International Conference on

Anatomy, Physiology, Psychology and Behavioral Science

November 14-15, 2018   San Antonio, USA

Prescribing trends of psychotropic drug in psychiatry out-patient department in a teaching hospital of Bangladesh

Omma Hafsa Any[1], Baqui Q B O F[2], Mazumder M[3], Johora F[2], Begum H A[4] and Khan N[5]
[1]Army Medical College Jessore, Bangladesh
[2]Army Medical College Bogura, Bangladesh
[3]Bangabandhu Sheikh Mujib Medical University, Bangladesh
[4]Prime Medical College Rangpur, Bangladesh
[5]Zainul Haque Sikder Women's Medical College, Bangladesh

Psychiatric illness has received considerable attention in recent years. Like other developing countries, a certain percentage of population in Bangladesh suffers from different psychiatric illness. Psychotropic drugs are used as most common treatment modality for these patients. A cross-sectional descriptive study was carried out among individuals attending the psychiatry out-patient department in a tertiary care hospital in Bangladesh for 4 months period to observe the patterns of psychotropic drug utilization in psychiatry out-patient department. A total 300 prescriptions were included in this study and simultaneously those patients were interviewed by questionnaire to identify the educational and socio-economic status of the patient. Female, less educated, illiterate, housewife and lower income group of patients generally attend psychiatry out-patient department. Schizophrenia other psychotic disorder (40%) found to be most common psychiatric illness encountered in OPD. The average number of psychotropic drugs per prescription was 2.44. Antipsychotic drugs (36%) were the most frequently prescribed psychotropic agent. All medicines were prescribed by brand name. Regarding route of administration, 8.33% of medicines were prescribed in injectable formulation. Overall prescribing pattern was not satisfactory. Customized educational intervention package for prescriber might be helpful for rational prescribing in psychiatric illness.

omma.hafsa.anee@gmail.com