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Method of Treatment of Immune Cell Disorder Caused by Ionizing Radiation

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New method to optimize the medical treatment algorithm of the patients exposed to ionizing radiation have been elaborated. Inclusion of the „Pacovirina-plus” in the medical treatment algorithm of the radiation exposed patients, demonstrates the improvement of the health indices, manifested through the significantly decreasing of asthenia, dyspeptic and depressive syndromes; restoration of the CD4/CD8 ratio and antioxidant activity through the return to norm limits of ALAT and ASAT parameters with the diminishing of the activity of lipid’s peroxide oxidation. For investigation, was selected 69 persons, participating at the diminution of consequence of nuclear accident from Chernobyl (PDCNAC), with place of residence in the department Orhei (town Orhei – 18 (26, 1%)), 51 villages of department Orhei – (79,9%), 68 men and one women, with $48,6 \pm 8,0$ average age. The group of patients was divided in 2 groups by the randomized method: experimental 33 patients and control 36 patients. The data shows that "Pacovirina-plus" administrated together with pyridoxine and essential have positive influence on the immune system and lead to normalization of CD4/CD8 ratio. The results of the influence of "Pacovirina-plus" preparation on some biochemical parameters of participants in diminishing of consequences of the Chernobyl nuclear accident (PDCCNA) also are presented in this paper. A tendency of normalization of parameters concerned with their comeback in the normal range, have been elucidated. The administration of the „Pacovirin-plus” preparation had a beneficial effect on the evolution of the main clinical signs after three months of treatment. According to the results recorded in the experimental group a clear trend towards increasing the total number of lymphocytes in peripheral blood, have been demonstrated, which shows the immunoregulatory action of the preparation. "Pacovirina-plus" is a biological product of plant origin, ecologically pure, obtained by simple technology. This remedy is easily tolerated by patients, without adverse effects.