

ANIM0005: Pathology and Diagnostic Imaging I

View Online



1.

Stroud, K. A. & Booth, D. J. Foundation mathematics. (Palgrave Macmillan, 2009).

2.

The Basics of MRI. <http://www.cis.rit.edu/htbooks/mri/inside.htm>.

3.

Sprawls, P. Physical principles of medical imaging. (Aspen, 1993).

4.

Diamond, M. C., Scheibel, A. B. & Elson, L. M. The human brain coloring book. vol. 306 (Barnes & Noble Books, 1985).

5.

Yousem, D. M. & Nadgir, R. Neuroradiology: the requisites. (Elsevier, 2017).

6.

Campbell, M. J. & Swinscow, T. D. V. Statistics at square one. (Wiley-Blackwell, 2009).

7.

Statistics at Square One | The BMJ.

<https://www.bmj.com/about-bmj/resources-readers/publications/statistics-square-one>.

8.

Gwathmey, K. G., Burns, T. M., Collins, M. P. & Dyck, P. J. B. Vasculitic neuropathies. *The Lancet Neurology* **13**, 67–82 (2014).

9.

Salvarani, C., Brown, R. D. & Hunder, G. G. Adult primary central nervous system vasculitis. *The Lancet* **380**, 767–777 (2012).

10.

Evans, N. R., Tarkin, J. M., Chowdhury, M. M., Warburton, E. A. & Rudd, J. H. F. PET Imaging of Atherosclerotic Disease: Advancing Plaque Assessment from Anatomy to Pathophysiology. *Current Atherosclerosis Reports* **18**, (2016).

11.

Manji, H., Jäger, H. R. & Winston, A. HIV, dementia and antiretroviral drugs: 30 years of an epidemic. *Journal of Neurology, Neurosurgery & Psychiatry* **84**, 1126–1137 (2013).

12.

Clifford, D. B. & Ances, B. M. HIV-associated neurocognitive disorder. *The Lancet Infectious Diseases* **13**, 976–986 (2013).

13.

Tan, I. L., Smith, B. R., von Geldern, G., Mateen, F. J. & McArthur, J. C. HIV-associated opportunistic infections of the CNS. *The Lancet Neurology* **11**, 605–617 (2012).

14.

Johnson, R. T. *Viral infections of the nervous system*. (Lippincott-Raven, 1998).

15.

Infections of the central nervous system. (Wolters Kluwer Health, 2014).

16.

Davis, L. E. & Kennedy, P. G. E. Infectious diseases of the nervous system. (Butterworth-Heinemann, 2000).

17.

Booss, J. & Esiri, M. M. Viral encephalitis in humans. (ASM Press, 2003).

18.

Tyler, K. L. Acute Viral Encephalitis. *New England Journal of Medicine* **379**, 557–566 (2018).

19.

Dalmau, J. & Graus, F. Antibody-Mediated Encephalitis. *New England Journal of Medicine* **378**, 840–851 (2018).

20.

Solomon, T. et al. Management of suspected viral encephalitis in adults – Association of British Neurologists and British Infection Association National Guidelines. *Journal of Infection* **64**, 347–373 (2012).

21.

Tyler, K. L. Emerging Viral Infections of the Central Nervous System, part 1. *Archives of Neurology* **66**, (2009).

22.

Tyler, K. L. Emerging Viral Infections of the Central Nervous System, part 2. Archives of Neurology **66**, (2009).

23.

Davies, N. & Thwaites, G. Infections of the nervous system. Practical Neurology **11**, 121-131 (2011).

24.

van de Beek, D. et al. Adjunctive dexamethasone in bacterial meningitis: a meta-analysis of individual patient data. The Lancet Neurology **9**, 254-263 (2010).

25.

Barker, P. B., Golay, X. & Zaharchuk, G. Clinical perfusion MRI: techniques and applications . (Cambridge University Press, 2013).

26.

Nogueira, R. G. et al. Thrombectomy 6 to 24 Hours after Stroke with a Mismatch between Deficit and Infarct. New England Journal of Medicine **378**, 11-21 (2018).

27.

Saloner, D. The AAPM/RSNA physics tutorial for residents. An introduction to MR angiography. RadioGraphics **15**, 453-465 (1995).

28.

Pandey, S. et al. Application of Basic Principles of Physics to Head and Neck MR Angiography: Troubleshooting for Artifacts. RadioGraphics **33**, E113-E123 (2013).

29.

Cody, D. D. AAPM/RSNA Physics Tutorial for Residents: Topics in CT. RadioGraphics **22**, 1255-1268 (2002).

30.

Kaufman, J. A., McCarter, D., Geller, S. C. & Waltman, A. C. Two-dimensional time-of-flight MR angiography of the lower extremities: artifacts and pitfalls. *American Journal of Roentgenology* **171**, 129–135 (1998).

31.

Thapar, A., Jenkins, I. H., Mehta, A. & Davies, A. H. Diagnosis and management of carotid atherosclerosis. *BMJ* **346**, f1485–f1485 (2013).

32.

von Reutern, G.-M. et al. Grading Carotid Stenosis Using Ultrasonic Methods. *Stroke* **43**, 916–921 (2012).

33.

RadioGraphics.

34.

AIUM Practice Guideline for the Performance of a Transcranial Doppler Ultrasound Examination for Adults and Children. *Journal of Ultrasound in Medicine* **31**, 1489–1500 (2012).

35.

Aries, M. J. H., Elting, J. W., De Keyser, J., Kremer, B. P. H. & Vroomen, P. C. A. J. Cerebral Autoregulation in Stroke. *Stroke* **41**, 2697–2704 (2010).

36.

Patricia C. Davis. Head Trauma. *American Journal of Neuroradiology* **28**, 1619–1621 (2007).

37.

Kim, J. J. & Gean, A. D. Imaging for the Diagnosis and Management of Traumatic Brain Injury. *Neurotherapeutics* **8**, 39–53 (2011).

38.

Gean, A. D. & Fischbein, N. J. Head Trauma. *Neuroimaging Clinics of North America* **20**, 527–556.

39.

Hijaz, T. A., Cento, E. A. & Walker, M. T. Imaging of Head Trauma. *Radiologic Clinics of North America* **49**, 81–103 (2011).

40.

AANS/CNS Joint Guidelines Committee. Guidelines for the Management of Acute Cervical Spine and Spinal Cord Injuries: Congress of Neurological Surgeons.
<https://www.cns.org/guidelines/guidelines-management-acute-cervical-spine-and-spinal-cord-injuries>.

41.

Head injury: assessment and early management: Guidance and guidelines: NICE clinical guideline No. 176. <https://www.nice.org.uk/guidance/cg176>.

42.

Spinal injury: assessment and initial management: Guidance and guidelines: NICE clinical guideline no. 41. <https://www.nice.org.uk/guidance/ng41>.

43.

Wardlaw, J. M. et al. Neuroimaging standards for research into small vessel disease and its contribution to ageing and neurodegeneration. *The Lancet Neurology* **12**, 822–838 (2013).

44.

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

45.

van de Beek, D., de Gans, J., Tunkel, A. R. & Wijdicks, E. F. M. Community-Acquired Bacterial Meningitis in Adults. *New England Journal of Medicine* **354**, 44–53 (2006).

46.

Gray, J. W., Ubhi, H. & Milner, P. Antimicrobial Treatment of Serious Gram-Negative Infections in Newborns. *Current Infectious Disease Reports* **16**, (2014).

47.

DeBiasi, R. L. A Concise Critical Analysis of Serologic Testing for the Diagnosis of Lyme Disease. *Current Infectious Disease Reports* **16**, (2014).

48.

Brain Abscess. *New England Journal of Medicine* **371**, 1756–1758 (2014).

49.

Tan, I. L., Smith, B. R., von Geldern, G., Mateen, F. J. & McArthur, J. C. HIV-associated opportunistic infections of the CNS. *The Lancet Neurology* **11**, 605–617 (2012).

50.

Bertholdo, D., Watcharakorn, A. & Castillo, M. Brain Proton Magnetic Resonance Spectroscopy. *Neuroimaging Clinics of North America* **23**, 359–380 (2013).