

12. Дубкіна О.Ю. Окислювальний стрес і окислювальна модифікація білків / О.Ю. Дубкіна // Мед. хімія. – 2001. – Т. 3, № 2. – С. 43–45.

## **PAIN THRESHOLD PERCEPTION IN HSEEU «UMSA» IRAQI STUDENTS POSSESSING DIFFERENT TEMPERAMENT TYPE**

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While literary review performing we met a work about chronic pain measurement in different Asian countries (Malaysia, Cambodia and Northern Iraq) (7,1 and 61 % correspondingly) with rate increasing in geriatric population [6, p. 440–452]. Many works are dedicated to pain determining in veterans for example [7, p. 559–570]. Women veterans were more likely to endorse back pain and headaches but no gender by diagnosis interactions were significant [8, p. 1529–1533]. An increased understanding of coping skills for returning veterans is described in the work [9, p. 1176–1187]. Cigarettes smoking do not have any significant relationship with the severity of pain, swelling and trismus after surgical removal of lower third molar on male gender by the Iraqi scientists data [1, p. 117–121]. Migraine and other headache diagnoses are common among veterans, particularly women [3, p. 1573–1582]. Women veterans with any mental health diagnosis had significantly higher prevalences of nearly all categories of reproductive and physical disease diagnoses [4, p. 461–471]. Also we found works about pain treatment at chronic myeloid leukemia in men and women in Iraq (18–51 yeared) [5, p. 389–393], insulin, IL-6 level in men and women of 35–73 years at angina pectoris [2, p. 655–658].

Thus, the review performed demonstrated ethno-gender-aspects in pain study. We did not meet any works concerning pain peculiarities in different-temperamented people in Iraq as well as in pain peculiarities in Iraqi students.

That is why we assessed temperament in 54 Iraqi students from different courses studying «General medicine» and «Dentistry» (2009–2014 acad.years). The results demonstrated following distribution by temperament type: 27 choleric, 13 sanguinics, 7 phlegmatics and 7 melancholics. Choleric possessed the lowest pain threshold, then melancholics, sanguinics and phlegmatics were ranged.

#### Used literature:

1. Al-Delayme R.M. The effect of cigarette smoking on the severity of pain, swelling and trismus after the surgical extraction of impacted mandibular third molar // *J Clin Exp Dent.* – 2013. – Vol. 5, N. 3. – P. 117–121.
2. Al-Karkhi I.H., Ibrahim A.F., Yaseen A.K. Levels of insulin, IL-6 and CRP in patients with unstable angina // *Adv Clin Exp Med.* – 2013 Sep-Oct. – Vol. 22, N. 5. – P. 655–658.
3. Carlson K.F., Taylor B.C., Hagel E.M., Cutting A., Kerns R., Sayer N.A. Headache diagnoses among Iraq and Afghanistan war veterans enrolled in VA : a gender comparison // *Headache.* – 2013 Nov-Dec. – Vol. 53, N. 10. – P. 1573–1582.
4. Cohen B.E., Maguen S., Bertenthal D., Shi Y., Jacoby V., Seal K.H. Reproductive and other health outcomes in Iraq and Afghanistan women veterans using VA health care : association with mental health diagnoses // *Womens Health Issues.* – 2012. – Vol. 22, N. 5. – P. 461–471.
5. Matti B.F., Alwan A.F., Alwan A.F. Evaluation of the safety of imatinib mesylate in 200 iraqi patients with chronic myeloid leukemia in the chronic phase : single-center study // *Turk J Haematol.* – 2013. – Vol. 30, N. 4. – P. 387–393.
6. Mohamed Zaki L.R., Hairi N.N. A Systematic Review of the Prevalence and Measurement of Chronic Pain in Asian Adults // *Pain Manag Nurs.* – 2015. – Vol. 16, N. 3. – P. 440–452.
7. Outcalt S.D., Ang D.C., Wu J., Sargent C., Yu Z., Bair M.J. Pain experience of Iraq and Afghanistan Veterans with comorbid chronic pain and posttraumatic stress // *J Rehabil Res Dev.* – 2014. – Vol. 51, N. 4. – P. 559–570.

8. Runnals J.J., Van Voorhees E., Robbins A.T., Brancu M., Straits-Troster K., Beckham J.C., Calhoun P.S. Self-reported pain complaints among Afghanistan / Iraq era men and women veterans with comorbid posttraumatic stress disorder and major depressive disorder // *Pain Med.* – 2013. – Vol. 14, N. 10. – P. 1529–33.
9. Smith T.C., Powell T.M., Jacobson I.G., Smith B., Hooper T.L., Boyko E.J., Gackstetter G.D. Chronic multisymptom illness : a comparison of Iraq and Afghanistan deployers with veterans of the 1991 Gulf War // *Am J Epidemiol.* – 2014. – Vol. 180, N. 12. – P. P. 1176–1187.