

Do we know our patients well?

Gracheva Tatiana*, Leonenko Natalya**, Central State Hospital №1, Ekaterinburg, Russia*, Ural State Pedagogical University**, Ekaterinburg, Russia.

Background: It is well knowing - the patients with diabetic foot (DF) often have depression and low motivation for treatment. The aim of our study was to evaluate psychological portrait of patients. **Methods:** 117 patients who treated in our hospital in 2005-2008 were included in this analysis after 2 years. The average age of patients was $61,0 \pm 9,7$, 57 were males and 60 - females. Majority of patients were disabled and pensioners. The controls group consists patients with DM without DF, who was the same in age, and DM duration. The instrument of evaluation was questionnaire from D. Leontiev, based on "Purpose in life test" from James Crumbaugh and Leonard Maholick. Purpose of life can be find independently from age, gender, income levels and IQ. The test collects 6 subscales - locuses: "purpose", "process", "result", "I am", "life". Each subscales were compared between two groups and with healthy population. In statistical analysis t-criteria of Student and U from Mann-Whitney was used, and $p < 0,05$ was the level of significance. **Results:** When we compared patients with DF and group without DF no any differences was found in all subscales. Patients with DM from both groups shown low level in this test. We also compared results of test between DF patient and healthy populations of 200 people extracted from literature.

Subscale's Score	Groups		
	Healthy, n=200	DF , n=61	P
Summ	103,10±15,03*	93,74±22,63*	0,001
Purpose	32,90±5,92	32,08±8,13	0,280
Process	31,09±4,44*	25,16±8,74*	0,000
Result	25,46±4,30*	23,26±5,85*	0,007
I am	21,13±3,85*	18,92±5,53*	0,003
Life	30,14±5,80	28,08±8,08	0,061

Was revealed lower level of subscale "process" that means dissatisfaction of own life; subscale "result" that means dissatisfaction from passed section of life, lack of faith in self-control (subscale "I am"), fatalism (subscale "life") from DF group. Despite our expectations, we have found that patients with DF have not significant differences in "purpose in life" subscale with healthy. **Conclusions:** We have got the hope to reach more success in DF management if strictly motivate patients with DF to follow our recommendations, fulfill off-loading regime and will be in time with appeals for medical care.