

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

UNSTARRED QUESTION NO:5071

ANSWERED ON:26.04.2013

CANCER TREATMENT

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

- (a) the steps taken/proposed by the Government to promote research relating to development of affordable techniques for treatment of cancer patients and the major achievements made as a result thereof;
- (b) whether the Government has taken note of development of the indigenous machine Bhabhatone for the affordable treatment of cancer at half of the cost;
- (c) if so, the details thereof along with the present status of its utilisation in various hospitals;
- (d) whether certain countries have shown interest in the said machine; and
- (e) if so, the details thereof and the details of the countries to which these machines have been donated?

Answer

THE MINISTER OF HEALTH AND FAMILY WELFARE (SHRI GHULAM NABIAZAD)

(a) to (c) Research relating to development of affordable techniques for treatment of cancer is carried out in the government sector in Indian Medical Council Research, Department of Science and Technology; Department of Atomic Energy etc. Bhabha Atomic Research Centre has developed Bhabhatron and Society for Applied Microwave Electronics Engineering and Research (SAMEER) has developed Linear Accelerators (LINAC) under Department of Electronics & Information Technology.

There are twenty two Bhabhatron II machines operational in India. Out of these, two are being used for radiation biology research and the rest for the treatment of cancer patients. More than 10,000 patients have already been treated on these machines effectively. State-wise List is annexed.

(d) & (e) Yes, one Unit of Bhabhatron II has been given to Vietnam under Programme of Action for Cancer Therapy (PACT) of the International Atomic Energy Agency.