



## BÖLÜM 14

### KRANİYAL YA DA SERVİKAL DAMARSAL HASTALIKLAR İLE İLİŞKİLİ BAŞAĞRILARI

Büşra ÖLMEZ<sup>1</sup>

Baş ağrısı, kranyal veya servikal vasküler bir patolojiyle yakın zamansal ilişki içinde ortaya çıktıysa, ağrı bu patoloji ile ilişkilendirilmektedir. Daha önce tanı konmuş primer baş ağrısının sıklık ve şiddetinde belirgin derecede kötüleşme izlenmesi ya da önceki ağrıya yeni özelliklerin eklenmesi durumunda, altta yatan vasküler bir patolojinin varlığının hızlıca taranması gerekmektedir. Altta yatan vasküler hastalığın erken teşhis ve tedavisi ile ortaya çıkabilecek ağır nörolojik sonuçlar önlenabilir, bu nedenle baş ağrısının bu bozukluklarla ilişkisini erken dönemde tanımak büyük önem taşımaktadır.

Uluslararası Baş ağrısı Bozuklukları Sınıflandırması 3. Baskısı'na göre (ICHD-3) bu bozukluklar Tablo-1'de yer alan 9 alt başlık altında incelenmektedir (1).

**Tablo-1. ICHD-3'e göre Kranyal veya Servikal Damarsal Patolojilere Bağlı Baş Ağrılarının Sınıflandırılması**

#### **Kranyal veya Servikal Damarsal Patolojilere Bağlı Baş Ağrıları**

##### **Serebral iskemik olaya bağlı baş ağrıları**

- İskemik inme (serebral iske mi) bağlı Baş ağrısı
- Akut iskemik inmeye bağlı Baş ağrısı
- Geçirilmiş iskemik inmeye bağlı dirençli Baş ağrısı
- Geçici iskemik atağa (GİA) bağlı Baş ağrısı

<sup>1</sup> Uzm. Dr., Bayındır Kavaklıdere Hastanesi Nöroloji Kliniği, busra\_olmez@hotmail.com



## KAYNAKLAR

1. Headache Classification Committee of the International Headache Society (IHS) The International Classification of Headache Disorders, 3rd edition. *Cephalalgia*. 2018;38(1):1-211.
2. Oliveira FAA, Sampaio Rocha-Filho PA. Headaches Attributed to Ischemic Stroke and Transient Ischemic Attack. *Headache*. 2019;59(3):469-476.
3. Pollak L, Shlomo N, Korn Lubetzki I. Headache in stroke according to National Acute Stroke Israeli Survey. *Acta Neurol Scand*. 2017;135(4):469-475.
4. Arboix A, García-Trallero O, García-Eroles L, et al. Stroke-related headache: a clinical study in lacunar infarction. *Headache*. 2005;45(10):1345-1352.
5. Harriott AM, Karakaya F, Ayata C. Headache after ischemic stroke: A systematic review and meta-analysis. *Neurology*. 2020;94(1):e75-e86.
6. Lebedeva ER, Gurary NM, Olesen J. Headache in transient ischemic attacks. *J Headache Pain*. 2018;19(1):60.
7. Lebedeva ER, Ushenin AV, Gurary NM, et al. Sentinel headache as a warning symptom of ischemic stroke. *J Headache Pain*. 2020;21(1):70.
8. Petridis AK, Kamp MA, Cornelius JF, et al. Aneurysmal Subarachnoid Hemorrhage. *Dtsch Arztebl Int*. 2017;114(13):226-236.
9. Lu J, Liu W, Zhao H. Headache in cerebrovascular diseases. *Stroke Vasc Neurol*. 2020;5(2):205-210.
10. Kwon OK. Headache and Aneurysm. *Neuroimaging Clin N Am*. 2019;29(2):255-260.
11. Şahin S, Delen E, Korfali E. Perimesencephalic subarachnoid hemorrhage: Etiologies, risk factors, and necessity of the second angiogram. *Asian J Neurosurg*. 2016;11(1):50-53.
12. Kapoor S. Headache attributed to cranial or cervical vascular disorders. *Curr Pain Headache Rep*. 2013;17(5):334.
13. Zhao M. Research note. Clinical reports and analysis of patients with clinical manifestations of migraine-like headache and unruptured aneurysm. *Genet Mol Res*. 2015;14(1):1310-1317.
14. Zyck S, Sampath R. Arteriovenous Malformations. StatPearls. Treasure Island (FL): StatPearls Publishing  
Copyright © 2021, StatPearls Publishing LLC.; 2021.
15. Santillan A, Nanaszko M, Burkhardt JK, et al. Endovascular management of intracranial dural arteriovenous fistulas: a review. *Clin Neurol Neurosurg*. 2013;115(3):241-251.
16. Guedin P, Gaillard S, Boulin A, et al. Therapeutic management of intracranial dural arteriovenous shunts with leptomeningeal venous drainage: report of 53 consecutive patients with emphasis on transarterial embolization with acrylic glue. *J Neurosurg*. 2010;112(3):603-610.
17. D'Angelo VA, De Bonis C, Amoroso R, et al. Supratentorial cerebral cavernous malformations: clinical, surgical, and genetic involvement. *Neurosurg Focus*. 2006;21(1):e9.
18. Porter RW, Detwiler PW, Spetzler RF, et al. Cavernous malformations of the brainstem: experience with 100 patients. *J Neurosurg*. 1999;90(1):50-58.
19. ÇAVUŞ G, GEZERCAN Y, AÇIK V, et al. Kavernöz Anjiomlar.
20. Klapper J. Headache in Sturge-Weber syndrome. *Headache*. 1994;34(9):521-522.
21. Ameer MA, Peterfy RJ, Bansal P, et al. Temporal Arteritis. StatPearls. Treasure Island (FL): StatPearls Publishing Copyright © 2021, StatPearls Publishing LLC.; 2021.
22. Achkar AA, Lie JT, Hunder GG, et al. How does previous corticosteroid treatment affect



- the biopsy findings in giant cell (temporal) arteritis? *Ann Intern Med.* 1994;120(12):987-992.
23. Thanvi B, Munshi SK, Dawson SL, et al. Carotid and vertebral artery dissection syndromes. *Postgrad Med J.* 2005;81(956):383-388.
  24. Furie KL, Kasner SE, Adams RJ, et al. Guidelines for the prevention of stroke in patients with stroke or transient ischemic attack: a guideline for healthcare professionals from the american heart association/american stroke association. *Stroke.* 2011;42(1):227-276.
  25. Lauw MN, Barco S, Coutinho JM, et al. Cerebral venous thrombosis and thrombophilia: a systematic review and meta-analysis. *Semin Thromb Hemost.* 2013;39(8):913-927.
  26. Cumurciuc R, Crassard I, Sarov M, et al. Headache as the only neurological sign of cerebral venous thrombosis: a series of 17 cases. *J Neurol Neurosurg Psychiatry.* 2005;76(8):1084-1087.
  27. Schwedt TJ, Gereau RW, Frey K, et al. Headache outcomes following treatment of unruptured intracranial aneurysms: a prospective analysis. *Cephalalgia.* 2011;31(10):1082-1089.
  28. Martins IP, Baeta E, Paiva T, et al. Headaches during intracranial endovascular procedures: a possible model of vascular headache. *Headache.* 1993;33(5):227-233.
  29. Andreucci M. Side effects of radiographic contrast media. *Biomed Res Int.* 2014;2014:872574.
  30. Baron EP, Moskowitz SI, Tepper SJ, et al. Headache following intracranial neuroendovascular procedures. *Headache.* 2012;52(5):739-748.
  31. Sheikh HU, Mathew PG. Reversible cerebral vasoconstriction syndrome: updates and new perspectives. *Curr Pain Headache Rep.* 2014;18(5):414.
  32. Ducros A, Bousser MG. Reversible cerebral vasoconstriction syndrome. *Pract Neurol.* 2009;9(5):256-267.
  33. Calabrese LH, Dodick DW, Schwedt TJ, et al. Narrative review: reversible cerebral vasoconstriction syndromes. *Ann Intern Med.* 2007;146(1):34-44.
  34. Koopman K, Uyttenboogaart M, Luijckx GJ, et al. Pitfalls in the diagnosis of reversible cerebral vasoconstriction syndrome and primary angiitis of the central nervous system. *Eur J Neurol.* 2007;14(10):1085-1087.
  35. Boughammoura A, Touzé E, Oppenheim C, et al. Reversible angiopathy and encephalopathy after blood transfusion. *J Neurol.* 2003;250(1):116-118.
  36. Elstner M, Linn J, Müller-Schunk S, et al. Reversible cerebral vasoconstriction syndrome: a complicated clinical course treated with intra-arterial application of nimodipine. *Cephalalgia.* 2009;29(6):677-682.
  37. Zuber M, Touzé E, Domingo V, et al. Reversible cerebral angiopathy: efficacy of nimodipine. *J Neurol.* 2006;253(12):1585-1588.
  38. Katz BS, Fugate JE, Ameriso SF, et al. Clinical worsening in reversible cerebral vasoconstriction syndrome. *JAMA Neurol.* 2014;71(1):68-73.
  39. Liem MK, Oberstein SA, van der Grond J, et al. CADASIL and migraine: A narrative review. *Cephalalgia.* 2010;30(11):1284-1289.
  40. Guey S, Mawet J, Hervé D, et al. Prevalence and characteristics of migraine in CADASIL. *Cephalalgia.* 2016;36(11):1038-1047.
  41. Marques-Matos C, Reis J, Reis C, et al. Mitochondrial Encephalomyopathy With Lactic Acidosis and Stroke-like Episodes Presenting Before 50 Years of Age: When a Stroke Is Not Just a Stroke. *JAMA Neurol.* 2016;73(5):604-606.



42. Kraya T, Deschauer M, Joshi PR, et al. Prevalence of Headache in Patients With Mitochondrial Disease: A Cross-Sectional Study. *Headache*. 2018;58(1):45-52.
43. Vollono C, Primiano G, Della Marca G, et al. Migraine in mitochondrial disorders: Prevalence and characteristics. *Cephalalgia*. 2018;38(6):1093-1106.
44. El-Hattab AW, Adesina AM, Jones J, et al. MELAS syndrome: Clinical manifestations, pathogenesis, and treatment options. *Mol Genet Metab*. 2015;116(1-2):4-12.
45. Mortimer AM, Bradley MD, Stoodley NG, et al. Thunderclap headache: diagnostic considerations and neuroimaging features. *Clin Radiol*. 2013;68(3):e101-113.
46. Muthukumar N. Pituitary Apoplexy: A Comprehensive Review. *Neurol India*. 2020;68(Supplement):S72-s78.