

REFERENCES

1. **Abdelmoumene A, Chevallier P, Chalaron M et al**, 2005. Detection of liver metastases under 2 cm: comparison of different acquisition protocols in four row multidetector-CT (MDCT). *Eur Radiol*; 15(9):1881–1887.
2. **Abrahams PH, Marks SC Jr& Hutchings R**, 2002. *McMinn's Colour Atlas of Human Anatomy*, 5th ed. London: Churchill Livingstone,
3. **Berkovitz BKB, Kirsh C, Moxham BJ, Alusi G, Cheeseman T**, 2002. *Interactive Head and Neck*. London: Primal Pictures,
4. **Brisman JL, Song JK& Newell DW**, 2006. Cerebral aneurysms. *N Engl J Med*. Aug 31 ; 355(9):928-39.
5. **Butler WE, Barker FG 2nd& Crowell RM**, 1996. Patients with polycystic kidney disease would benefit from routine magnetic resonance angiographic screening for intracerebral aneurysms: a decision analysis. *Neurosurgery*. Mar ;38(3):506-15; discussion 515-6.
6. **Campbell J, Kalra MK& Rizzo S**, 2005. Scanning beyond anatomic limits of the thorax in chest CT: findings, radiation dose, and automatic tube current modulation. *AJR Am J Roentgenol*; 185(6):1525–1530.
7. **Chappel**, 2003. Comparison of computed tomographic angiography with digital subtraction angiography in the diagnosis of intracranial aneurysms. *Neurosurgery*,; 52:624-631
8. **Crossman AR& Neary D**, 2000. *Neuroanatomy*, 2nd ed. Edinburgh: Churchill Livingstone,

9. **Dammert S, Krings T& Moller-Hartmann W**, 2004. Detection of intracranial aneurysms with multislice CT: comparison with conventional angiography. *Neuroradiology*; 46(6):427-434.
10. **Duddulwar VA**, 2004. Multislice CT angiography: a practical guide to CT angiography in vascular imaging and intervention. *BJR*; 77:27-38.
11. **Fitzgerald MJT&Folan-Curran J**, 2001. *Clinical Neuroanatomy and Related Science*, 4th ed. Edinburgh: Churchill Livingstone,
12. **Flohr T, Stierstorfer K, Bruder H et al**, 2002. New technical developments in multislice CT. 1. Approaching isotropic resolution with sub-millimeter 16-slice scanning. *Rofo Fortschr Geb Rontgenstr Neuen Bildgeb Verfahr*; 174:839-845.
13. **Fuchs T, Krause J, Schaller S et al**, 2000. Spiral interpolation algorithms for multislice spiral CT. II. Measurement and evaluation of slice sensitivity profiles and noise at a clinical multislice system. *IEEE Trans Med Imaging*; 19:835-847.
14. **Gray H**, 2005. Arterial Supply of the Brain: Section 2, Neuroanatomy. In: Standring S (ed). *Anatomical Bases of Clinical Practice*, 39th ed. Elsevier Ltd.; 389-403.
15. **Gray H**, 2002. Blood supply of the Brain in *Anatomy of the Human Body*, 20th ed. Philadelphia: Lea and Febiger.;151-152.
16. **Greenberg MS**, 2001. SAH and aneurysms. In: Greenberg MS, ed. *Handbook of Neurosurgery*. 5th ed. New York: Thieme Medical Publishers; :754-803.
17. **Hoh BL, Cheung AC, Rabinov JD, et al**, 2004. Results of a prospective protocol of computed tomographic angiography in place

- of catheter angiography as the only diagnostic and pretreatment planning study for cerebral aneurysms by a combined neurovascular team. *Neurosurgery*. Jun ; 54(6):1329-40; discussion 1340-2.
- 18.**Hoh BL, Cheung AC& Rabinov JD**, 2004. Results of a prospective protocol of computed tomographic angiography in place of catheter angiography as the only diagnostic and pretreatment planning study for cerebral aneurysms by a combined neurovascular team. *Neurosurgery*; 54(6):1329-1340.
- 19.**Hokari M, Yasuda H, Iwasaki M, Kawabori M, Kuroda S, Abe S, Saitoh H**, 2010. Intracerebral hemorrhage from a ruptured aneurysm at the site of anastomosis 27 years after superficial temporal artery-middle cerebral artery bypass. *Neurol Med Chir (Tokyo)*.;50(11):1012-4.
- 20.**Hsieh J**, 2001. Investigation of the slice-sensitivity profile for step-and-shoot mode multi-slice computed tomography. *Med Phys*; 28:491-497.
- 21.**Hu H, He HD, Foley WD et al**, 2000. Four multidetector-row helical CT: image quality and volume coverage speed. *Radiology*; 215:55-62
- 22.**International Study of Unruptured Intracranial Aneurysms Investigators (ISUIA)**, 1998. Unruptured intracranial aneurysms--risk of rupture and risks of surgical intervention. *International Study of Unruptured Intracranial Aneurysms Investigators*. *N Engl J Med*. Dec 10 ;339(24):1725-33.
- 23.**Jhaveri KS, Saini S, Levine LA et al**, 2001. Effect of multislice CT technology on scanner productivity. *AJR*; 177:769-772.

24. **Jhaveri KS, Saini S, Levine LA et al**, 2001. Effect of multislice CT technology on scanner productivity. *AJR Am J Roentgenol*; 177(4):769–772.
25. **Juvela S, Porras M& Poussa K**, 2000. Natural history of unruptured intracranial aneurysms: probability and risk factors for aneurysm rupture. *Neurosurg Focus.* ;8(5):Preview 1.
26. **Kalra MK, Maher MM, D’Souza R, Saini S**, 2004. Multidetector computed tomography technology: current status and emerging developments. *J Comput Assist Tomogr a*; 28 [Suppl 1]:S2–6.
27. **Kalra MK, Maher MM, Kamath RS et al**, 2004. Sixteen-detector row CT of abdomen and pelvis: study for optimization of Z-axis modulation technique performed in 153 patients. *Radiology b*; 233(1):241–249.
28. **Kalra MK, Maher MM, Toth TL et al**, 2004. Radiation from “extra” images acquired with abdominal and/or pelvic CT: effect of automatic tube current modulation. *Radiology d*; 232(2):409–414.
29. **Kalra MK, Maher MM, Toth TL et al**, 2004. Strategies for CT radiation dose optimization. *Radiology c*; 230(3):619–628.
30. **Kalra MK, Maher MM, Toth TL et al**, 2004. Techniques and applications of automatic tube current modulation for CT. *Radiology e*; 233(3):649–657.
31. **Kalra MK, Prasad S, Saini S et al**, 2002. Clinical comparison of standard-dose and 50% reduced dose abdominal CT: effect on image quality. *AJR Am J Roentgenol*; 179(5):1101–1106. Erratum in: *AJR Am J Roentgenol* 179(6):1645.

32. **Kalra MK, Rizzo S, Maher MM et al**, 2005. Chest CT performed with z-axis modulation: scanning protocol and radiation dose. *Radiology*; 237(1):303–308.
33. **Kangasniemi M, Makela T, Koskinen S et al**, 2004. Detection of intracranial aneurysms with two-dimensional and three-dimensional multislice helical computed tomographic angiography. *Neurosurgery*; 54(2):336-340.
34. **Karamessini MT, Kagadis GC, Petsas T et al**, 2004. CT angiography with three-dimensional techniques for the early diagnosis of intracranial aneurysms. Comparison with intra-arterial DSA and the surgical findings. *Eur J Radiol* 49(3):212-223.
35. **Kawashima M, Endo M, Kitahara T, Soma K, Fujii K**, 2008. Unusual location of anterior communicating artery aneurysm located on the planum sphenoidale due to long A1 segments. *Neurol Med Chir (Tokyo)*. Jun;48(6):254-6.
36. **Keedy A**, 2006. An overview of intracranial aneurysms. *MJM* 9(2):141-146.
37. **Kershenovich A, Rappaport ZH& Maimon S**, 2006. Brain computed tomography angiographic scans as the sole diagnostic examination for excluding aneurysms in patients with perimesencephalic subarachnoid hemorrhage. *Neurosurgery*. Oct ; 59(4):798-801; discussion 801-2.
38. **Klingensbeck-Regn K, Schaller S, Flohr T et al**, 1999. Subsecond multi-slice computed tomography: basics and applications. *Eur J Radiol*; 31:110-124.

- 39.**Mahesh M**, 2002. The AAPM/RSNA physics tutorial for residents: search for isotropic resolution in CT from conventional through multiple-row detector. *Radiographics*; 22:949-962.
- 40.**McCollough CH&Zink FE**, 1999. Performance evaluation of a multi-slice CT system. *Med Phys*; 26:2223-2230.
- 41.**Moeller** ,2007 .Pocket atlas of sectional anatomy, computed tomography and magnetic resonance imaging .volume 1 head and neck; 2-26.
- 42.**Ohkuma H**, 2003. Acute subdural haematoma caused by aneurysmal rupture: incidence and clinical features. *Cerebrovasc Dis*; 16:171-173
- 43.**Prokop M**, 2003.General principles of MDCT. *Eur J Radiol a*; 45 [Suppl 1]:S4-S10.
- 44.**Prokop M**, 2003. Image processing and display techniques. In: Prokop M, Galanski M (eds) *Spiral and multislice computed tomography of the body*. Thieme, Stuttgart, b; 45-82.
- 45.**Prokop M**, 2003. Optimization of scanning technique. In: Prokop M, Galanski M (eds) *Spiral and multislice computed tomography of the body*. Thieme, Stuttgart, c; 109-130.
- 46.**Prokop M**,2003. Radiation exposure and image quality. In: Prokop M, Galanski M (eds) *Spiral and multislice computed tomography of the body*. Thieme, Stuttgart, d; 131-160.
- 47.**Proksa R, Kohler T, Grass M et al**, 2000. The n-PI method for helical cone-beam CT. *IEEE Trans Med Imaging*; 19:848-863.
- 48.**Rinkel GJ**, 2003.Treatment of patients with aneurysmal subarachnoid haemorrhage. *Lancet Neurol*; 2 : 12.

49. **Rubin GD, Shiau MC, Leung AN et al**, 2000. Aorta and iliac arteries: single versus multiple detector row helical CT angiography. *Radiology*; 215:670-676.
50. **Rubin GD**, 2000. Data explosion: the challenge of multidetector row CT. *Eur J Radiol*; 36:74-80.
51. **Saini S**, 2004. Multi-detector row CT: principles and practice for abdominal applications. *Radiology*; 233(2):323–327.
52. **Sames TA, Storrow AB, Finkelstein JA, et al**, 1996. Sensitivity of new-generation computed tomography in subarachnoid hemorrhage. *Acad Emerg Med*. Jan ;3(1):16-20.
53. **Schievink WI**, 1997. Intracranial aneurysms. *N Engl J Med*. Jan 2 ; 336(1):28-40.
54. **Weidekamm C, Prokop M & Herold C**, 2002. Low kVp settings improve contrast enhancement and reduce radiation exposure in spiral CT of pulmonary emboli. *Eur Radiol*; 12 [Suppl]:149.
55. **White PM, Teasdale EM, Wardlaw JM, Easton V**, 2001. Intracranial aneurysms: CT angiography and MR angiography for detection prospective blinded comparison in a large patient cohort. *Radiology*; 219(3):739-749.
56. **Wiebers DO, Whisnant JP, Huston J 3rd, et al**, 2003. Unruptured intracranial aneurysms: natural history, clinical outcome, and risks of surgical and endovascular treatment. *Lancet*. Jul 12 ; 362(9378):103-10.
57. **Yanaka K, Nagase S, Asakawa H, et al**, 2004. Management of unruptured cerebral aneurysms in patients with polycystic kidney disease. *Surg Neurol*. Dec ;62(6):538-45; discussion 545.

58. **Yoon DY, Lim KJ, Choi CS, et al, 2007.** Detection and Characterization of Intracranial Aneurysms with 16-Channel Multidetector Row CT Angiography: A Prospective Comparison of Volume-Rendered Images and Digital Subtraction Angiography. *American Journal of Neuroradiology*; 28:60-67.
59. **Youssef AS, Abdel Aziz KM, Kim EY et al, 2004.** The carotid-oculomotor window in exposure of upper basilar artery aneurysms: A cadaveric morphometric study. *Neurosurgery* 54:1181-1187.