

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

UNSTARRED QUESTION NO:938

ANSWERED ON:05.08.2011

SICKLE CELL DISEASE

Patle Kamla Devi ;Yadav Shri Madhusudan

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

- (a) whether cases of sickle cell disease has been reported from various parts of the country including Chhattisgarh;
- (b) if so, the details thereof during the last three years and the current year, State/UT-wise;
- (c) whether the Government has received any proposal from certain State Governments for the prevention and treatment of the said disease;
- (d) if so, the details thereof alongwith the action taken thereon; and
- (e) the measures taken/proposed by the Government for the treatment and rehabilitation of patients suffering from sickle cell disease?

Answer

THE MINISTER OF HEALTH & FAMILY WELFARE (SHRIGHULAM NABI AZAD)

(a) & (b): Yes. Sickle Cell disease is prevalent throughout Central India starting from Gujarat and Maharashtra in the west and through Chhattisgarh, Madhya Pradesh and Jharkhand up to the Eastern state of Orissa. There is also a pocket of Sickle Cell disease in the Nilgiri Hills in Tamil Nadu and the Wayanad District of Kerala. As per the National Multicentric Study of ICMR (2000-2005), the sickle cell gene was present in all the tribal groups and the gene frequency varied from 0.005 to 0.110. As there is no National Programme on Sickle Cell Disease, the detail of the cases in different parts of the country during the last three years and the current year is not available.

(c) & (d): The Government of Chhattisgarh has furnished a proposal consisting of a proposed Plan of Action for the prevention and management of Sickle Cell Disease. A core Working Group of experts, constituted by the DGHS, has formulated guidelines for preparing an Action Plan for the states to implement a programme for Prevention and Controo of Sickle Cell Anaemia, Thalassemia and Haemophilia.

(e): A Plan of Action on Genertic Blood disorders including sickle Cell Disease has been prepared by an expert sub-group for formulating 12th Five Year Plan for Non-Communicable Diseases.