

**SCI-CONF.COM.UA**

# **DYNAMICS OF THE DEVELOPMENT OF WORLD SCIENCE**



**ABSTRACTS OF VIII INTERNATIONAL  
SCIENTIFIC AND PRACTICAL CONFERENCE  
APRIL 15-17, 2020**

**VANCOUVER  
2020**

# **DYNAMICS OF THE DEVELOPMENT OF WORLD SCIENCE**

Abstracts of VIII International Scientific and Practical Conference

Vancouver, Canada

15-17 April 2020

**Vancouver, Canada**

**2020**

**UDC: 159.99**

**TO THE QUESTION ON COPING STUDY IMPORTANCE**

**Tkachenko Elena Viktorovna**

cand.med.sci., assistant

**Sokolenko Valentina Nikolayevna**

cand.biol.sci., associate professor

**Mamazhonov Abdalla**

student

Ukrainian medical stomatological academy

Poltava, Ukraine

**Sartipi Hamed Nosratolla**

Dentist

Tehran city, Iran

The review article deals to the question of coping behavioral strategies study importance in Psychology, Pedagogy, Medicine different branches while emphasizing the fact that coping behavioral strategy has positive effect on human upbringing, health, treatment, study while avoiding – the negative one.

**Key words:** coping behavioral strategy, avoiding, family psychology.

Stressors influence can be mitigated by effective coping strategies usage. It is known that abundant, chronic stress can result into row of pathological conditions which are considered as civilization diseases. Representation about the non-specific in a disease reached its special development in the conception of Hanz Selyeh about stress. He states that various stimuli (heat, coldness, toxin, pain) always cause standard, non-specific reaction. Stress together with other four pathogenetic factors such as parabiosis, pathological dominantia, cortical-visceral bonds, neuro-trophic function are non-specific themselves but give disease different clinical pictures in a combination one with another. It is known that every disease represents integrity of

the specific and the non-specific, the special and the common. It creates the actuality of studying the coping strategies.

Adapted coping response inventories are necessary to be created and the Iranian Version established by Tarbiat Modarres University Psychology chair head, professor Maria Aguilar Vafaei with her followers represents a brilliant example of it in part for the college students [1, p.489-513]. The Swedish compiled their own version for the patients with progressive muscular diseases for coping with health-related problems [2, p.368-375]. The Dutch adapted the coping questionnaire ways [3, p.337-352], the Spanish [4, p.1938-1054], in New Zealand (in the students) [5, p.81-101], in Spain (in adolescents) [6, p.657-676], Australia – shortened form [7, p.161-170] and for Sudanese children refugees in Australia [8, p.383-388], the USA (for children refugees) [9, p.259-269], Ethiopia and Kenia (for Sudanian boys refugees) [10, p.203-211], in England [11, p.41-55].

Except progressive muscular diseases, such coping strategies and inventories were established for HIV-positive men [12, p.237-244], in part in Japan [13, p.113-118], bronchial asthma in the American children and the ones from Iceland [14, p.338-350], for parents of children sick in cancer (Iranian version) [15, p.237-260] and for cancerous adult young patients [16, p.315-326], for mothers of children with learning disabilities [17, p.205-221], at parental alcoholism [18, p.247-257], for the patients with spinal cord [19, p.157-159] and brain injury [20, p.113-122], for the post-coronary heart diseases patients (in India) [21, p.234-238], for the patients with non-insulin-dependent diabetes mellitus (in Portugal) [22, p.312-318], at children's stress (the Indian version), for the patients with Parkinson's disease [23, p.101-107], for stroke patients and their caregivers, at boarderline states (in Netherlands) [24, p.237-251], ADHD in Iranian children (paternal coping) [25, p.283-293], distinguishing the American children's coping at aversive dental treatment [26, p.236-246], the Irish children's while their anesthetizing during decay process development [27, p.30-36], in dental orthodontics in the Romanian patients with fear of being rejected by peers, conflicts with adults (parents, teachers) especially at defect affecting patients' facials

attractiveness [28, p.147-149]. There are works about coping in the American patients at surgical preparing [29, p.435-439; 30, p.1237-1243].

As a whole children's coping dispositional and situational assessment with coping alternative models testing is in the attention's focus of many scientists in different countries [31, p.923-958].

There exist problem-focused coping directed to the stress source either stressor changing or eliminating as well as emotion-focused coping [32, p.115-118] directed to the stressors negative emotional results diminishing or liquidating that was assessed in Iranian children at stress (interparental conflict) by Aguilar-Vafaei M., Tarbiat Modarres Tehranian University psychologist and her followers [33, p.67-84] as well as Iranian children cognitive coping harmful influence on physical and psychological well-being during interparental conflicts in correlation with the children temperament (with creating the special questionnaire for children and adolescents) [34, p.14-26; 35, p.5-18], coping strategies for Iranian divorced women for assessing the challenges, psychological support [36, p.31-39] and maladaptation preventing [37, p.67-77], in part to come through their sexual well-being peculiarities after divorce [38, p.381-392]. It is important that such coping is in the psychologists' field of assessment for the children whose parents get divorced and got divorced [39, p.1269-1287] with finding out the commonalities and ethnic varieties among different countries, continents and cultures in life before, during and after divorce (in Europe, the USA, China) [40, p.2-13; 41, p.71-88; 42, p.447-468], for women without men (in Turkey) [43, p.24-34], gender differences for Iranian men and women after divorce [44, p.5-30]. There are also approach and avoidance coping [45, p.109-127], family-level coping (in part at students adaptation to study in college) [46, p.106-113], religious coping studied by Aguilar-Vafaei M. in part of Iranian students helps to come through stress conditions, to study better and to have better upbringing [47, p.81-93] and particularly for divorced Iranian women adjusting [48, p.395-403]. Coping in the pregnant [49, p.138-146] and after labors in part by cesarean section [50, p.132-136] is studied separately in Iran also by Aguilar-Vafaei M. and her followers.

It is worthy to remember that avoidance behavioral strategy is harmful for human health, well-being, is accompanied by difficulties in education and upbringing while coping is good and useful, accompanied by stronger health, better well-being, success in study and upbringing both for schoolchildren, for students, for different-aged and both-gendered people, for people living in different countries with various social status.

### **LITERATURE LIST**

1. Aguilar-Vafaei M.E., Abiari M. Coping Response Inventory: Assessing coping among Iranian college students and introductory development of an adapted Iranian Coping Response inventory (CRI) //Mental health, Religion & Culture.-2007.-Vol.10, N.5.-P.489-513.
2. Ahlström G., Wenneberg S. Coping with illness-related problems in persons with progressive muscular diseases: the Swedish version of the Ways of Coping Questionnaire //Scandinavian Journal of Caring Sciences.-2002.-N.16.-P.368-375.
3. Bramsen I., Bleiker E.M.A., Mattanja Triemstra A.H., Van Rossum S.M.G., Van Der Ploeg H.M. A Dutch adaptation of the ways of coping questionnaire: Factor structure and psychometric properties //Anxiety, Stress and Coping.-1995.-Vol.8, N.4.-P.337-352.
4. Munet-Vilaro F., Gregorich S.E., Folkman S. Factor Structure of the Spanish version of the Ways of Coping Questionnaire //Journal of Applied Social Psychology.-Vol.32, N.9.-P.1938-1954.
5. Barker-Collo S.L. Relationship of the Dissociative Experiences Scale to demographics, symptomatology, and coping strategies in a New Zealand student sample //Journal of Trauma & Dissociation.-2001.-N.2.-P.81-101.
6. Crean H.F. Social support, conflict, major life stressors, and adaptive coping strategies in Latino middle school students: An integrative model //Journal of Adolescent Research.-2004.-Vol.19, N.6.-P.657-676.

7. Eyles D.J., Bates G.W. Development of a shortened form of the Coping Responses Inventory – Youth with an Australian sample //North American Journal of Psychology.-Vol.7, N.2.-P.161-170.
8. Savic M., Chur-Hansen A., Mahmood M.A., Moore V. Separation from family and its impact on the mental health of Sudanese refugees in Australia: a qualitative study //Aust N Z J Public Health.-2013 Aug.-Vol.37, N.4.-P.383-388.
9. Carlson B.E., Cacciatore J., Klimek B. A risk and resilience perspective on unaccompanied refugee minors //Soc Work.-2012 Jul.-Vol.57, N.3.-P.259-269.
10. Luster T., The Lost Boys of Sudan: coping with ambiguous loss and separation from parents /T.Luster, D.Qin, L.Bates, D.Johnson, M.Rana //Am J Orthopsychiatry.-2009 Apr.-Vol.79, N.2.-P.203-211.
11. Flouri E. Parental interest in children's education, children's self-esteem and locus of control, and later educational attainment: twenty-six year follow-up of the 1970 British Birth Control //Br J Educ Psychol.-2006 Mar.-Vol.76 (Pt 1).-P.41-55.
12. Côté J.K., Pepler C. A randomized trial of a cognitive coping intervention for acutely ill HIV-positive men //Nursing Research.-2002.-Vol.51, N.4.-P.237-244.
13. Fukunishi I., Hosaka T., Negishi M., Moriya H., Hayashi M., Matsumoto T. Avoidance coping behaviors and low social support are related to depressive symptoms in HIV-positive patients in Japan //Psychosomatics.-1997.-N.38.-P.113-118.
14. Svavarsdottir E.K., Rayens M.K., McCubbin M. Predicators of adaptation in Icelanding and American families on young children with chronic asthma // Family Community Health.-2015.-Vol.28, N.4.-P.338-350.
15. Aguilar-Vafaei M.E. Coping Health Inventory for Parents: Assessing coping among Iranian parents in the care of children with cancer and introductory development of an adapted Iranian Coping Health Inventory for parents //Children's Health Care.-2008.-N.37.-P.237-260.
16. Aguilar-Vafaei M.E. Psychometric Properties of Youth Coping Responses Inventory in a Study on Patients Undergoing Treatment for Cancer //Iranian Journal of Psychiatry and Clinical Psychology.-2007.-Vol.12, N.4.-P.315-326.

17. Al-Yagon M. Socioemotional and behavioral adjustment among school-age children with learning disabilities //Journal of Special Education.-2007.-Vol.40, N.4.-P.205-221.
18. Amodeo M., Griffin M.L., Fassler I., Clay C., Ellis M.A. Coping with stressful events: Influence of parental alcoholism and race in a community sample of women //Health & Social Work.-Vol.32, N.4.-P.-P.247-257.
19. Belciug M.P. Coping responses in patients with spinal cord injury and adjustment difficulties //International Journal of Rehabilitation Research.-2001.-N.24.-P.157-159.
20. Curtiss G., Klemz S., Vanderploeg R.D. Acute impact of severe traumatic brain injury on family structure and coping responses //Journal of Head Trauma Rehabilitation.-2000.-N.15.-P.113-1122.
21. Bhattacharya T. The post-coronary heart disease patients and their coping strategies //Indian Journal of Clinical Psychology.-1999.-N.26.-P.234-238.
22. Coelho R., Amorim I., Prata J. Coping styles and quality of life in patients with non-insulin-dependent diabetes mellitus //Psychosomatics.-N.44.-P.312-318.
23. Croyle K.L., Troster A.I., Fields J.A., Straits-Troster K.A., Lyons K.E., Pahwa R. Presurgical coping, depression, and quality of life in persons with Parkinson's disease //Journal of Clinical Psychology in Medical Settings.-Vol.10, N.2.-P.101-107.
24. Schuiringa H., van Nieuwenhuijzen, Orobio de Castro B., Lochman J.E., Mattys W. Effectiveness of an Intervention for Children with Externalizing Behavior and Mild to Borderline Intellectual Disabilities: A Randomized Trial // Cognit Ther Res.-2017.-Vol.41, N.2.-P.237-251.
25. Hosseinzadeh Maleki Z., Rasoolzadeh Tabatbaei, Mashhadi A., Moharreri F. Preschool children with attention deficit hyperactivity disorder: Iranian fathers' experiences //Journal of Fundamentals of Mental health.-2018 Jul-Aug.-Vol.20, N.4.-P.283-293.
26. Miller S.M., Roussi P., Caputo G.C., Kruus L. Patterns of children's coping with an aversive dental treatment //Health Psychol.-1995 May.-Vol.14, N.3.-P.236-246.



27. Carlson P., Freeman R. Dental caries, age and anxiety: factors influencing sedation choice for children attending for emergency dental care //Community Dent Oral Epidemiol.-2001 Feb.-Vol.29, N.1.-P.30-36.
28. Vaida L., Todor I.B., Bertossi D., Corega C. Correlations between stress, anxiety and coping mechanisms in orthodontic patients (letter to the editor) //Iranian Journal of Public Health.-January 2015.-Vol.44, N.1.-P.147-149.
29. Litt M.D. Preparation for oral surgery: evaluating elements of coping /M.D.Litt, C.Nye, D.Shafer //J Behav Med.-1995 Oct.-Vol.18, N.5.-P.435-439.
30. Litt M.D. Coping with oral surgery by self-efficacy enhancement and perceptions of control //J Dent Res.-1993 Aug.-Vol.72, N.8.-P.1237-1243.
31. Ayers T.S., Sandler I.N., West S.G., Roosa M.W. A dispositional and situational assessment of children's coping: Testing alternative models of coping //Journal of Personality.-1996.-N.64.-P.923-958.
32. Folkman S., Moskowitz J.T. Stress, positive emotion, and coping //Current Directions in Psychological Science.-2000.-Vol.9, N.4.-P.115-118.
33. Gharanbaghi F., Vafaei M. Children's appraisals, emotion-focused coping with familial conflicts and health: an investigation of cognitive theory of stress in school aged children // Psychological studies.-2010 Winter.-Vol.5, N.4.-P.67-84.
34. Gharanbaghi F., Vafaei M. The role of children's temperament, appraisals in interparental conflict and cognitive coping on their physical and psychosocial health //Advances in Cognitive Science.-Winter 2009.-N.4(40).-P.14-26.
35. Gharehbaghy F., Vafai M. Family emotional security and children's psychopathological symptoms and health: an investigation of the mediational and moderational role of children's temperament //Research in Psychological Health.-Winter 2008.-Vol.1, N.4.-P.5-18.
36. Mohajer Rahbari M., Mirzaii Najmabadi K., Shariati M. Challenges of divorced women: A qualitative study //Nursing Practice Today.-2014.-Vol.1, N.1.-P.31-39.
37. Gharehbaghy F., Tavakoli H. Early maladaptive schemas, irrational beliefs about relationship and marriage instability (in Persian) //Journal of Analytical-Cognitive Psychology.-2019 Spring.-Vol.10, Iss.36.-P.67-77.

38. Zarei F., Merghati-Khoei E., Taket A.R., Rahmani A., Smith T.G. How does divorce affect Iranian women's sexual well-being //Journal of Divorce & Remarriage.-2013.-N.54.-P.381-392.
39. Amato P.R. The consequences of divorce for adults and children //Journal of Marriage and the Family.-2000.-N.62.-P.1269-1287.
40. Amato P.R., James S. Divorce in Europe and the United States. Commonalities and differences across nations //Family Science.-Vol.1, N.1.-P.2-13.
41. Hung S.L. Chinese marriage and divorce in transition – Divorced women being trapped //The Hong Kong Journal of Social Work.-2008.-N.42.-P.71-88.
42. Kalmijn M., Uunk W. Regional value differences in Europe and the social consequences of divorce: A test of the stigmatization hypothesis //Social Science Research.-2007.-N.36.-P.447-468.
43. Özar Ş. Yakut-Cakar B. Unfolding the invisibility of women without men in case of Turkey //Women's Studies International Forum.-2013.-N.41.-P.24-34.
44. Fasaie S.S., Isari M. Tahile jensiati az zendegi pas az talagh: Motaleeye keyfi (Gender analysis of life after divorce: A qualitative study //Journal of Women in Development and Politics.-2012.-Vol.10, N.3.-P.5-30.
45. Al-Yagon M., Margalit M. Positive and negative affect among mothers of children with intellectual disabilities //British Journal of Developmental Disabilities.-2009.-Vol.55 (Part 2; N.109).-P.109-127.
46. Feenstra J.S., Banyard V.L., Rines E.N., Hopkins K.R. First-year students' adaptation to college: The role of family variables and individual coping //Journal of College Student Development.-2001.-Vol.42, N.2.-P.106-113.
47. Aguilar Vafaei M., Abiary M. Psychometric properties of the Iranian religious coping scale //Contemporary Psychology.-2010.-Vol.5, N.2.-P.81-93.
48. Zare S., Aguilar-Vafaei M.E., Ahmadi F. Ruyaruee manaviye zanane motallagheh dar sazgari ba padidaye talagh: Yek motaleeye keyfi (Spiritual encountering of divorced women in adjusting to the divorce phenomenon: A qualitative study) //Journal of Behavioral Sciences.-2014.-N.8.-P.395-403.

49. Bastani F., Hidarnia A., Montgomery K.S., Aguilar-Vafaei M.E., Kazemnejad A. Does Relaxation Education in Anxious Primigravid Iranian Woman Influence Adverse Pregnancy Outcomes? //J Perinat Neonat Nurs.-2006.-Vol.20, N.2.-P.138-146.
50. Abbaspoor Z., Akbari M., Najari S. Effect of foot and hand massage in post-cesarean section pain control: a randomized control trial. Pain management nursing //Official journal of the American Society of Pain Management Nurses.-2014.-Vol.15, N.1.-P.132-136.