

GOVERNMENT OF INDIA
DEPARTMENT OF ATOMIC ENERGY
RAJYA SABHA
UNSTARRED QUESTION NO.1123
TO BE ANSWERED ON 11.02.2021

USE OF RADIO ISOTOPE FOR TREATMENT OF CANCER

1123 # Smt. Kanta Kardam:

Will the PRIME MINISTER be pleased to state:

- (a) whether Cyclotron is used for the production of Radio Isotope which is used for diagnosis and treatment of cancer, if so, the type of cancer in which this Radio Isotope is used;
- (b) whether the Cyclotron-30, the biggest cyclotron for medical use facility in the country is operational now; and
- (c) if so, the cost incurred in the research and construction of it?

ANSWER

THE MINISTER OF STATE FOR PERSONNEL, PUBLIC GRIEVANCES & PENSIONS AND PRIME MINISTER'S OFFICE (Dr. JITENDRA SINGH):

- (a) Yes, Sir. Cyclotron produced Radio Isotopes are used in almost all types of cancers for their diagnosis and treatment.
- (b) Yes, Sir. The 30 MeV Medical Cyclotron(Cyclone-30) at VECC, Kolkata is operational now.
- (c) The cost incurred for the medical cyclotron facility upto 31-12-2020 is ₹ 224.13 crore.

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