

Pharmaceutical Summit and Expo

October 08-10, 2015 New Delhi, India

Drug utilization study of psychotropic drugs in outdoor patients in a tertiary care hospital attached with a medical college

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Psychotropic drugs have a great importance in psychiatric practice. Today, many newer drug like SSRIs and atypical antipsychotic drugs have changed treatment protocol. So, the study was carried out to find morbidity pattern of psychiatric illness and prescribing pattern of psychiatric illness. The aim of this study was to know drug utilization pattern of psychotropic drugs in outdoor patients in a tertiary care hospital attached with a medical college; and to identify drug prescribing pattern attending psychiatric OPD in tertiary care teaching hospital, using WHO drug use indicators. A prospective cross sectional study was carried out for a period of 12 months. Patients of all ages and both sexes were included in the study while in-patients and referred patients were excluded. The prescribing pattern was analyzed by Using World Health Organization basic drug indicators. Among 600 patients, male patient were 291 (48.50%) and female patient were 309 (51.50%). The most common disorder was depression 208 (34.66%) followed by schizophrenia 192 (32.00%). The numbers of psychotropic drugs prescribed per patient were 2.51. 39.39% drugs were prescribed from WHO EML list. Total 89.18% drugs were prescribed by generic name. Benzodiazepines were most commonly prescribed drugs. Atypical antipsychotic drugs were commonly used than typical antipsychotic drugs. Central anticholinergic drug was used in 43.15% patients receiving antipsychotic drugs. Overall, the drugs were prescribed rationally. Benzodiazepine should be prescribed only for short term duration. Use of central acting anticholinergic drug with all antipsychotic drugs was not justified.

Biography

Shreya Anilkumar Chokshi completed M.B.B.S from Pramukh Swami Medical College, Karamsad, Sardar Patel University in 2010. Currently pursuing Second Year Residency in Pharmacology at Shri M. P Shah Medical College, Jamnagar

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