

**Sartipi H. N.**, Student  
Post-Graduating Faculty,  
Speciality «Dentistry, the 2-nd year of study  
*Hamedan University of Medical Sciences,  
Hamedan, Iran*

**Tkachenko E.V.**, Candidate of Medical Sciences,  
Professor Assistant

**Abdelmaged I.**, Student

**Khalafalla A.**, Student

**Hennes G.**, Student

*Higher State Educational Establishment of Ukraine  
«Ukrainian medical stomatological academy», Poltava  
Poltava, Ukraine*

## **BEHAVIORAL STRATEGIES STUDY APPLIED ASPECTS**

Such a behavioral strategy as coping is paid much attention in different countries: in the USA at depression among African Americans, Caribbean Blacks and non-Hispanic Whites [6, p. 405-413]; in the UK with cystic fibrosis [1, p. 42-50]; in Australia in adolescents with cystic fibrosis [36, p. 134132]; in China with stress in children [19, p. 337-342]; in Germany with stress and current sleep bruxism [12, p. 2]; in Iran at psychic problems [24, p. 33-38; 27, p. 140-148], in the ones and in normal people (comparison) [7, p. 1931-1937], in mothers whose children are sick in epileptic attacks (coping therapy) [2, p. 32-38], at breast cancer (together with ethno-gender aspect while emphasizing that women with different ethnicities and educational levels used different coping strategies with breast cancer as well in the disease different phases) [20, p. 1575-1583], with pain in athlete and non-athlete women [11, p. 159-164], in female married employees during group reality therapy (assessing both coping and escape-avoidance strategies thus describing ethno-gender typological aspect) [28, p. 19-30; 34, p. 305-311], in mothers of children with Down syndrome (with ethno-gender-age aspect) [26, p. 254-262], in mothers of children with major thalassemia children (ethno-gender-age aspect together) [9, p. 387-393], in women with unplanned pregnancies [25, p. 73-84], in hemophilic children caregivers [23, p. 68-73].

adolescents with thalassemia major (with ethno-ages aspect) [14, p. 67-74], in soldiers [17, p. 195-200], at stress (among substance addicts and rehabilitators) [4, p. 25-45] and in other people [3, p. 27-47], in part in teachers [22, p. 471-478], in female-headed households (with ethno-gender typologic aspect) [33, p. 1-21], in veterans with post-traumatic stress disorders [21, p. 153-161], in dialysis patients with correlation between stressors and age (ethno-age aspect) [29, p. 184-193], at stress in male adolescents (thus, ethno-gender-age typological aspect taking into account) [32, p. 315-322], at occupational stress in men and women (relation between occupation role stressors and personal strain and relation between personal coping and personal strain were found to be stronger in women than in men) [31, p. 393-408], in adolescents students (males and females) while their peer pressure (with ethno-gender-age aspect) [16, p. 96-100], at job stress in shift- and non-shift personnel [30, p. 920-926], in the students concerning their spiritual health [18, p. 133-153], in both-gendered nurses in job satisfaction prediction (so, with ethno-gender aspect) [15, p. 50-58], in the patients with special diseases [10, p. 777-786], in the individuals with visual impairments [13, p. 21-29], at multiple sclerosis (the religious coping) [5, p. 470-479]. Iranian psychologists proved that people possessing D-type personality had weaker general health and emotion-oriented coping style comparatively to the ones of non-D type as well as that D-type can effect the different coping styles application [8, p. 43-52]. Also we met the work concerning coping strategies in Romania in orthodontic patients [35, p. 147-149].

Thus, coping strategies assessment is useful both in theoretical and applied medicine.

### References:

1. Abbott J. Coping with cystic fibrosis / J. Abbott // J R Soc Med. – 2001, N. 96 Suppl 43. – P. 42-50.
2. Aghayousefi A.R. Effect of coping therapy of mothers on severity of generalized epileptic attacks of their children / A.R. Aghayousefi, N. Sharif // The Journal of Qazvin University of Medical Sciences. – December 2013 – January 2014. – Vol. 17, N. 5(70). – P. 32-38.
3. Amani M. The study of direct and indirect effects of personality characteristics, emotions, and perceived stress on stress coping styles /

- M. Amani, A. Emami // *Journal of personality & Individual Differences*. – Winter 2015. – Vol. 3, N. 6. – P. 27-47.
4. Arjmand Ghujur K. A comparative study of personality patterns, stress coping strategies and attribution styles among substance addicts and rehabilitators / K. Arjmand Ghujur, A. Eghbali // *Journal of Personality & Individual Differences*. – Spring 2015. – Vol. 4, N. 7. – P. 25-45.
  5. Askari N. The role of religious coping in predicting quality of life in patients with multiple sclerosis / N. Ascari, Z. Nikmanesh // *Armaghan Danesh*. – August 2014. – Vol. 19, N. 5 (88). – P. 470-479.
  6. Assari S. Chronic medical conditions and major depressive disorder: differential role of positive religious coping among African Americans, Caribbean Blacks and non-Hispanic Whites / S. Assari // *International Journal of Preventive Medicine*. – 2014. – Vol. 5, N. 4. – P. 405-413.
  7. Bagherzade A. Emotional structure and coping strategies in patients with psychogenic non epileptic seizure, epilepsy and control groups / A. Bagherzade, A. Mani, A. Firouzabadi, A.A. Asadipooya // *International Journal of Advanced Biological and Biomedical Research (IJABBR)*. – 2014. – Vol. 2, N. 6. – P. 1931-1937.
  8. Bakhshayesh A.R. Surveying the relation between D-personality type, coping styles, and general health / A.R. Bakhshayesh, F. Dehghani // *Clinical Psychology & Personality (Daneshvar Raftar)*. – Fall 2013 – Winter 2014. – Vol. 20, N. 9. – P. 43-52.
  9. Behrouzian F. Relationship of coping mechanism of mothers with mental health of their major thalassemic children / F. Behrouzian, N. Khajeh Mougahi, A. Ziaee Kajbar // *The Scientific Journal of Iranian Blood Transfusion Organization (KHOON)*. – Winter 2014. – Vol. 10, N. 4(42). – P. 387-393.
  10. Fatemeyan Rad F. The effect of training on coping with stress, anxiety and depression among patients with special diseases / R. Fatemeyan, N. Mostanbt, M. Zoladl // *Armaghan Danesh*. – January 2014. – Vol. 18, N. 9(81). – P. 777-786.
  11. Ghazaie M. The comparison of pain perception, coping strategies with pain and self-efficacy of pain in athlete and non-athlete women / M. Ghazaie, F. Tajkzadeh, R. Sadeghi, S.L. Ramezan // *The Quarterly*

Journal of Fundamentals of mental health. – July-August 2015. – Vol. 17, N. 4. – P. 159-164.

12. Giraki M. Correlation between stress, stress-coping and current sleep bruxism / M. Giraki, C. Schneider, R. Schäfer, P. Singh, M. Franz, W.H. Raab, M.A. Ommerborn // *Head Face Med.* – 2010 Mar. – N.6. – P. 2.
13. Habibi Z. Efficacy of emotional intelligence training on coping strategies with stress in individual with visual impairments / Z. Habibi, M. Khosro Javid, A.Hosein Khanzadeh // *Holistic Nursing and Midwifery (The Journal of Nursing and Midwifery faculties Guilan Medical University).* – Spring 2014. – Vol. 24, N. 71. – P. 21-29.
14. Hashemi F. Effect of coping strategies training on its use by thalassemia major adolescents: a randomized controlled clinical trial / F. Hashemi, A. Naderi Darshori, F. Sharif, M. Karimi, N. Zare // *International Journal of Community Based Nursing and Midwifery.* – January 2015. – Vol. 3, N. 1. – P. 67-74.
15. Jafari E. the role of spiritual well-being and coping skills in prediction of job satisfaction in nurses / E. Jafari, H. Kamarzarin, E. Kordmirza, V. Seyfizadeh // *Journal of Clinical Nursing and Midwifery.* – Spring 2015. – Vol. 4, N. 1. – P. 50-58.
16. Khazaie T. Evaluating the relationship between peer attachment and coping styles among adolescents / T. Khazaie, Gh. Shafirzadeh, M. Resani, Y. Rashedi, S. Ahmadpour // *Modern care Journal.* – 2015. – Vol. 12, N. 2. – P. 96-100.
17. Khedri B. Study of relationship between coping styles and mental health of soldiers / *Journal of Nurse and Physician within war.* – Winter 2015. – Vol. 2, N. 5. – P. 195-200.
18. Khoshtinat V. Survy of religious coping style in PNU students with an emphasis on spiritual elevation / V. Khoshtinat // *Medical Ethics.* – Winter 2015. – Vol. 8, N. 30. – P. 133-153.
19. Li Y. Stressors, coping strategies and psychosocial state of children with chronic illness / Y. Li, M. Wei, G. Page, S. Immelt // *Zhongguo Dang Dai Er Ke Za Zhi.* – 2008 Jun. – Vol. 10, N. 3. – P. 337-342.
20. Mehrabi E. Coping response following a diagnosis of breast cancer: a systematic review / E. Mehrabi, S. Hajian, M. Simbar, M. Houshyari, F. Zayeri // *Electronic Physician.* – December 2015. – Vol. 7, N. 8. – P. 1575-1583.

21. Mehrabi H.A. An investigation the relationship between post traumatic growth and attachment styles, stress coping styles & quality of life in veterans with post-traumatic stress disorder / H.A. Mehrabi, S. Norrozi, Gh.R. Mirzaei, H. Kazemi // *Journal of nurse and physician within war.* – Fall 2014. – Vol. 2, N. 4. – P. 153-161.
22. Mohammadi R. Relationship between dyadic coping strategies with stress, marital satisfaction and burnout in the teachers / R. Mohammadi, A. Khosh Konesh, A. Zadeh Mohammadi // *Journal of Family Research.* – Winter 2014. – Vol. 9, N. 4(36). – P. 471-487.
23. Motaharian E. Investigating the relationship between coping strategies and quality of life among the principal caregivers of children with hemophilia / E. Motaharian, A.R. Mahmoodi Rad, M. Ziaee, N. Hajat Zade // *Modern Care Journal.* – 2015. – Vol. 12, N. 2. – P. 68-73.
24. Nezam Zadeh Z. Defense mechanisms and coping strategies in individuals with generalized anxiety disorder and major depressive disorder / Z. Nezam Zadeh, H. Ghamari Givi // *Iranian Journal of Psychiatry and Clinical Psychology.* – Spring 2008. – Vol. 14, N. 1(52). – P. 33-38.
25. Nourizadeh R. Women's coping with an unplanned pregnancy / R. Nourizadeh, E. Mohammadi, M. Simbar // *Payesh.* – January-February 2015. – Vol. 14, N. 1. – P. 73-84.
26. Pourmohamadreza Tajrishi M. The effect of problem-focused coping strategy training on psychological symptoms of mothers of children with Down syndrome / M. Tajrishi Pourmohamadreza, P. Azadfallah. S. Hemmati Garakani, E. Bakhshi // *Iranian Journal of Public Health.* – February 2015. – Vol. 44, N. 2. – P. 254-262.
27. Rahgozar F. The relationship of expressed emotion, codependency, coping styles for family stress and the symptoms of obsessive-compulsive patients / F. Rahgozar, A.R. Zahiredin, S. Rajezi Esfahani. S. Noorbakhsh // *Scientific Journal of Rehabilitation Medicine.* – Fall 2015. – Vol. 4, N. 3. – P. 140-148.
28. Ramzi L. The effectiveness of group reality therapy in coping strategies / L. Ramzi, Z. Sepahri Shamloo, A. Alipour, H. Zare // *Family Psychology.* – Fall 2014 – Winter 2015. – Vol. 1, N. 2. – P. 19-30.
29. Rayyani M. Stressors and coping strategies in dialysis patients / M. Rayyani, Z. Shahrokhi, S. Sabzevari, A.A. Haghdoost // *Iranian*

Journal of Critical Care Nursing (IJCCN). – Fall 2014. – Vol. 7, N. 3. – P. 184-193.

30. Sadat Khoshouei M. Comparison of job stress, stressful life events, and coping styles between shift and non-shift personnel / M. Sadat Khoshouei, N. Farhadi // Journal of Research and Health. – Winter 2014. – Vol. 4, N. 4. – P. 920-926.
31. Sadeghi Vazin A. Occupational stress, coping strategies and strains: a model of gender invariance / A. Sadeghi Vazin, O. Shokri, H. Pourshahriar, F. Bagherian // Developmental Psychology (Journal of Iranian Psychologists). – Summer 2014. – Vol. 10, N. 40. – P. 393-408.
32. Saffari M. Stress, coping strategies and related factors in adolescents / M. Saffari, F. Ghofranipour, M. Mahmoudi // Payesh. – May-June 2015. – Vol. 14, N. 3. – P. 315-322.
33. Shabanzadeh A. The relationship with stress coping styles and social support with quality of life of female-headed households / A. Shabanzadeh, M. Zare Bahram Abadi, H. Hatami, K. Zaharakar // Sociology of women (Journal of Woman and Society). – Winter 2014. – Vol. 4, N. 4(16). – P. 1-21.
34. Tavakolizadeh J. Marital adjustment: the predictive role of spiritual intelligence and coping strategies / J. Tavakolizadeh, A.A. Soltani, M. Panahi // Ofogh-e-Danesh. – Winter 2014. – Vol. 19, N. 5 (Supplement). – P. 305-311.
35. Vaida L. Correlations between stress, anxiety and coping mechanisms in orthodontic patients (letter to the editor) / L. Vaida, I.B. Todor, D. Bertossi, C. Corega // Iranian Journal of Public Health. – January 2015. – Vol. 44, N. 1. – P. 147-149.
36. Withers A.L. Management issues for adolescents with cystic fibrosis / A.L. Withers // Pulm Med. – 2012, N. 2012. – P. 134-132.