

Man is exposed to ionizing radiation since time immemorial. secondly
World War II, however, exposure to ionizing radiation significantly increased violent
development of applications in various fields of human activity. At the same time also increased
knowledge of its effects, which subsequently led to the need to effectively protect
exposed to the maximum possible degree. This is also true in nuclear medicine.
There is already achieved protection against the effects of ionizing radiation relatively
high level, yet still evolving. Understanding the nature of general principles and
particular action is a matter quite simple, can not do
without adequate knowledge of physics, biology, and to a lesser extent in other fields.