



# CHRONIC CLUSTER HEADACHE IN WOMAN: A CASE REPORT

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## BACKGROUND AND OBJECTIVE

Cluster headache is the most frequent trigeminal autonomic headache syndromes, with high morbidity due to its pain severity. Chronic cluster headache, comprised of 10-20% patients, can be more difficult to control, mandates for efficient prophylactic therapy for the patient. We present a woman with chronic cluster headache with successful verapamil prophylactic treatment.

## CASE REPORT

A 53-year-old woman, admitted in neurology outpatient clinic, complained of 2 years severe left periorbital pain in temporal region with Numeric Pain Rating Scale (NPRS) 10, accompanied by autonomic symptoms (conjunctival injection, tearing, nausea, hyperhidrosis), lasting 45 minutes – 2 hours (if untreated), twice a day especially at night, improved with oxygen therapy during acute attack. Neurological examination and head computed tomography (CT) scan with contrast were normal. Due to her worsening periodicity for the past 2 weeks, prophylactic treatment with verapamil 80 mg twice daily was commenced which give an excellent remission of symptoms and reduced pain intensity within 14 days (NPRS was reduced to 0 with no cluster attack for one month follow up).

## CONCLUSIONS

Verapamil 80 mg twice daily can be used as prophylactic treatment for chronic cluster headache with good result and less side effect. It gives significant reduction on pain intensity followed by no cluster attack.

**Keywords:** Cluster headache, Verapamil, Prophylactic treatment

**Disclosure of Interests:** None

Figure 1.

