

CLNEG055: Clinical Manifestations of Stroke

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1.

Fisch A. Arterial Supply. In: Neuroanatomy [Internet]. Oxford University Press; 2012. p. 317–38. Available from: <http://www.oxfordmedicine.com/view/10.1093/med/9780199845712.001.0001/med-9780199845712-chapter-019>

2.

Hart RG, Kanter MC. Hematologic disorders and ischemic stroke. A selective review. Stroke. 1990 Aug 1;21(8):1111–21.

3.

Markus HS, Hambley H. Neurology and the blood: haematological abnormalities in ischaemic stroke. Journal of Neurology, Neurosurgery & Psychiatry. 1998 Feb 1;64(2):150–9.

4.

Kirkham FJ. Therapy Insight: stroke risk and its management in patients with sickle cell disease. Nature Clinical Practice Neurology. 2007 May;3(5):264–78.

5.

Adams RJ, McKie VC, Hsu L, Files B, Vichinsky E, Pegelow C, et al. Prevention of a First Stroke by Transfusions in Children with Sickle Cell Anemia and Abnormal Results on Transcranial Doppler Ultrasonography. New England Journal of Medicine. 1998 Jul 2;339(1):5–11.

6.

L. Marquardt. Incidence and prognosis of $\geq 50\%$ symptomatic vertebral or basilar artery stenosis: prospective population-based study. *Brain* [Internet]. 2009;132(4):982–8. Available from: <http://brain.oxfordjournals.org/content/132/4/982.long>

7.

Enrico Floßmann. Prognosis of vertebrobasilar transient ischaemic attack and minor stroke. *Brain* [Internet]. 2003;126(9):1940–54. Available from: <http://brain.oxfordjournals.org/content/126/9/1940.long>

8.

Markus HS, van der Worp HB, Rothwell PM. Posterior circulation ischaemic stroke and transient ischaemic attack: diagnosis, investigation, and secondary prevention. *The Lancet Neurology*. 2013 Oct;12(10):989–98.

9.

Searls DE. Symptoms and Signs of Posterior Circulation Ischemia in the New England Medical Center Posterior Circulation Registry. *Archives of Neurology*. 2012 Mar 1;69(3).

10.

Gory B, Eldesouky I, Sivan-Hoffmann R, Rabilloud M, Ong E, Riva R, et al. Outcomes of stent retriever thrombectomy in basilar artery occlusion: an observational study and systematic review. *Journal of Neurology, Neurosurgery & Psychiatry*. 2016 May;87(5):520–5.

11.

Antiplatelet treatment compared with anticoagulation treatment for cervical artery dissection (CADISS): a randomised trial. *The Lancet Neurology*. 2015 Apr;14(4):361–7.

12.

Rowe F, Brand D, Jackson CA, Price A, Walker L, Harrison S, et al. Visual impairment following stroke: do stroke patients require vision assessment? *Age and Ageing*. 2008 Nov

13;38(2):188–93.

13.

Chen CS, Lee AW, Clarke G, Hayes A, George S, Vincent R, et al. Vision-Related Quality of Life in Patients with Complete Homonymous Hemianopia Post Stroke. *Topics in Stroke Rehabilitation*. 2009 Nov;16(6):445–53.

14.

Roth T, Sokolov AN, Messias A, Roth P, Weller M, Trauzettel-Klosinski S. Comparing explorative saccade and flicker training in hemianopia: A randomized controlled study. *Neurology*. 2009 Jan 27;72(4):324–31.

15.

Spitzyna GA, Wise RJS, McDonald SA, Plant GT, Kidd D, Crewes H, et al. Optokinetic therapy improves text reading in patients with hemianopic alexia: A controlled trial. *Neurology*. 2007 May 29;68(22):1922–30.

16.

Liebeskind DS. Collateral Circulation. *Stroke*. 2003 Sep 1;34(9):2279–84.

17.

Losseff N, Adams M, Brown MM, Grieve J, Simister R. Stroke and Cerebrovascular Diseases. In: Clarke C, Howard R, Rossor M, Shorvon S, editors. *Neurology* [Internet]. Chichester, UK: John Wiley & Sons, Ltd; 2016. p. 133–85. Available from: <http://doi.wiley.com/10.1002/9781118486160.ch5>

18.

Menshawi, Khaled. A Functional Perspective on the Embryology and Anatomy of the Cerebral Blood Supply. *Journal of Stroke* [Internet]. 2015;17(2):144–58. Available from: <http://j-stroke.org/journal/view.php?doi=10.5853/jos.2015.17.2.144>

19.

Losseff N, Adams M, Brown MM, Grieve J, Simister R. Stroke and Cerebrovascular Diseases. In: Clarke C, Howard R, Rossor M, Shorvon S, editors. Neurology [Internet]. Chichester, UK: John Wiley & Sons, Ltd; 2016. p. 133–85. Available from: <http://doi.wiley.com/10.1002/9781118486160.ch5>

20.

Mohr JP. History of Transient Ischemic Attack Definition. In: Uchiyama S, Amarenco P, Minematsu K, Wong KSL, editors. TIA as Acute Cerebrovascular Syndrome [Internet]. Basel: S. KARGER AG; 2013. p. 1–10. Available from: <http://www.karger.com?doi=10.1159/000351883>

21.

Albers GW, Caplan LR, Easton JD, Fayad PB, Mohr JP, Saver JL, et al. Transient Ischemic Attack — Proposal for a New Definition. New England Journal of Medicine. 2002 Nov 21;347(21):1713–6.

22.

Easton JD, Saver JL, Albers GW, Alberts MJ, Chaturvedi S, Feldmann E, et al. Definition and Evaluation of Transient Ischemic Attack: A Scientific Statement for Healthcare Professionals From the American Heart Association/American Stroke Association Stroke Council; Council on Cardiovascular Surgery and Anesthesia; Council on Cardiovascular Radiology and Intervention; Council on Cardiovascular Nursing; and the Interdisciplinary Council on Peripheral Vascular Disease: The American Academy of Neurology affirms the value of this statement as an educational tool for neurologists. Stroke. 2009 Jun 1;40(6):2276–93.

23.

Ovbiagele B, Kidwell CS, Saver JL. Epidemiological Impact in the United States of a Tissue-Based Definition of Transient Ischemic Attack. Stroke. 2003 Apr 1;34(4):919–24.

24.

Fischer U, Baumgartner A, Arnold M, Nedeltchev K, Gralla J, Marco De Marchis G, et al. What Is a Minor Stroke? Stroke. 2010 Apr 1;41(4):661–6.

25.

A. Gregory Sorensen. Transient Ischemic Attack Definition, Diagnosis, and Risk Stratification. *Neuroimaging clinics of North America* [Internet]. 2011;21(2). Available from: <https://www.ncbi.nlm.nih.gov/pmc/articles/PMC3109304/>

26.

Bonita R, Duncan J, Truelsen T, Jackson RT, Beaglehole R. Passive smoking as well as active smoking increases the risk of acute stroke. *Tobacco Control*. 1999 Jun 1;8(2):156-60.

27.

Secondary prevention in non-rheumatic atrial fibrillation after transient ischaemic attack or minor stroke. *The Lancet*. 1993 Nov;342(8882).

28.

Coutts SB, Modi J, Patel SK, Demchuk AM, Goyal M, Hill MD. CT/CT Angiography and MRI Findings Predict Recurrent Stroke After Transient Ischemic Attack and Minor Stroke. *Stroke*. 2012 Apr;43(4):1013-7.

29.

Coull AJ. Population based study of early risk of stroke after transient ischaemic attack or minor stroke: implications for public education and organisation of services. *BMJ*. 2004 Feb 7;328(7435).

30.

Fairhead JF, Mehta Z, Rothwell PM. Population-based study of delays in carotid imaging and surgery and the risk of recurrent stroke. *Neurology*. 2005 Aug 9;65(3):371-5.

31.

Louw SJ. Stroke medicine-ethical and legal considerations. *Age and Ageing*. 2002 Nov 1;31(90003):31-5.

32.

Meretoja A, Strbian D, Putaala J, Curtze S, Haapaniemi E, Mustanoja S, et al. SMASH-U: A Proposal for Etiologic Classification of Intracerebral Hemorrhage. *Stroke*. 2012 Oct 1;43(10):2592–7.

33.

Wilson D, Charidimou A, Werring DJ. Advances in understanding spontaneous intracerebral hemorrhage: insights from neuroimaging. *Expert Review of Neurotherapeutics*. 2014 Jun;14(6):661–78.

34.

Feigin VL, Lawes CM, Bennett DA, Barker-Collo SL, Parag V. Worldwide stroke incidence and early case fatality reported in 56 population-based studies: a systematic review. *The Lancet Neurology*. 2009 Apr;8(4):355–69.

35.

van Asch CJ, Luitse MJ, Rinkel GJ, van der Tweel I, Algra A, Klijn CJ. Incidence, case fatality, and functional outcome of intracerebral haemorrhage over time, according to age, sex, and ethnic origin: a systematic review and meta-analysis. *The Lancet Neurology*. 2010 Feb;9(2):167–76.

36.

Flaherty ML, Kissela B, Woo D, Kleindorfer D, Alwell K, Sekar P, et al. The increasing incidence of anticoagulant-associated intracerebral hemorrhage. *Neurology*. 2007 Jan 9;68(2):116–21.

37.

Runchey S, McGee S. Does This Patient Have a Hemorrhagic Stroke? *JAMA*. 2010 Jun 9;303(22).

38.

Wilson D, Adams ME, Robertson F, Murphy M, Werring DJ. Investigating intracerebral haemorrhage. *BMJ*. 2015 May 20;350(may20 10):h2484–h2484.

39.

Arboix A, García-Eroles L, Massons J, Oliveres M, Targa C. Hemorrhagic Lacunar Stroke. *Cerebrovascular Diseases*. 2000 Apr 18;10(3):229–34.

40.

Charidimou A, Peeters A, Fox Z, Gregoire SM, Vandermeeren Y, Laloux P, et al. Spectrum of Transient Focal Neurological Episodes in Cerebral Amyloid Angiopathy: Multicentre Magnetic Resonance Imaging Cohort Study and Meta-Analysis. *Stroke*. 2012 Sep 1;43(9):2324–30.

41.

Poon MTC, Fonville AF, Al-Shahi Salman R. Long-term prognosis after intracerebral haemorrhage: systematic review and meta-analysis. *Journal of Neurology, Neurosurgery & Psychiatry*. 2014 Jun 1;85(6):660–7.

42.

Dewey HM, Thrift AG, Mihalopoulos C, Carter R, Macdonell RAL, McNeil JJ, et al. Lifetime Cost of Stroke Subtypes in Australia: Findings From the North East Melbourne Stroke Incidence Study (NEMESIS). *Stroke*. 2003 Oct 1;34(10):2502–7.

43.

Rothman SM, Olney JW. Glutamate and the pathophysiology of hypoxic-ischemic brain damage. *Annals of Neurology*. 1986 Feb;19(2):105–11.

44.

Saltman AP, Silver FL, Fang J, Stamplecoski M, Kapral MK. Care and Outcomes of Patients With In-Hospital Stroke. *JAMA Neurology*. 2015 Jul 1;72(7).

45.

Cumbler E, Wald H, Bhatt DL, Cox M, Xian Y, Reeves M, et al. Quality of Care and Outcomes for In-Hospital Ischemic Stroke: Findings From the National Get With The

Guidelines-Stroke. Stroke. 2014 Jan 1;45(1):231–8.

46.

Hart R, Hindman B. Mechanisms of perioperative cerebral infarction. Stroke. 1982 Nov 1;13(6):766–73.

47.

Hogue CW, Murphy SF, Schechtman KB, Davila-Roman VG. Risk Factors for Early or Delayed Stroke After Cardiac Surgery. Circulation. 1999 Aug 10;100(6):642–7.

48.

Bamiou DE. Hearing disorders in stroke. In: The Human Auditory System - Fundamental Organization and Clinical Disorders. Elsevier; 2015. p. 633–47.

49.

Nagel MA, Gilden D. Update on Varicella Zoster Virus Vasculopathy. Current Infectious Disease Reports. 2014 Jun;16(6).

50.

L. Varennes. Fibromuscular dysplasia: what the radiologist should know: a pictorial review. Insights into Imaging [Internet]. 2015;6(3). Available from: <https://www.ncbi.nlm.nih.gov/pmc/articles/PMC4444794/>

51.

Omura M, Aida N, Sekido K, Kakehi M, Matsubara S. Large intracranial vessel occlusive vasculopathy after radiation therapy in children: Clinical features and usefulness of magnetic resonance imaging. International Journal of Radiation Oncology*Biology*Physics. 1997 May;38(2):241–9.

52.

Bourcier R, Papagiannaki C, Bibi R, Cottier JP, Herbreteau D. Intracranial dissection:

Incidence and long term endovascular treatment results of a not so rare disease. *Clinical Neurology and Neurosurgery*. 2012 Nov;114(9):1248–53.

53.

Kleinloog R, Regli L, Rinkel GJE, Klijn CJM. Regional differences in incidence and patient characteristics of moyamoya disease: a systematic review. *Journal of Neurology, Neurosurgery & Psychiatry*. 2012 May;83(5):531–6.

54.

Pantoni L. Cerebral small vessel disease: from pathogenesis and clinical characteristics to therapeutic challenges. *The Lancet Neurology*. 2010 Jul;9(7):689–701.

55.

Wardlaw JM, Smith EE, Biessels GJ, Cordonnier C, Fazekas F, Frayne R, et al. Neuroimaging standards for research into small vessel disease and its contribution to ageing and neurodegeneration. *The Lancet Neurology*. 2013 Aug;12(8):822–38.

56.

Staaf G, Geijer B, Lindgren A, Norrving B. Diffusion-Weighted MRI Findings in Patients with Capsular Warning Syndrome. *Cerebrovascular Diseases*. 2003 Dec 22;17(1):1–8.

57.

Jones DK. Diffusion MRI: theory, methods, and applications [Internet]. New York: Oxford University Press; 2011. Available from:
<http://dx.doi.org/10.1093/med/9780195369779.001.0001>

58.

Barker PB, Golay X, Zaharchuk G, editors. Clinical Perfusion MRI: Techniques and Applications [Internet]. Cambridge: Cambridge University Press; 2013. Available from:
<http://dx.doi.org/10.1017/CBO9781139004053>