

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

UNSTARRED QUESTION NO:82  
ANSWERED ON:24.07.2000  
RADIOGRAPHERS WORKING IN ZONE OF RADIATION  
BASUDEB ACHARIA

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

- (a) whether the Government are aware that the radiographers are working always in the zone of radiation and contracting cancer;
- (b) if so, the permissible dose of radiation per month that a radiographer can be exposed; and
- (c) the number of doses of X-ray per month done by the radiographers in various hospitals in Delhi, hospital-wise?

**Answer**

THE MINISTER OF STATE IN THE MINISTRY OF HEALTH AND FAMILY WELFARE (PROF. RITA VERMA)

(a)&(b): Radiographers working in the X-ray Department are working in the zone of Radiation. However, because of the distance and protective devices used by them, the radiation exposure is negligible. The exposure to Radiation by the Radiographers is constantly monitored by the Bhaba Atomic Research Centre, Mumbai (on quarterly basis) and it is ensure that the permissible limits are per the Guidelines of BARC are not exceeded.

(c): The number of X-rays done by Radiographers per month in each of the three Central Government Hospitals is as under:-

LHMC	600 - 700 (approx.)
Safdarjung Hospital	1200-1500 (approx.)
Dr. R.M.L.Hospital	800 - 1000 (approx.)

The radiation level is monitored by Bhaba Atomic Research Centre, Mumbai through TLD badges supplied by them. Till date worker has been advised by the BARC to be away from Radiation Zone due to excess of desired radiation.