

GOVERNMENT OF INDIA  
DEPARTMENT OF ATOMIC ENERGY  
**RAJYASABHA**  
**UNSTARRED QUESTION NO.1604**  
ANSWERED ON 13/03/2025

**DAE CONTRIBUTION IN CANCER CARE**

1604. SHRI KESRIDEVSINH JHALA

Will the PRIME MINISTER be pleased to state:-

- (a) whether Department of Atomic Energy (DAE) is contributing towards cancer care at national level;
- (b) if so, the details of contributions of DAE towards cancer care at national level;
- (c) whether DAE is involved or part of the global cancer care network;
- (d) if so, the details of DAE's contributions thereof;
- (e) whether DAE contributes towards capacity building in terms of human resource in the field of cancer care (Oncology); and
- (f) if so, the details of contributions thereof?

**ANSWER**

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

(a)&(b) Yes, Department of Atomic Energy (DAE) through Tata Memorial Centre (TMC -an-aided Institution) is providing comprehensive cancer care to one and all, through its motto of excellence in Service, Education and Research. TMC being a premier cancer centre in the country, provides leadership in guiding the national /international policy and strategy for cancer care by:-

- Promoting outstanding services through evidence-based practice of oncology.
- Commitment of imparting education in cancer to students, trainees, professionals, employees, and the public.

- Emphasizing on research that is affordable, innovative, and relevant to the need of the country.

In order to fulfill the above motto, Tata Memorial Centre has expanded in seven states by establishing 11 Hospitals/Institutions in the States of Maharashtra, Uttar Pradesh, Andhra Pradesh, Punjab, Assam, Odisha and Bihar.

Further, DAE has approved the project “National Cancer Grid” with the aim of bringing uniformity in cancer care and to ensure that all patients with cancer care should be able to receive state-of-the-art treatment irrespective of their geographical location and socio-economic status. The project has helped patients to get the treatment at their door step and improved the rate of survival of the patients. The procurement of high quality drug became affordable and accessible to the patients. Bhabha Atomic Research Centre (BARC) is also actively involved in production of radio-isotopes & radiopharmaceuticals for diagnostic & therapeutic applications to combat cancer, in addition to R&D of new isotopes and radiopharmaceuticals towards affordable cancer care at national level. These isotopes and radiopharmaceuticals are supplied to various hospitals and nuclear medicine centers across the country through Board of Radiation & Isotope Technology (BRIT).

(c)&(d) TMC has undertaken the project as “Expanding access to prevention and treatment of cancer through the “National Cancer Grid” which has multiple objectives and one of among them is improving the global cancer care with emphasis on Low and Middle Income Countries.(LMIC), Sharing best practices with other LMICs, training in oncological specialties for LMIC physicians and paramedical staff, quality assurance programmes in diagnosis/treatment, capacity building in cancer research and expanding the activities to other LMICs

Besides this a programme - NCG Vishram Cancer Care Connect was launched on 17<sup>th</sup> September 2019 in Vienna on the sidelines of 63<sup>rd</sup> General Conference of IAEA. By virtue of this, National Cancer Grid (NCG) established and managed by Tata Memorial Centre (TMC), which has participating stake holders from India and it has been made open to the cancer hospitals and other relevant institutes from foreign countries.

(e)&(f) Yes, Radiation Medicine Centre (RMC), BARC Mumbai is actively engaged in capacity building and human resource development, which include M.D. (Nuclear Medicine) course for doctors and the M.Sc. (Nuclear Medicine and Molecular Imaging Technology) and M.Sc. (Hospital Radiopharmacy) courses for science graduates, at the Radiation Medicine Centre, Mumbai under the aegis of Homi Bhabha National Institute (HBNI). TMC is also engaged in skill development for creating oncology related manpower for the country. TMC conducts medical and para medical courses in the field of oncology viz. MD, DM, MCh, MSc (Clinical Res), Oncology Nursing, Critical Care Nursing, Nuclear Medicine, etc.

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