

Pharmacology of mood stabilizers

Mojtaba Mafi

Tehran University of Medical Science, Iran

Neuropharmacology as a part of Neuroscience has a cardinal role to develop of neuroscience area. We can describe many neurological pathways after recognition of detailed mechanisms of neuropharmacology. This will explain the scientific basis of mood stabilizers that is not only human brain's function saving but also, life saving for so many patients with bipolar disorders. Cyclothymia today is a common and more growing problem among young individuals and we as physicians can save their life by science.

Lithium: Lithium carbonate is used to control bipolar mood disorders, is defined in psychiatry as manic depressive disease. Maintenance treatment by lithium decreases mania and manic behaviors and control the mood fluctuations frequency. GI absorption of lithium is very fast and distributes across all body water. Lithium half-life is 20 hours and after it will excrete from kidneys. We must control plasma level of lithium in short period of time plasma therapeutics concentration is 0.6 ± 1.4 meg/lit. Physicians should consider that diuretics can increase the lithium plasma level, in order to decrease body water.

Biography

I am Dr. Mojtaba Mafi M.D., Medical Doctor/ Physician, graduated from Tehran university, School of Medicine with honor. I studied in neurosurgery ward and graduated with A score with thesis on Meningioma Brain Tumor during 6 years. With continuing my practice with special consideration on psychosomatic disorders, I completed many post graduate courses on health psychology, addiction medicine, sexual disorders therapy successfully Having honor of working as associate of Iran Hepatitis Network and Gastroenterology and Hepatology research center, Middle East Liver Diseases Center (MELD). This strong study background enabled me to successfully earn certificates on 3 programs: Updates of skin and treatment from Tehran university 2015 and course on skin care updates from Iranian society of practitioners on 2016, and during 2 years, I had passed Beauty and Skin care courses in South Korea and certified from Sunghwan co Ltd for using and working of beauty technology, RF and IPL.