with links to Diabetes, for devising nationwide strategy to prevent and treat the condition successfully.

(d): No information is available on invention of such a vaccine.

(e): Recognizing the growing problem of PCOS, ICMR- NIRRH, Mumbai established a multidisciplinary clinic for PCOS in 2016, where girls and women with PCOS are given holistic management with a multidisciplinary team of specialists namely dermatologists, dietician, yoga expert, endocrinologist, gynaecologist, psychiatrist and IVF expert to address various problems faced by PCOS women,. The patients are also counselled on diet and Yoga demonstration is done so that women can practice the same at home. They are also followed up at frequent intervals.

Recently a project has been initiated with support from SATYAM (DST) to assess the Effect of Yoga on physical and emotional wellbeing of infertile women with PCOS.

A team of likeminded institutes in Mumbai working towards the cause of PCOS (ICMR NIRRH, MRC Kasturba Health Society, Tata Institute Social Sciences and PCOS Society of India) have come together to form a consortium named as ABHIYAAN PCOS with the objective to improve awareness and sensitize health providers and community on the issue of PCOS.

The investigators involved in the ongoing phase-I of PCOS study are periodically conducting awareness camps and PCOS workshops for creating awareness among young and adult women across the country.

.....