Disclosure: No significant relationships.

Keywords: Depression; anxiety; exercise; cognitive functions

EPV0247

Comparison of psychological characteristics of women with depression and self-harming behavior

T. Medvedeva, S. Enikolopov, O. Vorontsova, O. Kazmina and O. Boyko

Clinical Psychology, Federal State Budgetary Scientific institution “Mental health research center”, Moscow, Russian Federation

Methods: The study involved 62 women with depression (age 16–23), 36 with self-harming, 26 did not have episodes of self-harm. Hamilton Scale (HDRS), Wisconsin Card Sorting Test (WCST), Iowa Gambling Task (IGT), SCL-90-R, Rosenberg self-esteem scale, Body Investment Scale (BIS) were used.

Results: Computer test execution time is shorter in the self-harming group, the total time in WCST and IGT tests is significantly shorter (T Test p<0.001), «inhibition» (HDRS) in this group is significantly lower. The self-harmed group demonstrates higher feelings of guilt (2.22±1.141 versus 1.367±1.326 in the non-self-harm group, p=<0.001), suicidal ideation (2.653±1.302 versus 1.100±1.373 p=<0.001), psychopathological symptoms in SCL90-R: sensitivity (1.812±0.861 versus 1.185±0.553), hostility (1.388±0.965 versus 0.729±0.700 p=0.004), GSI (1.539±0.705 versus 1.205±0.473 p=0.039), and a special attitude towards body - a decrease of somatic symptoms (HDRS), decreased parameter of “protection” of body and the «attitude to the body» in Body Investment Scale (BIS).

Conclusions: The study revealed psychological characteristics that distinguish a group of depressed women with self-harming: a mismatch of the severity of the components of depressive tirade - motor and ideator inhibition was less pronounced, while the affective component was significantly more pronounced. The body investment is reduced, the need to protect one's own body is ignored. High level of guilt, and the increased sensitivity characteristic of these patients can be a vulnerability factor.

Disclosure: No significant relationships.

Keywords: Implicit associations; Depression; self-harm; Suicidal risk

EPV0249

Physical training for patients with depression and anxiety - a randomized controlled study

Q. Zhai1,2*, Y. Freund-Levi1,2, A. Horn2, A.-C. Fridenberger2, E. Lager3, S. Montgomery1 and J. Persson1

1School Of Medical Sciences, Örebro University, Örebro, Sweden; 2Psychiatry, Örebro University Hospital, Örebro, Sweden; 3Department Of Neurology, Care Sciences And Society, Karolinska Institutet, Stockholm, Sweden and 4School Of Law, Psychology And Social Work, Örebro University, Örebro, Sweden

Methods: The study involved 62 women with depression and self-harming. The study revealed psychological characteristics that affect depressive and anxiety symptoms, by examining biomarkers in the blood and from the gut and also by measuring cognitive functions. Hopefully, this can lead to new treatment strategies for patients with depression and anxiety.

Conclusions: The project aims to be holistic in its approach, combining the defining clinical psychiatric symptoms in patients who have both depression and anxiety with the finding and evaluation of new biomarkers from blood and gut to improve cognitive functions.

Disclosure: No significant relationships.

Keywords: Depression; Anxiety; Exercise; cognitive functions

EPV0250

Anxiety-depressive disorders in patients with dysarthria against the background of organic brain damage

I. Mudenko and O. Kolenko

Department Of Neurosurgery And Neurology, Sumy State University, Sumy, Ukraine

Introduction: The presence of acquired speech disorders of varying evidence can cause maladjustment and job loss. Often there is no adequate psychological and psychotherapeutic assistance for these patients, which hinders the process of recovery and reintegration into the social environment.

Conclusions: The project aims to be holistic in its approach, combining the defining clinical psychiatric symptoms in patients who have both depression and anxiety with the finding and evaluation of new biomarkers from blood and gut to improve cognitive functions.

Disclosure: No significant relationships.

Keywords: Depression; Anxiety; Exercise; cognitive functions