

**GOVERNMENT OF INDIA
HEALTH AND FAMILY WELFARE
LOK SABHA**

UNSTARRED QUESTION NO:3130
ANSWERED ON:14.12.2005
TREATMENT OF BONE CANCER
Sethi Shri Arjun Charan

Will the Minister of HEALTH AND FAMILY WELFARE be pleased to state:

(a) whether Indian doctors have made a breakthrough in treatment of bone cancer by replacing the affected bone by a successful operation in a hospital in India recently; and

(b) if so, the details thereof ?

Answer

THE MINISTER OF STATE IN THE MINISTRY OF HEALTH & FAMILY WELFARE (SMT. PANABAKA LAKSHMI)

(a) & (b) : According to ICMR, Prof. Mayilvahanan Natrajan, Prof. of Orthopedic Surgery, Madras Medical College and Government General Hospital, Chennai (Tamil Nadu) has developed a prosthesis in collaboration with Arc Bio Medical Engineering and have been using it on bone Cancer patients. Details are annexed (Annexure).

Annexure Note on Bone Bank (Ref: The Hindu, Sunday, Sept. 5, 2004)

Dr. Mayilvahanan pioneered the treatment of patients with bone cancer by introducing the technology of " custom mega prosthesis" in bone tumours in 1988 itself. By this specialized technique, amputation in patients can be avoided by surgically removing the bone affected with tumour and replacing it with a metallic prosthesis which is made according to the patient's individual requirement. It is known as the custom mega prosthesis. This prosthesis can be done for both hands and legs.

The custom mega prosthesis has been submitted for a patent with the Director General of patents.

In India, the cost will be about Rs.3000/- if the bone is taken out of a cadaver and is processed in the bone bank.