



#### هشتمین کنگوه فیزیک پزشکی ایران ۸ و ۹ خرداد ماه ۱۳۸۷- تهران- دانشگاه شهید بهشتر

The 8th Iranian Congress of Medical Physics



# فيزيك يزشكي در خدمت بيماران وارتقاء سلامت جامعه

### (Poster)

### Health Protection in Nuclear Weapons Explosion

Soheila Refahi, Yaser Tabarraei

## Ardebil and Qom University of Medical Sciences

Recently there have been increased concerns about the development and possible use of nuclear weapons by certain countries. Radiation can either kill or damage living cells. Minor exposures to radiation may have little or no appreciable effect on an individual. Major exposures to radiation, however, can have health effects. Radiation emergencies can have severe psychological effects on the victims, as the fear of an unfamiliar, invisible and potentially terrible danger causes acute stress. It must be realized that such stress and its associated problems can arise even when radiation exposure is low or insignificant. The aim of this document is to explain radiation emergencies and health protection guidance in the event of a nuclear weapons explosion. It provides advice to the general public on how best to act to minimize any health consequences in the event a nuclear weapon explosion or if such an event is anticipated.