



Pain Characteristic of Cervicogenic Headache in Tertiary Referral Hospital

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ABSTRACT

BACKGROUND AND OBJECTIVE

Cervicogenic headache is defined by the International Classification of Headache Disorders (ICHD-3) as headache caused by a disorder of the cervical spine and its component bony, disc and/or soft tissue elements, usually but not invariably accompanied by neck pain. Pain arising from cervicogenic headache comes from nociceptive, neuropathic or both components. We want to evaluate pain characteristic or cervicogenic headache using painDETECT questionnaire.

METHODS

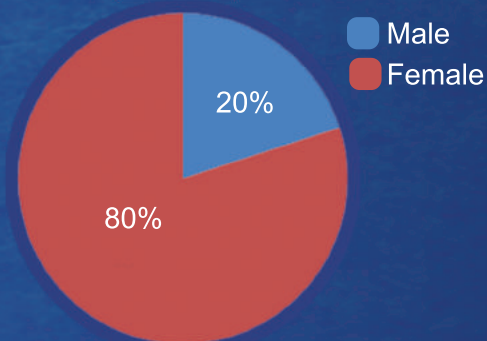
Preliminary study was held from June to August 2020 during pandemic covid-19 at Neurology Outpatient Clinic, Dr. Soetomo General Hospital (a tertiary referral hospital), Surabaya, Indonesia.

Pain type examination was measured with painDETECT questionnaire. A score of 12 indicates that pain is unlikely to have a neuropathic component (< 15%), while a score of 19 suggests that pain is likely to have a neuropathic component (> 90%). A score between these values indicates that the result is uncertain and required more detailed examination.

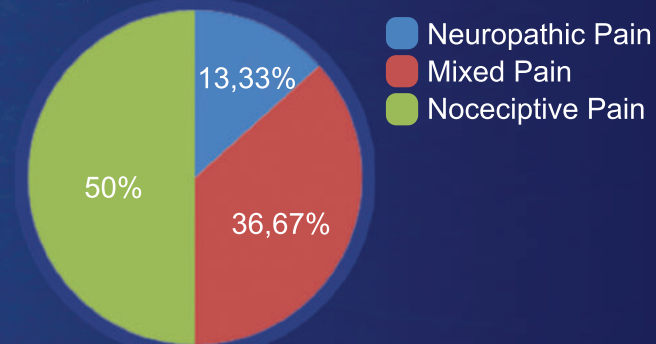
RESULTS

There were 30 subjects with cervicogenic headache, 20% male and 80% female with age ranging from 20 to 70 years old. We found 13.33% cervicogenic headache patient with neuropathic pain component, 36.67% with mixed pain component and 50% with nociceptive pain component measured with painDETECT questionnaire.

Gender



Pain Component



CONCLUSIONS

Most of cervicogenic headache patient comes with nociceptive pain component.

KEYWORDS

Cervicogenic headache, Neuropathic, Nociceptive

Disclosure of Interests: None