

GOVERNMENT OF INDIA
DEPARTMENT OF ATOMIC ENERGY
RAJYA SABHA
UNSTARRED QUESTION NO – 484
ANSWERED ON 24/07/2025

RESEARCH PLAN FOR USING NUCLEAR TECHNOLOGY IN MEDICINE

484. DR. AJEET MADHAVRAO GOPCHADE

Will the PRIME MINISTER be pleased to state:-

- (a) actions taken by the Department of Atomic Energy (DAE) to collaborate with the Indian Council of Medical Research (ICMR) on a joint project aimed at utilizing heavy water for breast cancer treatment, identifying new nuclear medicines, and for updating the regulations of The Atomic Energy Act of 1962;
- (b) whether Government is planning to establish research group of DAE, ICMR, Sanjay Gandhi Postgraduate Institute of Medical Sciences, AIIMS and private hospitals to develop a collaborative research strategy for the medical application of nuclear technology;
- (c) measures been implemented regarding the proposed expansion of domestic heavy water production?

ANSWER

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

- (a) At present, DAE has no collaboration with ICMR.
- (b) At present, collaborative research for the medical application of nuclear technology is not envisaged.
- (c) DAE are having adequate stock of Heavy Water to meet its current requirement.
