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The Study of the Effects of Aerobic Exercises on the Level of Depression and Educational Progress in Femals Students of Grade One in High Schools of Khoramabad

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Abstract: Depression is a mental disorder, which is the feeling of hopelessness, anger, annoyance, lack of confidence and pessimism. To treat depression, various methods are used. Sport specialists have shown that physical activities have a positive effect on treating depression, especially aerobic exercises as a suitable treating method, which is cheap, and with no side effects. The purpose of this study was to investigate the effects of an 8-week period of aerobic exercise on the level of Khoramabad. For this purpose, 2454 students completed Beck Depression Inventory (BDI) questionnaires and their average in the first semester was recorded. After analyzing the questionnaire among 570 cases, which showed high degrees of depression and were in a low level of education, 60 students were randomly selected and divided into two grops of experimental (N=30) and control (N=30).

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Key Words: Aerobic Exercises, Depression, Educational Progress and Female Students.

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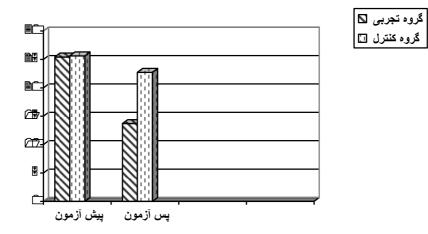
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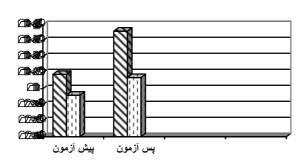
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- Babyak M. J.A. Blumenthal, S. Herman, et al. (2000). "Exercise . f for major depression: maintenance of Therapeutic benefit at 10 treatment months". Psychosom.med., 62: PP:633-638.
- 10. Broocks, A.B. Bandelow, G. Pekrun, et al.(1998). "Comparison of aerobic exercise, clomipramine, and placebo in the treatment of panic disorder". AM. J. Psychiatry; 155: PP:603-609.
- 11. Cooling Wood; Thomas. R, and others. (1999). "Physical fitness effects on substance abuse risk and pattern". Journal of drug education; V. 21, N 1,PP: 73-83.
- 12. David G. fassler, MD, lynne S. Dumas. (2003). "Recognizing, treating, and preventing childhood and adolescent depression".
- 13. Dimeo F and et al. (2001). "Benefits from aerobic exercise in patients with major depression". Br. J. sports med; APR. 35 (2): pp: 114-7.
- 14. Doyne, E.J.D. J., D.J. OSSIP- Klein, E, E.D. Bowman, K. M. osborn, I.B. mcdougall wilson and R.A. neimeyer. (1998). "Running versus weight lifting in the treatment of depression". J. consult. cline. psychol. 55: PP:748-745.
- 15. Dunn al. Trivedi MH. and et al. (2002). "The does response study: a clinical trial to examine efficacy and does response of exercise as

- treatment for depression". Control cline. Trials. Oct. 23 (5). PP: 5584-603.
- 16. Farmer, M.E., B.Z. Locke, K//: Ickl, A. L. Dannenberg, D.B. larson and L.S. radloff. (1998). "Physical activity and depressive symptoms: The nhanes I epidemiologic follow up study". AM. J. Epidemiol. 128: PP:1340-1351.
- 17. Gary. T. (1995). "The relationship voice stress, anxiety, and depression to life events and personal style variables". Social behavior and personality. Vol 16, N//, PP: 133-45.
- 18. Haines mary E and others. (1998). "The effects of depressed mood on academic performance in college student journal of college student development". V. 37, No 5,PP: 519-26. Oct.
- 19. Hassmen, P.N. Koivula and A. Uutela. (2000). "Physical exercise and psychological well- being: a population study in final and prev", Med.: 30: PP:17-25.
- 20. Kull M. (2000). "Risk groups of physical inactivity and relationship of inactivity with mental health of woman, outcomes health promotion, of stress medicine", 8(2). P: 93.
- 21. Lapinen, P.R.L. heikkinen and I. Ruppila. (2000). "Changes in intensity of physical exercise as predictors of depressive symptoms among older adults: an 8 years follow up". Prev. med. 30: PP:371-380.
- 22. Martinsen, E. W. A. Hoffart, and O.Y. solberg. (1999). "Aerobic and non aerobic froms of exercise in the treatment of anxiety disorders". stress med. 5:PP: 115-120.
- 23. Morgan, K. and P. A. bath. (1998). "Customary physical activity and psychological wellbeing: a longitudinal study". Age Agein. 27:PP: 35-40.
- 24. Shaaban, K.M.A.(2003). "A community study of depression in adolescent girls: prevalence and I Ts relation to age". Medical principles and practice, 12: PP:256-259.
- 25. Shaw Robin B.T: (2000). "The relationship of academic performance to depression and preceived home environment among gifted higschool students: dissertation abstracts international section A: Humanties and social sciences". jul. Vol. 61, 1-A: 86.

26. Tobias, S. (1996). "Anxety research in educational psychology".

Journal of education pyschology, Vol 7, No. 1.PP: 573-58 Z.

27. United nations report. (2003). "Global situation of youth shows chaning trend". Internet. un. org. events. youth.

28. Veale, D.K. LE. Fevre, C. Pantelis, V. DE. Souza, A. Mann, and A. Sargeant. (1994). "Aerobic exercise in the adjunctive treatment of depression: a randomized controlled trial". J. R. soc. med. 85: PP: 541-544.