

**Громадська організація
«Південна фундація медицини»**

ЗБІРНИК ТЕЗ НАУКОВИХ РОБІТ

**УЧАСНИКІВ МІЖНАРОДНОЇ
НАУКОВО-ПРАКТИЧНОЇ КОНФЕРЕНЦІЇ**

**«ЗАБЕЗПЕЧЕННЯ ЗДОРОВ'Я НАЦІЇ
ТА ЗДОРОВ'Я ОСОБИСТОСТІ
ЯК ПРІОРИТЕТНА ФУНКЦІЯ ДЕРЖАВИ»**

22-23 січня 2016 р.

**Одеса
2016**

Tkachenko E. V.
Candidate of Medical Sciences, assistant

Bufalane Ibrahim
student

*HSEEU «Ukrainian medical stomatological academy»
Poltava, Ukraine*

STRESS-RESILIENCE STUDY IN HSEEU «UMSA» UKRAINIAN STUDENTS

We met following works while analyzing the Egyptian scientists works: about oxidative stress biomarkers in urinary tract infection in camels [5, 1363], nutritional correlates of perceived stress among students at Assiut university [4, 14176].

Iranian scientists publications on the subject concerned human lactoferrin cytoprotective and antioxidant effects [15, 188], purslane seeds effect on oxidative stress biomarkers in diabetic patients [21, 95], potential risk factors associated with stress urinary incontinence among Iranian women [16, 205].

Scientists from Netherlands paid their attention to neuroimaging or resilience to stress [18, 529-532].

This is the first study performed by the British scientists into the psychological outcomes for both parents living in an Arabic country (Jordan) and caring for children with cancer [12, 88]. Jordanian pediatricians oncologists studied predictors of stress of parents of a child with cancer [13, 81-99]. Taiwan oncologists paid their attention to gender differences of parental distress in children with cancer emphasizing that mothers express higher distress level than fathers under these conditions [20, 598-606]. American scientists from Texas determined that fathers expressed bigger marital stress (25 and 28% correspondingly) than mothers under these conditions in part because of different coping strategies using [3, 365-76]. Gender differences in parental coping at children's cancer are also described by German oncologists while more effective maternal coping concluding [10, 325-335]. More emotion-focused coping and greater social support-seeking in mothers were described in Australian scientists works [2, 907-915]. Scientists from Netherlands mentioned such major coping strategies as social support, communication, and search for meaning at children's cancer [11, 466-484]. Australian oncologists studied coping and resilience to stress in nurses dealing to adult patients with malignant tumors [8, 131-204].

American scientists discovered monoaminooxidase A role in rapid dendritic remodeling at stress [9, 1195-1207].

Individual mechanisms of stress-resilience and coping mechanism are discussed by American [6, 446-457; 19, 164-171], Italian [7, 747-761] scientists. Resilience

intra-individual variability [17, 39]. Japanese scientists discovered genes of coping different forms (emotional-focused coping, problems solving et al.) as well as of adaptation at stress in men and women [1, 00360].

Another area of interests represents stress managing. In part there is a work performed by Australian scientists about vitamins and minerals applying for managing stress in women [14, 104-118].

We used methodics of determining the stress-resilience and social adaptation (Т.Х. Холмс, Р.Х. Паре) while performing our experiments in the Ukrainian students.

As our results demonstrated as a whole the examined students possessed high resilience to stress.

REFERENCES

1. Aizawa S. Genetic association of the transcription of neuroplasticity-related genes and variation in stress-coping style /S.Aizawa, Y.Ishitobi, K.Masuda, A.Inoue, H.Oshita, H.Hirakawa, T.Ninomiya, Y.Maruyama, Y.Tanaka, K.Okamoto, C.Kawashima, M.Nakanishi, H.Higuma, M.Kanehisa, J.Akiyoshi //Brain Behav.-2015 Sep.-Vol.5, N.9.-P.00360.
2. Clarke N.E. Gender differences in the psychological experience of parents of children with cancer: a review of the literature /N.E.Clarke, M.C.McCarthy, P.Downie, D.M.Ashley, V.A.Anderson //Psychooncology.-2009 Sep.-Vol.18, N.9.-P.907-915.
3. Dahlquist L.M. Parents of children newly diagnosed with cancer: anxiety, coping and marital distress /L.M. Dahlquist, D.I.Czyzewsky, K.G.Kopeland, C.L.Jones, E.Taub, J.K.Vaughan //J Pediatr Psychol.-1993 Jun.-Vol.18, N.3.-P.365-376.
4. El-Ansari W. Nutritional Correlates of Perceived Stress among University Students in Egypt /W.El-Ansari, G.Berg-Beckhoff //Int J Environ Res Public Health.-2015 Vol.12, N.11.-P.14164-14176.
5. El-Deeb W.M. The diagnostic and prognostic importance of oxidative stress biomarkers and acute phase proteins in Urinary Tract Infection (UTI) in camels /W.M.El-Deeb, S.Buszynski //PeerJ.-2015.-N.3.-P.1363.
6. Feder A. Psychobiology and molecular genetics of resilience /A.Feder, E.J.Nestler, D.S.Charney //Nat Rev Neurosci.-2009 Jun.-Vol.10, N.6.-P.446-457.
7. Franklin T.B. Neural mechanisms of stress resilience and vulnerability /T.B.Franklin, B.J.Saab, I.M.Mansuy //Neuron.-2012 Sep.-Vol.75, N.5.-P.747-761.
8. Gillman L. Strategies to promote coping and resilience in oncology and palliative care nurses caring for adult patients with malignancy: a comprehensive systematic review /L.Gillman, J.Adams, R.Kovac, A.Kilcullen, A.House, C.Doyle //JBI Database System Rev Implement Rep.-2015 Jun.-Vol.13, N.5.-P.131-204.

9. Godar S.C. Maladaptive defensive behaviours in monoamine oxidase A-deficient mice /S.C.Godar, M.Bortolato, R.Frau, M.Dousti, K.Chen, J.C.Shih //Int J Neuropsychop.-2011.-Vol.14.-P.1195-1207.
10. Goldbeck L. Parental coping with the diagnosis of childhood cancer: gender differences, dissimilarity within couples, and quality of life //Psychooncology.-2001 Jul-Aug.-Vol.10, N.4.-P.325-335.
11. Grootenhuis M.A. Adjustment and coping by parents of children with cancer: a review of the literature /M.A. Grootenhuis, B.F.Last //Support Care Cancer.-1997 Nov.-Vol.5, N.6.-P.466-484.
12. Masa'Deh R. Parental stress when caring for a child with cancer in Jordan: a cross-sectional study / R.Masa'Deh, J.Collier, C.Hall //Health Qual Life Outcomes.-2012 Jul.-N.10.-P.88.
13. Masa'Deh R. predictors of stress of parents of a child with cancer /R.Masa'Deh, J.Collier, C.Hall, F.Alhalaiga //Glob J Health Sci.-2013 Sep.-Vol.5, N.6.-P.81-99.
14. McCabe D. The effectiveness of essential fatty acid, B vitamin, vitamin C, magnesium and zinc supplementation for managing stress in women: a systematic review protocol /D. McCabe //JBI Database System Rev Implement Rep.-2015 Aug.-Vol.13, N.7.-P.104-118.
15. Safaeian L. Cytoprotective and antioxidant effects of human lactoferrin against H₂O₂-induced oxidative stress in human umbilical vein endothelial cells /L.Safaeian, S.H.Javanmard, Y.Mollanoori, N.Dana //Adv Biomed Res.-2015 Aug.-N.4.-P.188.
16. Vahdatpour B. Potential risk factors associated with stress urinary incontinence among Iranian women /B.Vahdatpour, M.Zargham, M.Chatraei, F.Bahrami, F.Alizadeh //Adv Biomed Res.-2015 Sep.-N.4.-P.205.
17. Van der Werff S.J. Neuroimaging resilience to stress: a review /S.J. Van der Werff, J.N.Pannekoek, B.M.Elzinga, N.J.van der Wee //Front Behav Neurosci.-2013 May.-N.7.-P.39.
18. Van der Werff S.J. Neuroimaging of resilience to stress: current state of affairs /S.J. Van der Werff, J.N.Pannekoek, D.J.Stein, N.J.van der Wee //Hum Psychopharmacol.-2013 Sep.-Vol.28, N.5.-P.529-532.
19. Wood S.K. Resilience to the effects of social stress: evidence from clinical and preclinical studies on the role of coping strategies /S.K.Wood, S.Bhatnagar //Neurobiol Stress.-2015 Jan.-N.1.-P.164-171.
20. Yeh C.H. Gender differences of parental distress in children with cancer /C.H.Yeh //J Adv Nurs.-2002 Jun.-Vol.38, N.6.-P.598-606.

21. Zakizadeh E. The Effect of Purslane Seeds on Biomarkers of Oxidative Stress in Diabetic Patients: A Randomized Controlled Cross-over Clinical Trial /E.Zakizadeh, E.Faghihimani, P.Saneei, A.Esmaeilzadeh //Int J Prev Med.-2015 Oct.-N.6.-P.95.