

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) <<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), 1489–1500 <<https://doi.org/10.7863/jum.2012.31.9.1489>>

Aries, Marcel J.H., Jan W. Elting, Jacques De Keyser, Berry P.H. Kremer, and Patrick C.A.J. Vroomen, 'Cerebral Autoregulation in Stroke', *Stroke*, 41.11 (2010), 2697–2704 <<https://doi.org/10.1161/STROKEAHA.110.594168>>

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

van de Beek, Diederik, Jeremy J Farrar, Jan de Gans, Nguyen Thi Hoang Mai, Elizabeth M Molyneux, Heikki Peltola, and others, 'Adjunctive Dexamethasone in Bacterial Meningitis: A Meta-Analysis of Individual Patient Data', *The Lancet Neurology*, 9.3 (2010), 254–63 <[https://doi.org/10.1016/S1474-4422\(10\)70023-5](https://doi.org/10.1016/S1474-4422(10)70023-5)>

van de Beek, Diederik, Jan de Gans, Allan R. Tunkel, and Eelco F.M. Wijdicks, 'Community-Acquired Bacterial Meningitis in Adults', *New England Journal of Medicine*, 354.1 (2006), 44–53 <<https://doi.org/10.1056/NEJMra052116>>

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

Booss, John, and Margaret M. Esiri, *Viral Encephalitis in Humans* (Washington, D.C.: ASM Press, 2003)

'Brain Abscess', *New England Journal of Medicine*, 371.18 (2014), 1756–58 <<https://doi.org/10.1056/NEJMc1410501>>

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

mp;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), 976-86
<[https://doi.org/10.1016/S1473-3099\(13\)70269-X](https://doi.org/10.1016/S1473-3099(13)70269-X)>

Cody, Dianna D., 'AAPM/RSNA Physics Tutorial for Residents: Topics in CT', *RadioGraphics*, 22.5 (2002), 1255-68 <<https://doi.org/10.1148/radiographics.22.5.g02se041255>>

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

Davies, N., and G. Thwaites, 'Infections of the Nervous System', *Practical Neurology*, 11.2 (2011), 121-31 <<https://doi.org/10.1136/jnnp.2011.242214>>

Davis, Larry E., and Peter G. E. Kennedy, *Infectious Diseases of the Nervous System* (Oxford ; Boston: 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)
<<https://doi.org/10.1007/s11908-014-0450-9>>

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

Evans, Nicholas R., Jason M. Tarkin, Mohammed M. Chowdhury, Elizabeth A. Warburton, and James H. F. Rudd, 'PET Imaging of Atherosclerotic Disease: Advancing Plaque Assessment from Anatomy to Pathophysiology', *Current Atherosclerosis Reports*, 18.6 (2016) <<https://doi.org/10.1007/s11883-016-0584-3>>

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

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

Gwathmey, Kelly Graham, Ted Michael Burns, Michael Paul Collins, and P James Bonham Dyck, 'Vasculitic Neuropathies', *The Lancet Neurology*, 13.1 (2014), 67-82
<[https://doi.org/10.1016/S1474-4422\(13\)70236-9](https://doi.org/10.1016/S1474-4422(13)70236-9)>

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

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

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

Kaufman, J A, D McCarter, S C Geller, and A C Waltman, 'Two-Dimensional Time-of-Flight MR Angiography of the Lower Extremities: Artifacts and Pitfalls.', *American Journal of Roentgenology*, 171.1 (1998), 129-35 <<https://doi.org/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), 39-53 <<https://doi.org/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), 1126-37 <<https://doi.org/10.1136/jnnp-2012-304022>>

Nogueira, Raul G., Ashutosh P. Jadhav, Diogo C. Haussen, Alain Bonafe, Ronald F. Budzik, Parita Bhuvra, and others, 'Thrombectomy 6 to 24 Hours after Stroke with a Mismatch between Deficit and Infarct', *New England Journal of Medicine*, 378.1 (2018), 11-21 <<https://doi.org/10.1056/NEJMoa1706442>>

Pandey, Shilpa, Michael Hakky, Ellie Kwak, Hernan Jara, Carl A. Geyer, and Sami H. Erbay, 'Application of Basic Principles of Physics to Head and Neck MR Angiography: Troubleshooting for Artifacts', *RadioGraphics*, 33.3 (2013), E113-23 <<https://doi.org/10.1148/rg.333125148>>

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

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

'RadioGraphics'

<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>

von Reutern, Gerhard-Michael, Michael-Wolfgang Goertler, Natan M. Bornstein, Massimo Del Sette, David H. Evans, Michael-Wolfgang Goertler, and others, 'Grading Carotid Stenosis Using Ultrasonic Methods', *Stroke*, 43.3 (2012), 916-21 <<https://doi.org/10.1161/STROKEAHA.111.636084>>

Saloner, D, 'The AAPM/RSNA Physics Tutorial for Residents. An Introduction to MR Angiography.', *RadioGraphics*, 15.2 (1995), 453-65 <<https://doi.org/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), 767-77 <[https://doi.org/10.1016/S0140-6736\(12\)60069-5](https://doi.org/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 (Philadelphia: 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., B.D. Michael, P.E. Smith, F. Sanderson, N.W.S. Davies, I.J. Hart, 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), 347-73 <<https://doi.org/10.1016/j.jinf.2011.11.014>>

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

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

'Statistics at Square One | The BMJ' <<https://www.bmj.com/about-bmj/resources-readers/publications/statistics-square-one>>

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

Tan, Ik Lin, Bryan R Smith, Gloria von Geldern, Farrah J Mateen, and Justin C McArthur, 'HIV-Associated Opportunistic Infections of the CNS', *The Lancet Neurology*, 11.7 (2012), 605-17 <[https://doi.org/10.1016/S1474-4422\(12\)70098-4](https://doi.org/10.1016/S1474-4422(12)70098-4)>

———, 'HIV-Associated Opportunistic Infections of the CNS', *The Lancet Neurology*, 11.7 (2012), 605-17 <[https://doi.org/10.1016/S1474-4422\(12\)70098-4](https://doi.org/10.1016/S1474-4422(12)70098-4)>

Thapar, A., I. H. Jenkins, A. Mehta, and A. H. Davies, 'Diagnosis and Management of Carotid Atherosclerosis', *BMJ*, 346.mar18 1 (2013), f1485-f1485 <<https://doi.org/10.1136/bmj.f1485>>

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

Tyler, Kenneth L., 'Acute Viral Encephalitis', *New England Journal of Medicine*, 379.6 (2018), 557-66 <<https://doi.org/10.1056/NEJMra1708714>>

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

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

Wardlaw, Joanna M, Eric E Smith, Geert J Biessels, Charlotte Cordonnier, Franz Fazekas, Richard Frayne, and others, 'Neuroimaging Standards for Research into Small Vessel Disease and Its Contribution to Ageing and Neurodegeneration', *The Lancet Neurology*, 12.8 (2013), 822-38 <[https://doi.org/10.1016/S1474-4422\(13\)70124-8](https://doi.org/10.1016/S1474-4422(13)70124-8)>

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