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Internet-addiction of adolescents: Diagnostic problems and pedagogical prevention in the educational environment

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Abstract

© 2017 Authors. The relevance of the study is due to the emergence of new Internet-addictive strategies of behavior among adolescents. The use of existing of psychodiagnostic of methods on revealing behavioral addictions children and adolescents from the virtual space does not give valid results. This leads to uncontrolled development in the teenage years mechanism of pathological addictive behavior on the basis of which can then easily be navigated to chemical addictions (smoking, alcoholism, drug addiction). Despite the seemingly harmlessness of internet addiction, they became the first step in the addiction personality and pose a threat to state security. The purpose of this article is to explore the possibilities of psychodiagnostics Internet-addictive behavior among pupils, as well as the need to update pedagogical prevention of addictive behavior in the educational environment. The leading method of the research is the analysis of psycho-pedagogical literature and legal acts in the field of prevention of addictive behavior, psychodiagnostic methods. In the article, there is an attempt to justify the need for increasing a conceptual model of coping prevention for all types of addictive behavior. It is shown that at the stage of pedagogical prevention it does not make sense to develop various programs of prevention of drug using, nicotine, smoking blends, alcohol, gaming and Internet addictions. The single purpose of preventive educational activities is the formation of adaptive coping strategies and coping resources of adolescents and young people that are at the heart of personality's resilience. Results of the study showed that the method for the diagnosis of Internet addiction does not detect those adolescents who already have symptoms of adaptation disorder. They were discovered by us on the basis of a study of strategies of coping behavior of pupils.

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Keywords

Addictive behavior, Coping strategies, Internet-addiction, Pedagogical prevention, Personality resources, Resilience of a personality

References

- [1] Akin, A., & Iskender, M. (2011). Internet addiction and depression, anxiety and stress. *International Online Journal of Educational Sciences*, 3, 138-148

- [2] Andreou E., & Slovi, H. (2013). The association between Internet user characteristics and dimensions of Internet addiction among Greek adolescents. *International Journal of Mental Health and Addiction*, 11, 139-148
- [3] Antonenko, A. A. (2014). Internet-addiction of adolescents of computer games and online communication: clinico-psychological characteristics and prevention (PhD Thesis). Moscow State University of Medicine and Dentistry named after A. I. Evdokimov, Moscow
- [4] Asadullin, R. M., Teregulov, F. Sh., Koletvinova, N. D., & Egamberdieva, N. M. (2016). Fundamental and Applied Education-A New Look. *International Electronic Journal of Mathematics Education*, 11(1), 23-33
- [5] Dmitrieva, N. V. & Dubrovina, O. V. (2010). Virtually identical addictive personality. Ishim: Ishim State Pedagogical Institute named after P. P. Ershov
- [6] Drepa, M. I. (2010). Psychological prevention of Internet-addiction of students (Cand. PhD Thesis). Pyatigorsk State Linguistic University, Pyatigorsk
- [7] Egorov, A. Yu., & Golenkov, A. V. (2005). Behavioral addictions. *Bulletin of Chuvash University*, 2, 56-69
- [8] Egorov, A. Yu., Kuznetsova, N. A., & Petrova, E. A. (2005). Personality characteristics of adolescents with internet-addiction. *Mental health issues of children and adolescents*, 2, 20-27
- [9] Endler, N. S., & Parker, J. D. A. (1990). *Coping Inventory for Stressful Situations (CISS): Manual*. Toronto: Multi-Health Systems
- [10] Griffiths, M. D. (2005). A components model of addiction within a biopsychosocial framework. *Journal of Substance Use*, 10, 191-197
- [11] International Classification of Diseases (10th revision) (1994). Classification of behavioral and mental disorders. In Y. L. Nuller, & S. Y. Tsirkin, (eds.), *Clinical descriptions and guidelines for diagnosis*. St. Petersburg: Adis
- [12] Kamalova, L. A., & Raykova, E. (2016). The Quality and Criteria of Evaluation of Educational Work at the Universities of Russia at the Contemporary Stage. *International Electronic Journal of Mathematics Education*, 11(1), 71-79
- [13] Kardefelt-Winther, D. (2014). A conceptual and methodological critique of internet addiction research: towards a model of compensatory internet use. *Computers in Human Behavior*, 31, 351-354
- [14] Kirillova, T. V., & Shubnikova, E. G. (2012). The resilience of an individual as the basis for the primary prevention of ad-dictive behavior. *Bulletin of the Chuvash State Pedagogical University named after I.Y. Yakovlev*, 1-2, 79-83
- [15] Korolenko, C. P., & Dmitrieva, N. V. (2012). *Addictology*. Moscow: Institute of consulting and system solutions
- [16] Korolenko, C. P., & Donskih, T. A. (1990). *Seven ways to disaster*. Novosibirsk: Nauka
- [17] Kryukova, T. L., & Kuftyak, E. V. (2007). Questionnaire of ways of coping. *Journal of Practical Psychology*, 3, 93-103
- [18] Laconi S., Rodgers, R. F., & Chabrol, H. (2014). The measurement of Internet addiction: A critical review of existing scales and their psychometric properties. *Computers in Human Behavior*, 41, 190-202
- [19] Loskutova, V. A. (2004). Internet-addiction as a form of non-chemical addictive disorders (Cand. PhD Thesis). Novosibirsk State Medical Academy, Novosibirsk
- [20] Malygin, V. L. (2010). *Internet-dependent behavior of adolescents. Clinic, diagnostics, preventive maintenance*. Moscow: Education Arsenal
- [21] Malygin, V. L., Feklistov, K. A., Iskandirova, A. S., Antonenko, A. A., Smirnova, E. A., & Khomeriki, N. S. (2011). *Internet-addictive behavior. Criteria and methods of diagnosis*. Moscow: Moscow State Medical-Dental University
- [22] McNicol, M. L., & Thorsteinsson, E. B. (2017). Internet addiction, psychological distress, and coping responses among adolescents and adults. *Cyberpsychology, Behavior, and Social Networking*, 20, 296-304
- [23] Mendelevich, V. D. (2003). *Drug addiction and comorbid conduct disorder (psychological and psychiatric aspects)*. Moscow: MEDpress-inform
- [24] Mendelevich, V. D. (2013). Features of deviant behavior on the Internet. *Practical Medicine*, 1(66), 143-146
- [25] Mendelevich, V. D., & Sadykova, R. G. (2003). The addictive behavior of both psychological and psychopathological phenomenon (the diagnosis and differentiation problems). *Journal of Clinical Psychology*, 2, 153-158
- [26] Milani, L., Osualdella, D., & Di Blasio, P. (2009). Quality of interpersonal relationships and problematic Internet Use in adolescence. *CyberPsychology & Behavior*, 12, 681-684
- [27] Orzack, M. H. (1998). Computer addiction: what is it? *Psychiatric Times*, 15, 8-12
- [28] Ozkan, A., & Yildirim, K. (2016). Comparison of conventional and computer aided drafting methods from the view of time and drafting quality. *Eurasian Journal of Educational Research*, 62, 257-272
- [29] Pyatnitskaya, I. N. (1995). The development of drug addiction in the past and the present. *Questions of narcology*, 3, 75-94
- [30] Shubnikova, E. G. (2013). Theoretical approaches to the study of the structural components of the personality viability as the basis for the prevention of addictive behavior. *Russian Humanitarian Journal*, 1, 14-20

- [31] Shubnikova, E. G. (2014). Methodological analysis of the approaches and models of addictive behavior prevention in the educational environment. *Social pedagogy in Russia*, 4, 22-29
- [32] Shubnikova, E. G. (2015). Pedagogical prevention technology of addictive behavior of children and youth: a monograph. Moscow: Contemporary Education
- [33] Sirota, N. A., & Yaltonsky, V. M. (2003). Prevention of drug addiction and alcoholism. Moscow: Academy
- [34] Sirota, N. A., Yaltonsky, V. M., & Viderman, N. S. (2001). Prevention of drug addiction of adolescents: from theory to practice. Moscow: Genesis
- [35] Tao, R., Huang, X., Wang, J., Zhang, H., Zhang, Y., & Li, M. (2010). Proposed diagnostic criteria for Internet addiction. *Addiction*, 105, 556-564
- [36] Vlasova, V. K., Kirilova, G. I., & Curteva, O. V. (2016). Matrix Classification of Information Environment Algorithms Application in the Educational Process. *International Electronic Journal of Mathematics Education*, 11(1), 165-171
- [37] Weinstein, A. (2015). Internet-addiction: diagnosis, comorbidity and treatment. *Medical psychology in Russia: an electronic scientific journal*, 4(33), 3
- [38] Wiederhold, B. K. (2016). Low self-esteem and teens' Internet addiction: what have we learned in the last 20 years? *Cyberpsychology, Behavior, and Social Networking*, 6, 359-359
- [39] Young, K. (2000). Diagnosis-Internet-addiction. *World of Internet*, 2, 24-29
- [40] Young, K. (2015). Clinical aspects of internet-addictive behavior. *Medical psychology in Russia: the scientific e-journal*, 4(33), 2. Available at: <http://mprj.ru>
- [41] Young, K. S. (1996). Internet addiction: the emergence of a new clinical disorder. *CyberPsychology & Behavior*, 1, 237-244
- [42] Zeleeva, V. P., & Shubnikova, E. G. (2016). Prevention of addictive behavior based on the formation of teenagers' resilience. *International journal of environmental and science education*, 11(8), 2015-2023