
Creation and standardization of combined plant drug

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Combined herbal remedies that contain a few types of raw materials in the composition, and sometimes synthetic components more occupy special place in the world pharmaceutical market. Their pharmacological efficiency at different diseases and prospect of the use in medical practice is confirmed by many experimental data. Neuroses because of their distribution occupy one of leading places among different disorders of humans organism. The indexes of morbidity of neuroses have clear tendency to increase in many, especially developed, countries and are reasons of non operability of population.

Sedative remedies are most optimal for treatment of neuroticisms due to the wide spectrum of therapeutic action, absence of side effects, possibility to self-treatment, easy application, simplicity of dosage and other positive properties they become more popular and claimed in society.

Sedavit is original phytochemical preparation, possessing expressed sedative and anxiolytic action, and also increasing ability of organism to carry the physical and mental loadings. In composition are included rhizomes with the roots of valerian, berries of hawthorn, grass of st-john's-wort, leaves of peppermint, strobile of hop, pyridoxine hydrochloride, nicotinamide.

Modern research of chemical composition, types of pharmacological action, application in medical practice allow to estimate that herbs from the point of view of advisability of their use for creation on their basis of complex herbal remedy with sedative and anxiolytic action. An adequate choice of markers and development of analytical methodologies are necessary conditions for manufacture standardization and standardization of product. Chemical composition of natural extracts used in production of remedy and the estimation of possible influence of herbal substances on the central nervous system was analyzed. For the choice of markers from a number the bioactive substances of sedative herbal remedy.

Thus, flavonoids and amino acids were selected as markers for control of quality of herbal remedy, because that biologically active substances play a big role in processes of activity of the central nervous system. These groups of compounds are mostly presented in natural extracts and mostly influence on the central nervous system.