

A Retrospective Study on Incidence of Misdiagnosis of Trigeminal Neuralgia

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Abstract

Background: Neuralgic pain is often difficult to diagnose in the orofacial region because of difficulty in localization, which often leads to misdiagnosis and carrying out unnecessary dental treatment like dental extraction, root canal treatment, periodontal surgery, etc. the present study was done retrospectively to find the incidence of the trigeminal neuralgia and its misdiagnosis. **Methods:** The present study was carried out retrospectively in the Department of Oral Surgery. Last 5 years patient records were checked by the department of oral surgery to find cases of trigeminal neuralgia. All detailed records were collected and sorted. **Results:** In our study, 47.63% of patients were found to be misdiagnosed and 31.57%, 10.52%, and 5.26% of patients were found to be undergone treatments like dental extraction, root canal treatments, and periodontal surgery, respectively. **Conclusion:** Correct diagnosis of trigeminal neuralgia patients is important to avoid the patient's financial as well as mental burden.