

ANIM0005: Pathology and Diagnostic Imaging I

[View Online](#)

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, vol. 31, no. 9, Sept. 2012, pp. 1489–500, <https://doi.org/10.7863/jum.2012.31.9.1489>.

Aries, Marcel J. H., et al. 'Cerebral Autoregulation in Stroke'. Stroke, vol. 41, no. 11, Nov. 2010, pp. 2697–704, <https://doi.org/10.1161/STROKEAHA.110.594168>.

Barker, Peter B., et al. 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. Electronic resource.

Bertholdo, Débora, et al. 'Brain Proton Magnetic Resonance Spectroscopy'. Neuroimaging Clinics of North America, vol. 23, no. 3, Aug. 2013, pp. 359–80, <https://doi.org/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, vol. 371, no. 18, Oct. 2014, pp. 1756–58, <https://doi.org/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, vol. 13, no. 11, Nov. 2013, pp. 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, vol. 22, no. 5, Sept. 2002, pp. 1255–68, <https://doi.org/10.1148/radiographics.22.5.g02se041255>.

- Dalmau, Josep, and Francesc Graus. 'Antibody-Mediated Encephalitis'. *New England Journal of Medicine*, vol. 378, no. 9, Mar. 2018, pp. 840–51, <https://doi.org/10.1056/NEJMra1708712>.
- Davies, N., and G. Thwaites. 'Infections of the Nervous System'. *Practical Neurology*, vol. 11, no. 2, Mar. 2011, pp. 121–31, <https://doi.org/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*, vol. 16, no. 12, Dec. 2014, <https://doi.org/10.1007/s11908-014-0450-9>.
- Diamond, Marian Cleeves, et al. *The Human Brain Coloring Book*. 1st ed, vol. 306, Barnes & Noble Books, 1985.
- Evans, Nicholas R., et al. 'PET Imaging of Atherosclerotic Disease: Advancing Plaque Assessment from Anatomy to Pathophysiology'. *Current Atherosclerosis Reports*, vol. 18, no. 6, June 2016, <https://doi.org/10.1007/s11883-016-0584-3>.
- Gean, Alisa D., and Nancy J. Fischbein. 'Head Trauma'. *Neuroimaging Clinics of North America*, vol. 20, no. 4, pp. 527–56, <https://www.sciencedirect.com/search/advanced?docId=10.1016/j.nic.2010.08.001>.
- Gray, James W., et al. 'Antimicrobial Treatment of Serious Gram-Negative Infections in Newborns'. *Current Infectious Disease Reports*, vol. 16, no. 2, Feb. 2014, <https://doi.org/10.1007/s11908-014-0400-6>.
- Gwathmey, Kelly Graham, et al. 'Vasculitic Neuropathies'. *The Lancet Neurology*, vol. 13, no. 1, Jan. 2014, pp. 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., et al. 'Imaging of Head Trauma'. *Radiologic Clinics of North America*, vol. 49, no. 1, Jan. 2011, pp. 81–103, <https://doi.org/10.1016/j.rcl.2010.07.012>.
- Johnson, Richard T. *Viral Infections of the Nervous System*. 2nd ed, Lippincott-Raven, 1998.
- Kaufman, J. A., et al. 'Two-Dimensional Time-of-Flight MR Angiography of the Lower Extremities: Artifacts and Pitfalls.' *American Journal of Roentgenology*, vol. 171, no. 1, July 1998, pp. 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*, vol. 8, no. 1, Jan. 2011, pp. 39–53, <https://doi.org/10.1007/s13311-010-0003-3>.
- Manji, Hadi, et al. 'HIV, Dementia and Antiretroviral Drugs: 30 Years of an Epidemic'. *Journal of Neurology, Neurosurgery & Psychiatry*, vol. 84, no. 10, Oct. 2013, pp. 1126–37, <https://doi.org/10.1136/jnnp-2012-304022>.

Nogueira, Raul G., et al. 'Thrombectomy 6 to 24 Hours after Stroke with a Mismatch between Deficit and Infarct'. *New England Journal of Medicine*, vol. 378, no. 1, Jan. 2018, pp. 11–21, <https://doi.org/10.1056/NEJMoa1706442>.

Pandey, Shilpa, et al. 'Application of Basic Principles of Physics to Head and Neck MR Angiography: Troubleshooting for Artifacts'. *RadioGraphics*, vol. 33, no. 3, May 2013, pp. 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*, vol. 9, no. 7, July 2010, pp. 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*, vol. 28, no. 8, Sept. 2007, pp. 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.

Saloner, D. 'The AAPM/RSNA Physics Tutorial for Residents. An Introduction to MR Angiography.' *RadioGraphics*, vol. 15, no. 2, Mar. 1995, pp. 453–65, <https://doi.org/10.1148/radiographics.15.2.7761648>.

Salvarani, Carlo, et al. 'Adult Primary Central Nervous System Vasculitis'. *The Lancet*, vol. 380, no. 9843, Aug. 2012, pp. 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, et al., editors. *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., et al. 'Management of Suspected Viral Encephalitis in Adults – Association of British Neurologists and British Infection Association National Guidelines'. *Journal of Infection*, vol. 64, no. 4, Apr. 2012, pp. 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, 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*. Palgrave Macmillan, 2009.

Tan, Ik Lin, et al. 'HIV-Associated Opportunistic Infections of the CNS'. *The Lancet Neurology*, vol. 11, no. 7, July 2012, pp. 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*, vol. 11, no. 7, July 2012, pp. 605–17, [https://doi.org/10.1016/S1474-4422\(12\)70098-4](https://doi.org/10.1016/S1474-4422(12)70098-4).

Thapar, A., et al. 'Diagnosis and Management of Carotid Atherosclerosis'. *BMJ*, vol. 346, no. mar18 1, Mar. 2013, pp. 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*, vol. 379, no. 6, Aug. 2018, pp. 557–66, <https://doi.org/10.1056/NEJMra1708714>.

———. 'Emerging Viral Infections of the Central Nervous System, Part 1'. *Archives of Neurology*, vol. 66, no. 8, Aug. 2009, <https://doi.org/10.1001/archneurol.2009.153>.

———. 'Emerging Viral Infections of the Central Nervous System, Part 2'. *Archives of Neurology*, vol. 66, no. 9, Sept. 2009, <https://doi.org/10.1001/archneurol.2009.189>.

van de Beek, Diederik, Jeremy J. Farrar, et al. 'Adjunctive Dexamethasone in Bacterial Meningitis: A Meta-Analysis of Individual Patient Data'. *The Lancet Neurology*, vol. 9, no. 3, Mar. 2010, pp. 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, et al. 'Community-Acquired Bacterial Meningitis in Adults'. *New England Journal of Medicine*, vol. 354, no. 1, Jan. 2006, pp. 44–53, <https://doi.org/10.1056/NEJMra052116>.

von Reutern, Gerhard-Michael, et al. 'Grading Carotid Stenosis Using Ultrasonic Methods'. *Stroke*, vol. 43, no. 3, Mar. 2012, pp. 916–21, <https://doi.org/10.1161/STROKEAHA.111.636084>.

Wardlaw, Joanna M., et al. 'Neuroimaging Standards for Research into Small Vessel Disease and Its Contribution to Ageing and Neurodegeneration'. *The Lancet Neurology*, vol. 12, no. 8, Aug. 2013, pp. 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, Elsevier, 2017.