

BIOLOGICAL EFFECTS OF THE IONIZING RADIATIONS AND RADIOPROTECTION

Rosana MANEA^{*}, Ileana MUNTEAN^{*}

***Abstract:** The paper presents the main biological effects of X radiations upon living tissues they cross and that is conditioned by dose, mainly acting due to accumulations of small doses for a long time, affecting the skin, blood tissue, gonads, eye and in the long term may lead to cancer. These effects may be reduced through radioprotection, totality of health protection measures against the risks occurred as a consequence to ionizing radiations, measures applied not only to the medical staff that make use of the X rays but also to patients upon which X rays are used for diagnostic purposes*

***Key words:** X radiation, biological effects, radioprotection*

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