

# THE INFLUENCE OF CHEMO-RADIATION TREATMENT ON THE APPEARANCE AND DEVELOPMENT OF PSYCHOLOGICAL DISORDERS IN BREAST CANCER PATIENTS

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**Summary.** There have been studied the influence of chemo-radiation therapy on the appearance and development of psychological disorders in women with breast cancer. The diagnosis of psycho-emotional tension was established using HAM technique (health, activity, mood), based on the change of the emotional state and Spielberger – Hanin reactive anxiety scale. The study demonstrated that using HAM method the differential self-appraisal test indices were low, while the level of Spielberger – Hanin scale of the reactive anxiety was high during the course of chemo-radiation treatment. These indices confirmed the expressed psycho-emotional tension in women with breast cancer, undergoing a course of chemo-radiation treatment.

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**Key words:** *breast cancer, psychological disorders, psycho-emotional tension, radical mastectomy, chemotherapy, radiation therapy.*