

# Treatment of Trigeminal Neuralgia by Relieving the Posterior Cervical Muscle Stiffness with Parietal Acupoint Therapy: Case Reports

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we report two cases of treated trigeminal neuralgia by relieving the posterior cervical muscle with PAPT.

## Case Reports

### Case 1

A 64-year-old female was diagnosed with typical trigeminal neuralgia in the right maxillary (V2) area 2 years ago in another

It is not rare to find the cervical musculoskeletal impairment, such as muscle pain and stiffness and restricted rotation, in the posterior cervical region in patients with trigeminal neuralgia. Regarding the mechanism underlying the occurrence of coexisting events, the potential for the convergence of sensory input from the upper three cervical segments and the trigeminal nerve through the trigeminocervical nucleus has been discussed. Reportedly, the TCC is formed such that afferent nerves from the trigeminal and occipital (C1-3) nerve branches are projected in the trigeminal cervical nucleus [11,12].

In Case 1, as the blunt sense on the right maxillary region persisted during head CT and MRI, PAPT, ONB was performed by an anesthesiologist because of the suspicion that unusually dilated greater occipital artery was compressing the GON, resulting in the exacerbation of stimuli during head CT and MRI. Besides the pain in the frontal region innervated by the ophthalmic (V1) area of the trigeminal nerve, the pain in the occipital region innervated by the GON is

## Consent for Publication

Written informed consent was obtained from the patients for publication of this case report and accompanying images. Additionally, patient privacy, particularly the name, date of birth, date of medical treatment, place of birth and residence, family name, and photographs of patients, has been maintained. Other identifying information (previous medical doctor, relevant medical institution ID, and clinical examinations and corresponding data) have not been stated.

The author is responsible for managing and ensuring the security of patient data and personal information. Copies of explanation documents concerning the "case report" and consent forms have been provided to the patients.

## Availability of Data and Material

Not applicable.