

**GOVERNMENT OF INDIA
ATOMIC ENERGY
LOK SABHA**

UNSTARRED QUESTION NO:2219
ANSWERED ON:17.12.2003
NEW WOUND HEALING TECHNIQUE
RENUKA CHOWDHURY

Will the Minister of ATOMIC ENERGY be pleased to state:

- (a) whether Scientists at the Bhabha Atomic Research Centre (BARC) have lately developed a new wound healing technique;
- (b) if so, the details thereof;
- (c) whether such healing technique available in developed countries is very costly; and
- (d) if so, the steps proposed to be taken to make the said technique cost effective and available to the common man?

Answer

THE MINISTER OF STATE IN THE MINISTRY OF PLANNING, MINISTER OF STATE IN THE MINISTRY OF STATISTIC PROGRAMME IMPLEMENTATION, MINISTER OF STATE IN THE DEPARTMENT OF ATOMIC ENERGY, MINISTER OF ST THE DEPARTMENT OF SPACE AND MOS IN THE MINISTRY OF COMMERCE AND INDUSTRY (ADDITIONAL CHARGE)
S.B. MOOKHERJEE:

- (a) Yes, Sir.
- (b) The Bhabha Atomic Research Centre (BARC) has developed a new `Hydrogel Wound Dressing` useful for burns, leprosy ulcers, diabetic foot ulcers, animal bites, plastic surgery etc. The treatment based on this methodology is known as `moist wound healing` and is well established in Europe, America and other developed countries. No such dressing was manufactured in India till recently and imported equivalents are expensive.
- (c) Yes, Sir. The healing techniques are expensive even in developed countries.
- (d) The product developed in BARC using radiation processing is cost effective. The technology has beertransferred to industry and product is available in the market.