

GOVERNMENT OF INDIA
DEPARTMENT OF ATOMIC ENERGY
LOK SABHA
UNSTARRED QUESTION NO-2005
ANSWERED ON 11/02/2026

PROTON BEAM THERAPY

2005. SHRI DEVESH SHAKYA

Will the PRIME MINISTER be pleased to state:-

- (a) Whether the Government is aware that an advanced and state-of-art radiotherapy technique for cancer treatment namely Proton Beam Therapy is at present available only in a few medical institutions located in Chennai and Mumbai in the country whereas this facility has not yet been made available in premier tertiary healthcare institutions of national importance such as the All-India Institute of Medical Sciences (AIIMS), New Delhi;
- (b) if so, the technical, financial or institutional reasons therefor;
- (c) whether the Government proposes to develop this high-cost Proton Beam Therapy technology indigenously by utilizing the scientific and technical expertise of the Bhabha Atomic Research Centre (BARC) to make it accessible in AIIMS and other Government medical institutions; and
- (d) if so, the progress made so far in this regard and whether any timeline has been fixed for its implementation and if so, the details thereof?

ANSWER

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

- (a) to (d) Tata Memorial Centre (TMC) under the administrative control of Department of Atomic Energy (DAE) has established Proton Beam Therapy facility at Advanced Centre for Treatment, Research and Education in Cancer (ACTREC), Navi Mumbai (a constituent unit of TMC) at the cost of Rs. 468.00 Crores. The facility is equipped with state-of-the-art Pencil Beam Scanning (PBS) and Intensity Modulated Proton Therapy (IMPT) technology, comprising three 360-degree rotating gantries and robotic patient positioning systems. The facility has been dedicated to the Nation by the Hon'ble Prime Minister on May 11, 2023 and since then it is functional to its fullest capacity. TMC has provided treatment to 748 patients up to 31st December, 2025.
