MODERN VIEWS ON THE OCCURRENCE OF EMOTIONAL BURNOUT SYNDROME IN MEDICAL WORKERS: A LITERATURE REVIEW

**Abstract.** Topicality. The specificity of the profession of a medical worker requires high mental stability, responsibility for the life and health of people, the ability to work in extreme conditions, constant emotional stress. These factors can lead to mental exhaustion, loss of work capacity, and the emergence of emotional burnout syndrome, therefore consideration of the factors that lead to the formation of this phenomenon is relevant.

**Purpose and task.** To study and analyze the peculiarities of the occurrence and manifestation of the syndrome of emotional burnout.

**Materials and methods.** Methods: bibliosemantic and historical. Materials: 140 domestic and foreign literary sources and electronic resources were processed.

**Research results.** Currently, there is no clear understanding of the essence of the "burnout" syndrome, which is characterized as a complex multicomponent phenomenon that includes more than 100 symptoms. Numerous publications are devoted to the risk factors of its occurrence, three groups of variables can be distinguished that have a certain influence on the development of this syndrome in "person-to-person" professions: personal, role, and corporate (professional-organizational).
As a result of the analysis of the literature, it should be noted that today several models of its development are distinguished.
- a one-factor model that defines emotional burnout as a state of physical, emotional, and mental exhaustion.
- a two-factor model in which burnout consists of exhaustion and depersonalization.
- three-factor model, burnout consists of emotional exhaustion, depersonalization, reduction of personal achievements;
- four-factor model, burnout consists of emotional exhaustion, depersonalization of professional activity, depersonalization of subjects of professional activity, reduction of personal achievements.

Conclusions. The syndrome of emotional burnout is characterized by a combination of factors in the mental, somatic and social spheres of life. Studies devoted to this problem are presented in the literature quite widely, but today there are no certain clinical-psychological and medical technologies aimed at the prevention of this syndrome.

Key words: emotional burnout, factors, exhaustion, depersonalization, professional activity.

Introduction. In the modern world, there is an increase in the requirements for qualified specialists, for the productivity of their work, and for the quality of the work they perform.

The professions in which emotional burnout occurs most often (from 30 to 90% of employees) include doctors, teachers, psychologists, social workers, rescuers, and law enforcement officers. Numerous studies have shown that the profession of a medical worker is one of those that to a greater extent forms a predisposition to the development of the phenomenon of mental burnout. Emotional burnout among doctors is observed more often than among the rest of the population [1].

The specificity of the profession of a medical worker requires high mental stability, responsibility for people's lives and health, the ability to work in extreme conditions, constant emotional stress. Quite often, they are faced with difficult situations that require a quick solution. Therefore, it is these factors that can lead to mental exhaustion, loss of work potential and the emergence of emotional burnout syndrome, and therefore consideration of the factors that determine the formation of this phenomenon and its symptoms is very relevant and appropriate.

As it known, the syndrome of psycho-emotional exhaustion and burnout acquires dominant importance as an intrapersonal conflict, primarily due to its dampening and leveling effect on the life activities of a significant number of people [2].

Recently, "emotional burnout" has been evaluated as a mechanism of psychological protection in the form of complete or partial exclusion of emotions in response to activities associated with intense emo-
tional ties, which radically affects professional activity and changes the quality of a person's life.

Burnout syndrome is characterized by emotional desolation, indifference and even a cynical attitude towards patients, a negative attitude towards oneself, a feeling of dissatisfaction with work and underestimation of professional achievements, disruption of relations with colleagues, in the family, deterioration of the quality of life, physical and mental health.

**The aim and tasks.** To study and analyze the characteristic features of the occurrence and manifestation of the syndrome of emotional burnout.

**Methods of research.** Bibliosemantic and historical methods were used during the research. The analysis of the nature of the occurrence of the syndrome of professional burnout was carried out by studying domestic and foreign literary sources, electronic resources. In total, we analyzed 142 sources.

**Results of research.** According to the International Classification of Diseases (ICD-10), at present, burnout syndrome can be attributed to the rubric "Problems associated with difficulties in overcoming life complications and managing life", categories "Burnout" (Z73.0), or "Adjustment disorders" (F 43), or "Neurasthenia" (F 48) [3]. Currently, there is no clear understanding of the essence of the "burnout" syndrome. It is noted as a complex multicomponent phenomenon that includes more than 100 symptoms. Despite numerous publications on this problem, most of them date back to the 1980s, were descriptive. Only a few researchers rose above the descriptive level and presented a statistical analysis of the data [4; 5].

After the phenomenon of burnout became generally recognized, the question of its risk factors naturally arose. According to a number of authors, it is possible to distinguish three groups of variables that have a certain influence on the development of this syndrome in "person-to-person" professions: personal, role-associated, and corporate (professional-organizational).

The personal risk factor includes variables that are specifically related to a person's internal state, namely: a tendency to introversion (low social activity and adaptability, social shyness, etc.); reactivity (a dynamic characteristic of temperament, manifested in the strength and speed of emotional response); low or excessively high empathy (the ability to understand the emotional state of other people, understand the world of their mental experiences, sympathize, etc.); rigidity and authoritarianism in relation to others; low level of self-esteem and self-esteem [6].

Role-associated risk factors for burnout include the following variables: role conflict, uncertainty; dissatisfaction with professional and personal growth; low social status; negative gender-role (tender) attitudes that limit the rights and freedom of the individual.

Corporate (professional and organizational) risk factors of emotional burnout are: injustice and inequality of relationships in the organization; negative or "cold" relations with colleagues, lack of corporate cohesion, weak organizational culture; intra-company conflicts; lack of administrative, social and professional support; lack of planning freedom; strict control, which hinders initiative and creativity; removal from decision-making, lack of necessary feedback from management or other units of the organization [4].

According to K. Maslach, it is corporate factors, the nature and state of work that carry a greater potential risk of burnout for employees than personal ones [7]. He emphasizes that burnout is not a loss of creative potential, not a reaction to boredom, but rather "emotional exhaustion that occurs against the background of interpersonal stress" [8; 9].

According to the opinions of various authors, it is the creation of a positive psychological climate in teams that plays a very important role in the formation of the burnout syndrome in an individual [10].

The founder of stress theory H. Selye and his followers [11; 12; 13] proves that the cause of burnout is professional stress. The concept of stress substantiated by him explains all cases of personality maladjustment or negative changes in a person's life. Scientists B. Perlman and E. Hartman [5; 14] proposed a model that considers emotional burnout in the context of professional stress, which proceeds in turn in four stages. The first stage includes primary stress in the work situation. The second stage is characterized by changes in perception during stress. The third stage includes the body's main reactions to a stressful situation, and the fourth stage determines the consequences of the stress itself [15]. Scientists believe that the syndrome of emotional burnout is directly characteristic of the fourth stage [17].

Some scientists claim that every individual is prone to emotional burnout. They prove that the rate of "burning" is not related either to education, or to the level of intelligence, or even to the salary [18]. Sensitive and emotional people, as a rule, notice the symptoms of burnout earlier, but the intensity of the process does not depend on mental organization or personal history. The only thing that matters in the intensity of the development of the process is the situation at work and the professional's attitude towards it [18].

In general, the development of the emotional burnout syndrome is preceded by a period of increased
activity [19], when a person is completely immersed in work, refuses needs that are not directly related to it, forgets about his own needs, and then comes the primary symptom – exhaustion. It is defined as a feeling of overstrain and depletion of emotional and physical resources, a feeling of fatigue that does not go away after a night's sleep. After a period of rest, the severity of these phenomena temporarily decreases or disappears, but they are restored again after returning to the former working situation.

The second symptom of emotional burnout syndrome is personal detachment [20]. At the same time, in extreme manifestations of emotions, almost nothing worries a person [21], does not cause an emotional response – neither positive nor negative circumstances.

The third sign of this disemotional state is a sense of loss of self-efficacy and/or diminished self-esteem: vision of prospects in one's activity disappears, self-satisfaction is lost, faith in one's professional capabilities is lost [22; 23].

As a result of the analysis of the literature devoted to the development of the syndrome of professional (emotional) burnout, it should be noted that several models of its development are currently distinguished:

- one-factor model (A. Pines and E. Aronson [24]) – which defines emotional burnout as a state of physical, emotional and mental exhaustion. This model sees a long-term involvement in a situation that depletes the emotional resources of the body as a starting factor. Exhaustion, in this model, is the main component, and other behavioral manifestations are consequences [25].

- two-factor model (D. V. Dierendonck and W.B. Schaufeli [26]) – in which burnout consists of exhaustion (affective component) and depersonalization (cognitive component). The reason for this is the discrepancy between the expectations and the requirements of the profession;

- three-factor model (C. Masluch and S. Jackson [27]) – burnout consists of emotional exhaustion (the main component), depersonalization (deformation of relations with other people – negativism, cynical attitude towards patients, not towards one's own person) and reduction of personal achievements (tendency to negatively evaluate one's own work) [28; 29];

- four-factor model (B. Parman and E. Hartman) – in which burnout consists of emotional exhaustion, depersonalization of professional activity, depersonalization of subjects of professional activity, reduction of personal achievements [30].

Due to the lack of a clear understanding of the essence of the burnout syndrome, there are several variants of its "genesis" in the literature.

As noted by J. Grinberg [31; 32], emotional burnout is a process that goes through 5 stages: first, the medical worker enjoys work and is full of enthusiasm; at the second stage, such manifestations as fatigue, sleep disturbances and apathy, decreased interest in productive work, and a violation of the working regime are observed; in the third stage, chronic fatigue, psychosomatic manifestations, irritability appear; at the fourth stage, psychosomatic manifestations lead to a loss of working capacity, negativism regarding one's own professional and personal achievements appears; the fifth stage is the transition of chronic symptoms into an acute form [33; 34; 35].

According to Lai J, Ma S, Wang Y, et al. [36], the syndrome of emotional burnout develops in stages, and each stage is characterized by certain signs: (1) "tension phase" – the harbinger and provoking factor is a fixed state of anxious tension, in which there is a decrease in mood, irritability and depressive reactions; (2) "resistance phase" – trying to avoid the influence of emotional factors and limiting one's own emotional response to minor psycho-traumatic influences, professional communication becomes superficial and formal; "exhaustion phase" – the energy tone, mood decreases, there is a feeling of hopelessness, the level of anxiety increases with signs of disorganization of mental activity, pronounced psychosomatic disorders appear [37].

It is interesting that not all researchers consider the phenomenon of emotional burnout to be a negative process. Thus, Bayes A, Tavella G, Parker G. [38] interprets the "burnout syndrome" as a natural, normal process, because the burning of a person as self-giving is one of the most important global meanings of human existence, since only in burning does a person reveal himself to others [39].

Conclusions. Thus, the syndrome of emotional burnout is characterized by a combination of factors in the mental, somatic and social spheres of life. Studies devoted to the study of emotional burnout are presented in the literature quite widely, but today there are no certain clinical-psychological and medical technologies aimed at preventing this syndrome.

That's why, in order to strengthen and preserve the internal and physical health of medical workers, the concept of comprehensive prevention and early diagnosis of emotional burnout syndrome should be developed, thereby improving the quality of medical care provided to patients.
REFERENCES:


