

## Magnetic Resonance Imaging of an Atypical Trigeminal Neuralgia Case

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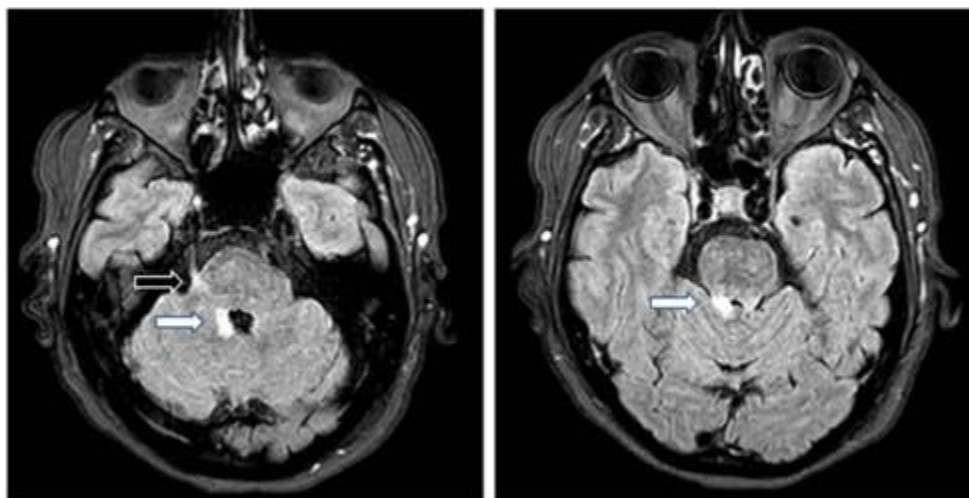
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### 1. Clinical Images

A 71-year-old man presents to the clinic complaining of 1-month right-sided headache, motivating prior hospital visits for analgesia. Pain is persistent, with paroxysmal exacerbations, accompanied by nausea and heartburn. He feels tingling on the right face. MRI was done (Figure 1), revealing T2 FLAIR hiperintensity along trigemi-

nal ganglia and tract. Carbamazepine thrice daily was initiated and patient's pain improved thereafter, remitting althougheter in two weeks. Medication was tapered later on, and finally, completely discontinued 6 months later. Trigeminal neuralgia is an uncommon cause of headache [1, 2], half of cases are atypical [2, 3], which could pose a diagnostic challenge to the clinician.



**Figure 1:** Magnetic resonance imaging showing T2 FLAIR hiperintensity on trigeminal ganglia (white arrows and track (black arrow)

### References

1. Jones MR, Urits I, Ehrhardt KP, Cefalu JN, Kendrick JB, P2ark DJ et al. A Comprehensive Review of Trigeminal Neuralgia. *Curr Pain Headache Rep.* 2019; 23(10): 74.
2. Maarbjerg S, Gozalov A, Olesen J, Bendtsen L. Trigeminal neuralgia--a prospective systematic study of clinical characteristics in 158 patients. *Headache.* 2014; 54(10): 1574-82.
3. Cruccu G, Finnerup NB, Jensen TS, Scholz J, Sindou M, Svensson

P, et al. Trigeminal neuralgia: New classification and diagnostic grading for practice and research. *Neurology.* 2016; 87(2): 220-8.