

# **USE OF GABAPENTINE IN SOMATIC BURNING SENSATION IN ANXIO DEPRESSED POST MANOPAUSAL WOMEN**

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## **INTRODUCTION:**

Gabapentine has broad spectrum of usage. It has been tried in epilepsies, neuropathies, chronic pains, migraine prophylaxis movement disorders, muscular spasm, sleep disorder and anxiety. Mix anxiety depression is highly prevalent among post menopausal ladies. Postmenopausal symptoms includes many symptoms other than hot flushes .Feelings of warmth, profuse perspiration, and itching of skin may be part of hot flushes. Many features of post menopausal syndrome cannot be separated from typical mix anxiety and depression. SSRI,s are used for both PMS and mix anxiety depression syndrome.

## **OBJECTIVES:**

To evaluate efficacy of gabapentine in the symptom of burning sensation in the body in anxio depressed postmenopausal women.

## **METHOD:**

Ten postmenopausal anxio depressed patients having severe complaint of burning sensation in the body treated with standard regime of SSRI,s and benzodiazepines. Symptoms of anxiety and depression responded well .However ,burning sensation remained unabated. These patients were started 100mg gabapentine tid which was later increased up to 300mg tid.

## **RESULTS :**

There was substantial reduction in feeling of burning sensation in all the patients. Besides concomitant reduction in anxiety ,muscular pains and aches and improvement in sleep.

## **DISCUSSION:**

Central analgesic effect of gabapentine is mediated both by suraspinal and spinal action involving descending nonadrenergic system. Intra cerebroventricular administration decrease thermal mechanical hypersensitivity . In hot flushes action on noradrenergic system and property of reducing thermal hypersensitivity of gabapentine might have been helpful. In this study gabapentine was added as adjuvant to SSRI,s and benzodiazepines ,possibly in anxio depressed patient its sedative ,anti anxiety, and muscle relaxant properties might have played some role. Similar study can be done on male patients with andropause.