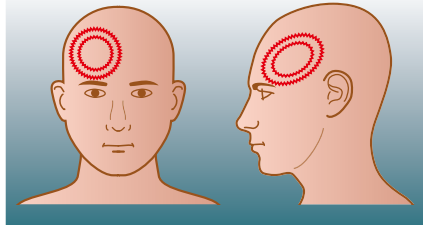


Headache and facial pain – cardinal symptoms [1] (1)

Migraine without aura (perception disturbances)

A

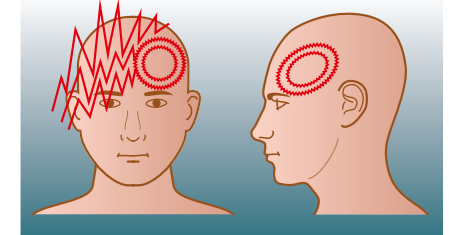
Recurrent headache attacks, persisting for 4 to 72 hours



Migraine with aura

B

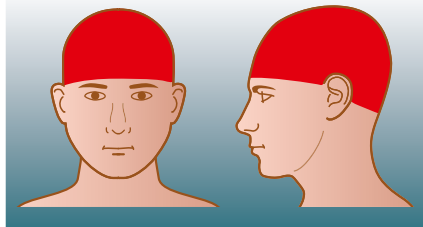
Additional perception disturbances (e.g. seeing zig-zag patterns)



Tension-type headache

C

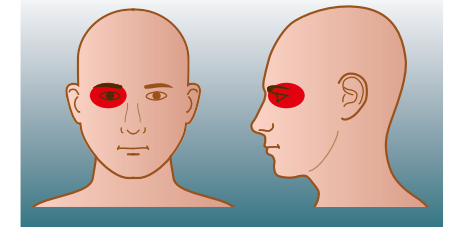
Dull pressing bilateral headaches ("hat too tight")



Cluster headache

D

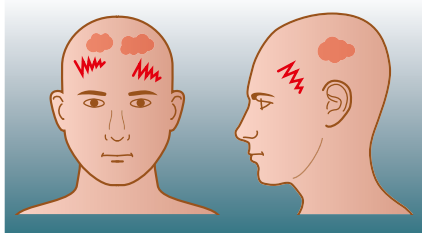
Unilateral, severe pain attacks occurring cumulatively ("clustered") in a short period of time



Medication overuse headache

E

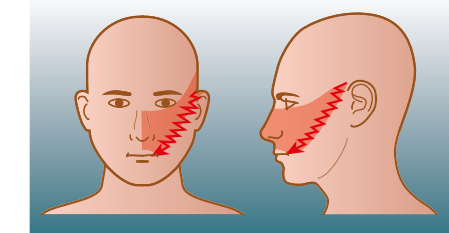
Continuous pain, mostly affecting the whole head on both sides



Trigeminal neuralgia

F

Very intense shooting pain occurring suddenly in the area supplied by one or more divisions of the trigeminal nerve



(1) Modified from Diener HC. Maier C. Die Schmerztherapie. Urban und Fischer. 3rd edition. 54

Headache and facial pain – cardinal symptoms [1]

A Migraine without aura (perception disturbances)

Recurrent unilateral, pulsating and pounding headache attacks persisting for 4 to 72 hours. They are intensified by movement. Other symptoms: nausea or light and noise sensitivity.

Frequently simultaneous tension in the neck, although the cervical spine is not the cause of migraine.

B Migraine with aura

In around 20- 30% of cases the attacks are preceded by perception disturbances (aura) [2]. These are manifested in visual disturbances with zig-zag patterns (fortifications), tingling, paralysis, dizziness etc.

The aura develops slowly over 5 to 20 minutes and can last for up to 60 minutes [2].

C Tension-type headache

Dull pressing bilateral headaches in the region of the forehead, temples and/or top of the head. Frequently described as being like wearing a hat that's too tight. Hardly any accompanying symptoms. Duration of the pain attacks: several hours to days.

D Cluster headache [1]

Headaches accumulating in a particular period of time, occurring in "clusters". Frequency of attacks: once in two days to eight times daily for 15 minutes to 3 hours each time. Cluster headache is always unilateral and affects the orbit of the eye and the temple region.

E Medication overuse headache

Continuous pain mostly affecting the whole head bilaterally. It mostly occurs daily, at least 15 days per month.

F Trigeminal neuralgia

Abrupt onset, strictly unilateral, electric shock-like, very intense pain in one or more areas supplied by the trigeminal nerve. The attacks can occur up to 200 times a day and generally last for a few seconds [3]. Triggering stimuli include chewing, cleaning teeth, speaking.

[1] Headache Classification Subcommittee of the International Headache Society. The International Classification of Headache Disorders: 2nd edition. Cephalalgia (2004) 24(Suppl 1): 9–160.

[2] Petrusic I et al. Cephalalgia 2013. February 19th, published online before print. doi: 10.1177/0333102413476373.

[3] Krafft R. Am Fam Physician (2008) 77(9): 1291-1296