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Problems of mental adaptation in patients with Diabetic Foot Syndrome**Anil Batta**

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Aim: It is known that in patients with Diabetic Foot Syndrome severe forms of mental disadaptation are observed. They are manifested psycho-emotional disorders and poor treatment compliance. The aim of this work was to study the forms of mental disadaptation in patients with Diabetic Foot Syndrome and the role of psychological and somatic factors in their development.

Method: The following parameters: Levels of anxiety and depression, alexithymia, irrational cognitive principles, personality profile, severity of somatic disorders and treatment compliance were studied in 120 Diabetic Foot Syndrome patients.

Result: The study revealed two main groups of patients with various forms of mental disadaptation and some relationship of psycho-emotional and somatic disorders. In the first patient's group with severe form mental disadaptation, there were observed high level of alexithymia, depression, the prevalence of psychopathic personality types, combined with deep encephalopathy, cognitive disorders and long duration of disease. A poor compliance of treatment, the progressive deterioration of the disease, large number of lower limb amputations was observed also in this group of patients. In the second patients' group with less severe form of mental disadaptation, there were observed small level of alexithymia, high anxiety and the prevalence of neurotic personality types and a shorter duration of disease. A good treatment compliance and smaller number of lower limb amputation was also observed in this group of patients.

Conclusion: The study identified two main groups of patients with various forms of mental disadaptation, which depends on the severity of psycho-emotional and somatic disorders.

Biography

Anil Batta is presently an Associate Professor and Senior Consultant in Govt. Medical College, Amritsar, Punjab, India. He has received his MBBS and MD in Medical Biochemistry from Govt. Medical College, Patiala in 1984 and 1991, respectively. His research interest is mainly in clinical application especially cancer and drug de-addiction. He has supervised more than 15 MD, MSc and Doctorate researches and published more than 30 international research papers. He is the Chief-Editor of *America's Journal of Biochemistry*. He is also working as an Advisor to the Editorial Board of *International Journal of Biological and Medical Research*. He is also a Deputed Advisor to *Pakistan Medical Journal of Biochemistry*. He has been attached as Technical Advisor to various national and international conferences in Biochemistry, also with hi-tech endocrinal, genetics and automated labs of GGS Medical College, Faridkot.

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