

## MANAGEMENT OF ANXIETY NEUROSIS BY AN INDIGENOUS COMPOUND GKM-022 (BRENTO)

*G.P. Dubey \* N. S. Bhatt \*\* Urmila Agrawal \* L.V. Guru \**

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1. Forty two diagnosed cases of anxiety neurosis were selected for the clinical trial of an indigenous drug GKM-022. After careful clinical and laboratory examinations, cases were introduced GKM-022 for 3 months. A successive follow up study was carried out in order to evaluate the beneficial effect of this drug.

Majority of student volunteers reported considerable improvement in the clinical symptomatology of anxiety neurosis. Nervousness, palpitation, pre-cordial discomfort, insomnia were considerably improved following oral administration of this drug.

2. Systolic blood pressure and pulse rate were reported after this therapy. It indicated that this drug promotes autonomic stability and may prove more useful in the prevention and management of cardiovascular disorders.

3. EEG pattern also showed changes following oral administration of this drug. A significant increase in alpha wave indicates reduction in anxiety level in comparison to placebo group. It indicates that the drug GKM-022 improves the capacity of brain to perform its integrative functions.

Acetylcholine level also found decreased in treated group. Both observations indicate that the drug is responsible for reduction in anxiety state. It reflects a general increase in relaxation; with the result this drug improves the efficiency to perception and overall mental performance.

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\* Dept. of Basic Principles, Banaras Hindu University, Varanasi.

\*\* Zandu Pharmaceutical Works Ltd; Bombay 400 025.