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### LOCUS OF CONTROL AND BEHAVIORAL STRATEGIES IN HSEEU “UMSA” DENTAL STUDENTS FROM IRAN AND IRAQ

As it is known there exists a term «cognitive styles» including locus of control, behavioral strategies and reflectivity-impulsivity. They are studied in different countries in part in Iran and Iraq.

We met Iranian scientists work about interrelations between locus of control and academic degrees [10, p. 117-143.]. Other work touched necessity of determining the internal and external locus of control in the patients with diabetes mellitus for the doctor and the patient optimal conversation as well as following the therapy [18, p. 249-258.]. Mother internal control locus in Iran is considered as positive for children creativity, for diabetes mellitus treatment in children in Yazd [14, p. 85-96.; 6, p. 804-813.]. Iranian scientists study locus of control in the students in gender aspect in Tabriz [9, p. 76-82.]. Iranian scientists from Tarbiat Modares University as well as Medical school of Shahid Beheshti University proposed the term «creative defensive strategies» for people with increased creativity [15, p. 49-58.]. There is a work dedicated to comparison of Persian, Kurdish and Turkish ethnic groups in Iran on this subject moreover in gender aspect [7, p. 397-406.].

We met following data while analyzing the scientific sources from Iraqi journals. Cognitive styles are known to be applied in management [8, p. 130-147.].

Locus of control measurement can influence on study achievement [5, p. 157-173 ], can be important in time management for games trainers and teachers in physical education [4, p. 46-71 ]. A direct significant correlation exists between psychocognitive attitude towards mental training and the locus of control among the couches with internal control [17, p. 124-155.], in companies because of relationships between accounting figurers objectivity and locus of control [13, p. 57-86 ]. There are special multidimensional scales for assessing the locus of control in the students for instance the Levenson's one [12, p. 289-293 ]. There are tryings to modify students' locus of control [2, p. 363-409 ]. Assessing the behavioral strategies (coping, defense) as themselves can give important information about human behavior under physiological and pathological conditions We met printed works about these behavioral strategies typology in a complex with age aspect – in adolescents with insulin-dependent diabetes mellitus [3, p. 210-213 ], in students during stress [11, p. 228-237.; 16, p. 195-204 ].

Thus, these cognitive styles are indeed paid much attention in Iraq and Iran reflecting ethnic, ethno-gender, ethno-age and ethno-gender-age typological aspect and underlying that these questions are not only of theoretical but also of big clinical importance as well

That is why we decided to assess mentioned cognitive styles in UMSA Iranian and Iraqi dental students. We did the experiments on 63 HSEEU «UMSA» students from Iraq and 63 from Iran from different courses, fellows (50) and girls (13), 19-27 years in age.

The investigation methods:

1 Commonly-accepted methodic of interhemispherical asymmetry individual profile assessment dominant extremity, dominant finger, dominant eye, the Napoleon's pose, the probe with applauding.

2 Eysenck's questionnaire was used for the students' temperament and extra-introversion assessment [1, c. 24-30 ].

3 Questionnaire for human behavior assessment in complicated situations (the investigated person had to put degrees for every statements pair) Then the investigated people are proposed to count the degrees sum and to make the results in the scale

DEFENCE 10 \_\_\_ 20 \_\_\_ 30|\_\_\_ 40 \_\_\_ 50 COPING

The degree sum less than 30 testify to defense style dominance, more than 30 – coping style.

Interesting that results of both nationalities were the same Melancholics were dominant among sinisters, sanguinics – among dexters Melancholics were also dominant among ambidexters at sanguinics and phlegmatics complete absence. We have received also melancholics dominance at sinisters division into groups. Introverts were dominant among real, hidden and unreal sinisters as well as among ambidexters

while extraverts – among dexters. Defense tactic was dominant among sinisters and ambidexters while coping – among dexters. Sinisters and ambidexters had mainly external locus-control while dexters – the internal one.

The work performed can help at the personality individualization study. Differential psychology and psychophysiology place rather important position among the Sciences about Human Being nowadays. In part, in Ethnology, Pedagogics, Logopedy, Pедиатry, Biology and Chronobiology, Physiology and Pathophysiology, Psychology and Differential Psychology,, Chronomedicine, Pharmacology.

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