

ANIM0005: Pathology and Diagnostic Imaging I

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

'AIUM Practice Guideline for the Performance of a Transcranial Doppler Ultrasound Examination for Adults and Children', Journal of Ultrasound in Medicine, 31.9 (2012), pp. 1489–500, doi:10.7863/jum.2012.31.9.1489

Aries, Marcel J. H., and others, 'Cerebral Autoregulation in Stroke', Stroke, 41.11 (2010), pp. 2697–704, doi:10.1161/STROKEAHA.110.594168

Barker, Peter B., Xavier Golay, and Greg Zaharchuk, Clinical Perfusion MRI: Techniques and Applications (Cambridge University Press, 2013)
<http://ucl.alma.exlibrisgroup.com/view/action/uresolver.do?operation=resolveService&package_service_id=3202944840004761&institutionId=4761&customerId=4760>

Beek, Diederik van de, and others, 'Adjunctive Dexamethasone in Bacterial Meningitis: A Meta-Analysis of Individual Patient Data', The Lancet Neurology, 9.3 (2010), pp. 254–63, doi:10.1016/S1474-4422(10)70023-5

—, and others, 'Community-Acquired Bacterial Meningitis in Adults', New England Journal of Medicine, 354.1 (2006), pp. 44–53, doi:10.1056/NEJMr052116

Bertholdo, Débora, Arvemas Watcharakorn, and Mauricio Castillo, 'Brain Proton Magnetic Resonance Spectroscopy', Neuroimaging Clinics of North America, 23.3 (2013), pp. 359–80, doi:10.1016/j.nic.2012.10.002

Booss, John, and Margaret M. Esiri, Viral Encephalitis in Humans (ASM Press, 2003)

'Brain Abscess', New England Journal of Medicine, 371.18 (2014), pp. 1756–58, doi:10.1056/NEJMc1410501

Campbell, Michael J., and T. D. V. Swinscow, Statistics at Square One, 11th ed (Wiley-Blackwell, 2009)
<http://ucl.alma.exlibrisgroup.com/view/action/uresolver.do?operation=resolveService&package_service_id=2909755680004761&institutionId=4761&customerId=4760>

Clifford, David B., and Beau M. Ances, 'HIV-Associated Neurocognitive Disorder', The

Lancet Infectious Diseases, 13.11 (2013), pp. 976–86, doi:10.1016/S1473-3099(13)70269-X

Cody, Dianna D., 'AAPM/RSNA Physics Tutorial for Residents: Topics in CT', RadioGraphics, 22.5 (2002), pp. 1255–68, doi:10.1148/radiographics.22.5.g02se041255

Dalmau, Josep, and Francesc Graus, 'Antibody-Mediated Encephalitis', New England Journal of Medicine, 378.9 (2018), pp. 840–51, doi:10.1056/NEJMra1708712

Davies, N., and G. Thwaites, 'Infections of the Nervous System', Practical Neurology, 11.2 (2011), pp. 121–31, doi:10.1136/jnnp.2011.242214

Davis, Larry E., and Peter G. E. Kennedy, Infectious Diseases of the Nervous System (Butterworth-Heinemann, 2000)

DeBiasi, Roberta L., 'A Concise Critical Analysis of Serologic Testing for the Diagnosis of Lyme Disease', Current Infectious Disease Reports, 16.12 (2014), doi:10.1007/s11908-014-0450-9

Diamond, Marian Cleeves, Arnold B. Scheibel, and Lawrence M. Elson, The Human Brain Coloring Book, 1st ed (Barnes & Noble Books, 1985), ccvii

Evans, Nicholas R., and others, 'PET Imaging of Atherosclerotic Disease: Advancing Plaque Assessment from Anatomy to Pathophysiology', Current Atherosclerosis Reports, 18.6 (2016), doi:10.1007/s11883-016-0584-3

Gean, Alisa D., and Nancy J. Fischbein, 'Head Trauma', Neuroimaging Clinics of North America, 20.4 (n.d.), pp. 527–56
<<https://www.sciencedirect.com/search/advanced?docId=10.1016/j.nic.2010.08.001>>

Gray, James W., Hirinder Ubhi, and Philip Milner, 'Antimicrobial Treatment of Serious Gram-Negative Infections in Newborns', Current Infectious Disease Reports, 16.2 (2014), doi:10.1007/s11908-014-0400-6

Gwathmey, Kelly Graham, and others, 'Vasculitic Neuropathies', The Lancet Neurology, 13.1 (2014), pp. 67–82, doi:10.1016/S1474-4422(13)70236-9

Hijaz, Tarek A., Enzo A. Cento, and Matthew T. Walker, 'Imaging of Head Trauma', Radiologic Clinics of North America, 49.1 (2011), pp. 81–103, doi:10.1016/j.rcl.2010.07.012

Johnson, Richard T., Viral Infections of the Nervous System, 2nd ed (Lippincott-Raven, 1998)

Kaufman, J. A., and others, 'Two-Dimensional Time-of-Flight MR Angiography of the Lower Extremities: Artifacts and Pitfalls.', American Journal of Roentgenology, 171.1 (1998), pp. 129–35, doi:10.2214/ajr.171.1.9648776

Kim, Jane J., and Alisa D. Gean, 'Imaging for the Diagnosis and Management of Traumatic Brain Injury', Neurotherapeutics, 8.1 (2011), pp. 39–53, doi:10.1007/s13311-010-0003-3

Manji, Hadi, H. R. Jäger, and Alan Winston, 'HIV, Dementia and Antiretroviral Drugs:

30 Years of an Epidemic', *Journal of Neurology, Neurosurgery & Psychiatry*, 84.10 (2013), pp. 1126–37, doi:10.1136/jnnp-2012-304022

NICE, 'Head Injury: Assessment and Early Management: Guidance and Guidelines: NICE Clinical Guideline No. 176', n.d. <<https://www.nice.org.uk/guidance/cg176>>

—, 'Spinal Injury: Assessment and Initial Management: Guidance and Guidelines: NICE Clinical Guideline No. 41', n.d. <<https://www.nice.org.uk/guidance/ng41>>

Nogueira, Raul G., and others, 'Thrombectomy 6 to 24 Hours after Stroke with a Mismatch between Deficit and Infarct', *New England Journal of Medicine*, 378.1 (2018), pp. 11–21, doi:10.1056/NEJMoa1706442

Pandey, Shilpa, and others, 'Application of Basic Principles of Physics to Head and Neck MR Angiography: Troubleshooting for Artifacts', *RadioGraphics*, 33.3 (2013), pp. E113–23, doi:10.1148/rg.333125148

Pantoni, Leonardo, 'Cerebral Small Vessel Disease: From Pathogenesis and Clinical Characteristics to Therapeutic Challenges', *The Lancet Neurology*, 9.7 (2010), pp. 689–701, doi:10.1016/S1474-4422(10)70104-6

Patricia C. Davis, 'Head Trauma', *American Journal of Neuroradiology*, 28.8 (2007), pp. 1619–21 <<http://www.ajnr.org/content/28/8/1619>>

RadioGraphics, n.d.

<https://pubs.rsna.org/doi/10.1148/radiographics.15.1.7899596?url_ver=Z39.88-2003&rfr_id=ori:rid:crossref.org&rfr_dat=cr_pub%3dpubmed>

Reutern, Gerhard-Michael von, and others, 'Grading Carotid Stenosis Using Ultrasonic Methods', *Stroke*, 43.3 (2012), pp. 916–21, doi:10.1161/STROKEAHA.111.636084

Saloner, D., 'The AAPM/RSNA Physics Tutorial for Residents. An Introduction to MR Angiography.', *RadioGraphics*, 15.2 (1995), pp. 453–65, doi:10.1148/radiographics.15.2.7761648

Salvarani, Carlo, Robert D. Brown, and Gene G. Hunder, 'Adult Primary Central Nervous System Vasculitis', *The Lancet*, 380.9843 (2012), pp. 767–77, doi:10.1016/S0140-6736(12)60069-5

Scheld, W. Michael, Richard J. Whitley, and Christina M. Marra (eds), *Infections of the Central Nervous System*, Fourth edition (Wolters Kluwer Health, 2014) <http://ucl.alma.exlibrisgroup.com/view/action/uresolver.do?operation=resolveService∓package_service_id=3197714180004761&institutionId=4761&customerId=4760>

Solomon, T., and others, 'Management of Suspected Viral Encephalitis in Adults – Association of British Neurologists and British Infection Association National Guidelines', *Journal of Infection*, 64.4 (2012), pp. 347–73, doi:10.1016/j.jinf.2011.11.014

Sprawls, Perry, *Physical Principles of Medical Imaging*, 2nd edn (Aspen, 1993) <<http://www.sprawls.org/ppmi2/>>

'Statistics at Square One | The BMJ', n.d.

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

Stroud, K. A., and Dexter J. Booth, *Foundation Mathematics* (Palgrave Macmillan, 2009)

Tan, Ik Lin, and others, 'HIV-Associated Opportunistic Infections of the CNS', *The Lancet Neurology*, 11.7 (2012), pp. 605–17, doi:10.1016/S1474-4422(12)70098-4

—, and others, 'HIV-Associated Opportunistic Infections of the CNS', *The Lancet Neurology*, 11.7 (2012), pp. 605–17, doi:10.1016/S1474-4422(12)70098-4

Thapar, A., and others, 'Diagnosis and Management of Carotid Atherosclerosis', *BMJ*, 346.mar18 1 (2013), pp. f1485–f1485, doi:10.1136/bmj.f1485

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

Tyler, Kenneth L., 'Acute Viral Encephalitis', *New England Journal of Medicine*, 379.6 (2018), pp. 557–66, doi:10.1056/NEJMra1708714

—, 'Emerging Viral Infections of the Central Nervous System, Part 1', *Archives of Neurology*, 66.8 (2009), doi:10.1001/archneurol.2009.153

—, 'Emerging Viral Infections of the Central Nervous System, Part 2', *Archives of Neurology*, 66.9 (2009), doi:10.1001/archneurol.2009.189

Wardlaw, Joanna M., and others, 'Neuroimaging Standards for Research into Small Vessel Disease and Its Contribution to Ageing and Neurodegeneration', *The Lancet Neurology*, 12.8 (2013), pp. 822–38, doi:10.1016/S1474-4422(13)70124-8

Yousem, David M., and Rohini Nadgir, *Neuroradiology: The Requisites*, Fourth edition (Elsevier, 2017)