
REFERENCES

- Abbitt PL.** ultrasound: A pattern approach, McGraw-Hill Inc., 1995, pp 391-409.
- Albrecht T, Lotzof K, Hussain HK, Shedden D, Cosgrove DO, deBruyn R:** Power Doppler US of the normal prepubertal testis, does it live up to its promises?, Radiology 1997, 203: 227-231.
- Allen TD, Elder JS:** Shortcomings of color Doppler sonography in the diagnosis of testicular torsion. J Urol 1995, 154: 1508-10.
- Amelar R, Dubin L:** Right varicocelectomy in selected infertile patients who have failed to improve after previous left varicocelectomy. Fertil Steril 1987, 47: 833-837.
- Avila NA, Premkumar A, Shawker TH, et al:** Testicular adrenal rest tissue in congenital adrenal hyperplasia: Findings at gray scale and color Doppler US. Radiology 1996, 198: 99-104.
- Babcock DS, Patriquin H, LaFortune M, Dauzat M:** Power Doppler sonography: basic principles and clinical applications in children. Pediatric Radiol 2000, 26: 109-115.
- Bader TR, Kammerhuber F, Herneth AM:** Testicular blood flow in boys as assessed at color Doppler and power Doppler sonography. Radiology 1997, 202: 559-564.
- Bahnson RR, Slasky BS, Ernstoff MC, et al:** Sonographic characteristics of epidermoid cysts of the testicle. Urology 1990, 35: 508-510.
- Baker LA, Sigman D, Mathews RI, et al:** An analysis of clinical outcomes using color Doppler testicular ultrasound for testicular torsion. Pediatrics 2000, 105: 604-607.
- Barth RA, Shortliffe LA:** Normal pediatric testis: Comparison of power Doppler and color Doppler US in the detection of blood flow. Radiology 2001, 204: 389-393.
- Becker D, Burst M, Wehler M, et al:** Differentialdiagnose des hodenschmerzes mit der farbkodierten Duplexsonographie. Dtsch. Med. Wschr. 1997, 122: 1405-1409.

- Benson CB, Doubilet PM, Richie JP:** Sonography of the male genital tract. *AJR* 1989, 153: 705-713.
- Berganza MT, Sarria L, Cozcolluela R, et al:** Cysts of the tunica albuginea: sonographic appearance. *AJR AM J Roentgenol* 1998, 170: 183-185.
- Berman JM, Beldle TR, Kunberger LE, Letourneau JG:** Sonographic evaluation of intrascrotal pathology. *AJR* 1996, 166: 857-861.
- Black JAR, Patel A:** Sonography of the normal extratesticular space. *AJR* 1996, 167: 503-506.
- Bloom C, Hamilton P, Cashoff J:** Scrotal ultrasonography, a pictorial essay. *Can Assoc Radiol J* 1998, 49: 12-20.
- Bolgarskii IS and Rakhmatullaev BM:** Color Doppler sonography of normal male genitalia and varicocele. *Vestn rentgenol radiol* 2002, 2: 5-51.
- Bree DS and Hoang SJ:** Color Doppler ultrasound evaluation of the acute scrotum. *Tech Urol* 1996, 4: 182-184.
- Brooks JD:** Anatomy of the lower urinary tract. In Walsh PC, Retik AB, Wein AJ (eds): *Campbell's urology*, seventh edit., Vol. 1, WB Saunders, 1998, pp 89-128.
- Brown DL, Benson C B, Doherty FJ, et al:** Cystic testicular mass caused by dilated rete testis: Sonographic findings in 31 cases. *AJR* 1992, 158: 1257-1259.
- Bude RO, Rubin JM:** Power Doppler sonography. *Radiology J* 1996, 200: 21-23.
- Burks DD, Markey BJ, Burkhard TJ, et al:** Suspected testicular torsion and ischemia: Evaluation with color Doppler sonography. *Radiology* 1990, 175: 815-821.
- Casalino DD, Kim R.** clinical importance of a unilateral striated pattern seen on sonography of the testicle. *AJR* 2002, 178: 927-930.
- Chang MS, Yang DM, Oh YH, et al:** Chronic tuberculous epididymitis: color Doppler US findings with histopathological correlation. *Abdom imaging* 2000, 25: 559-562.

- Cochlin DL, Dubbins PA, Goldberg BB, Alexander AA:** Urogenital ultrasound. Martin Duntiz, 1994, pp 187-255.
- Comiter CV, Benson CJ, Capelouto CC, et al:** Nonpalpable intratesticular masses detected sonographically. J Urol 1995, 154: 1367-1369.
- Costabile PA, Skoog S, Radowich M:** Testicular volume assessment in the adolescent with a varicocele. J Urol. 1992, 147: 1348-1550.
- Dhabuwala C, Hamid S, Moghissi K:** Clinical versus subclinical varicocele: Improvement in fertility after varicocelectomy. Fertil Steril 1992, 57: 854-857.
- Dock W, Grabenwoger F, Metz V, et al:** Tumor vascularization: Assessment with Duplex sonography. Radiology 1991, 181: 241-244.
- Doherty FJ:** Ultrasound of the non acute scrotum: imaging of the male external genital tract. Seminars in ultrasound: CT and MR 1991, 12: 131-56.
- Dubin L, Amelar R:** Varicocele size and results of varicocelectomy in selected subfertile men with a varicocele. Fertil Steril 1970, 21: 606.
- Eskew A, Watson N, Wolfman N, et al:** The accuracy of ultrasonographic diagnosis of varicocele. J Urol 1993, 149: 348A.
- Farriol VG, Comella XP, Agromayor EG, et al:** gray scale and power Doppler sonographic appearance of acute inflammatory diseases of the scrotum. J Clin ultrasound 2000, 28: 67-72.
- Finkelstein MS, Rosenberg HK, Snyder HM, Duckett WJ:** Ultrasound evaluation of scrotum in pediatrics. Urology 1986, 27: 1.
- Fitzgerald SW, Erickson S, DeWire DM, et al:** Color Doppler sonography in the evaluation of the adult acute scrotum. J. Ultrasound Med. 1992, 11: 543-548.
- Foley WD, Erickson SJ:** Color Doppler flow imaging. AJR 1991, 156: 3-13.

- Fuse H, Schimazaki J, Katayama T:** Ultrasonography of testicular tumors. *Eur Urol* 1990, 17: 273.
- Geraghty M, Le FT, Bernstein SA, et al:** Sonography of testicular tumors. *Clin Rev Diagn Imaging* 1998; 39: 1-63.
- Grantham JG, Charboneau JW, James EM, et al:** Testicular neoplasms: 29 tumors studied by high resolution US. *Radiology* 1985, 157: 775-780.
- Hamm B:** Differential diagnosis of scrotal masses by ultrasound. *Eur. Radiol.* 1997, 7: 668-79.
- Harris L and Carlos J:** Fetal and pediatric ultrasound. 2002, 114: 528-73.
- Herbener TE:** Ultrasound in the assessment of the acute scrotum. 1996, *J Clin Ultrasound* 24: 405-421.
- Honig SC, Thompson ST, Lipschultz LI:** Reassessment of male factor infertility, including the varicocele, sperm penetration assay, semen analysis, and in vitro fertilization. *Curr Opin Ob/Gyn* 1993, 5: 245-251.
- Honig SC:** New diagnostic techniques in the evaluation of anatomic abnormalities of the infertile male. *Urol Clin North Am* 1998, Vol. 21.
- Horstman WG, Haluszka MM, Burkhard TK:** Management of testicular masses incidentally discovered by ultrasound. *J Urol*, 1994, 151: 1263-1265.
- Horstman WG, Melson GL, Middleton WD, Andriole GS:** Testicular tumors: Findings with color Doppler US. *Radiology* 1992, 185: 733-737.
- Horstman WG, Middleton WD, Melson GL:** Scrotal inflammatory disease: Color Doppler US findings. *Radiology* 1991, 179:
- Horstman WG:** Scrotal imaging. *Urol Clin North Am* 1997, 24: 653-69.
- Jeffrey RB, Laing FC, Hricak H, et al:** Sonography of testicular trauma. *AJR AM J Roentgenol* 1993, 141: 993-995.

- Kim SH.** Urogenital tuberculosis. In: Pollack HM, McClennan BL, Dyer R, Kenney PJ, eds. Clinical urography. Philadelphia: Saunders, 2000, 1193-1228.
- Kiris A, Kocakoc E, Orhan I et al:** Incidence and importance of reflux in testicular veins of healthy men evaluated with color Duplex sonography. J clin ultrasound 2002, 30: 282-287.
- Kondoh N, Meguro N, Matsumiya K, et al:** Significance of subclinical varicocele detected by scrotal sonography in male infertility: a preliminary report. J Urol 1993, 150: 1158-1160.
- Konthanen TK, Bondestam S, Miettunen RH:** Differential diagnosis in scrotal ultrasound. A review of 128 consecutive cases. Scand J Urol. 1990, 24: 7.
- Kravchick S, Cytron S, Leibovici O, et al:** Color Doppler sonography: its real role in the evaluation of children with highly suspected testicular torsion. Eur radiology 2001, 11: 1000-5.
- Kreiger JN, Wang K, Mack L:** Preliminary evaluation of color Doppler imaging for investigation of intrascrotal pathology, Urol. 1990, 144: 904.
- Krone KD, Carroll BA:** Scrotal ultrasound. Radiol Clin North Am 1985, vol. 23.
- Lee FT, Winter DB, Madsen FA, et al:** Conventional color Doppler velocity sonography versus color Doppler energy sonography for the diagnosis of acute experimental torsion of the spermatic cord. AJR 1996, 167: 785-790.
- Lentini JF, Benson CB, Richie JP:** Sonographic features of focal orchitis, J Ultrasound Med 1989, 8: 361.
- Lerner RM, Mevorach RA, Hulber WC, Rabinowitz R:** Color Doppler US in the evaluation of acute scrotal disease. Radiology 1990, 176: 355.
- Luker GD, Siegel MJ:** Color Doppler sonography of the scrotum in children. 1994, A.J.R. 163: 649-655.
- Luker GD, Seigel MJ:** Scrotal US in pediatric patients: comparison of power and standard color Doppler US. Radiology 1996, 198: 381-385.

- Matthias Hofer:** Sonography of the scrotum, Teaching manual of color Duplex sonography 2001; 53-56.
- Maxwell AJ, Mamtara H:** Sonographic appearance of epidermoid cyst of the testis. J Clin Ultrasound 1990, 18: 188-190.
- Mazzu D, Jeffrey RB, Ralls PW:** Lymphoma and leukemia involving the testicles: findings of grey scale and color Doppler sonography. Am J Radiol 1995, 164: 645-7.
- McClure D, Khoo D, Jarvi K, et al:** Subclinical varicocele: the effectiveness of varicocelectomy. J Urol 145: 789-791, 1991.
- Micallef M, Torregiani WC, Hurley M, et al:** International journal of STD and AIDS 2000, 11: 297-302.
- Middleton MA, Middleton WD, O'Connor MM, et al:** Sonographic prediction of viability in testicular torsion. Abstract 1993, RSNA.
- Middleton WD, Bell MW:** Analysis of intratesticular arterial anatomy with emphasis on transmediastinal arteries. Radiology 1993, 189: 157-160.
- Middleton WD, Fitzgerald SW:** Color Doppler imaging of the scrotum and penis. In: Clinical Applications of Doppler Ultrasound. New York: Raven press, 1999: 180-92.
- Middleton WD, Melson GL:** Testicular ischemia: color Doppler sonographic findings in five patients. AJR 1990, 152: 1237-1239.
- Middleton WD, Thorne DA, Melson GL:** Color Doppler ultrasound of the normal testis. AJR AM J Roentgenol 1989, 152: 293-297.
- Mihmanli I, Kurugoglu S, Cantasdemir M et al:** Color Doppler ultrasound in subclinical varicocele. Eur J ultrasound 2000, 12: 43-48.
- Moorjani V, Mashankar A, Goel S, et al:** Sonographic appearance of primary testicular lymphoma. AJR 1991, 157: 1225-1226.
- Mostofi FK:** Testicular tumors epidemiological, etiologic and pathologic features. Cancer 1993, 32: 1186.

- Ozcan H, Aytac S, Yagi C, et al:** Color Doppler ultrasonographic findings in intratesticular varicocele. Clin. Ultrasound 1997, 25: 325-329.
- Paltiel HJ, Connolly LP, Atala A, et al:** Acute scrotal symptoms in boys with indeterminate clinical presentation: comparison of color Doppler sonography and scintigraphy: Radiology 1998, 207: 223-231.
- Paltiel HJ, Rupich RC, Babcock SD:** Maturational changes in arterial impedance of the normal testis in boys: Doppler sonographic study. AJR 1994, 163: 1189-1193.
- Peter G. Schulam, Akira Kawashima, Carl Sandler, et al:** urinary tract imaging. Campbell's urology 2002; Section 2, chapter 4, 8th ed; 582-563.
- Patriquin HB, Yazbeck S, Trinh B, et al:** Testicular torsion in infants and children: Diagnosis with Doppler sonography. Radiology 1993, 188: 781-785.
- Pickard RS, Oates CP, Sethia K, et al:** The role of color Duplex ultrasonography in diagnosis of vasculogenic impotence. 1991, Br. J. Urol. 68: 537-540.
- Pryor JL, Watson LR, Day DL, et al:** Scrotal ultrasound for evaluation of subacute testicular torsion: Sonographic findings and adverse clinical implications. J Urol 1994, 151: 693-697.
- Resim S, Cek M, Fazlioglu A, et al:** Echo-color Doppler ultrasonography in the diagnosis of varicocele. International urology and nephrology 1999, 31: 371-382.
- Resim S, Tasci AI, Caskurlu T et al:** Color Doppler sonography and spectral analysis of venous flow in diagnosis of varicocele. Eur Urol 2001, 39: 316-321.
- Rick Feld MD, Middleton WD:** Recent advances in sonography of the testis and scrotum. Radiol Clin North am 1992, vol. 30.
- Rifkin MD, Foy PN, Kurtz AB, et al:** The role of diagnostic ultrasonography in varicocele evaluation. J Ultrasound Med 1983, 2: 271-275.
- Rowland RG, Foster RS, Donohue JP:** Scrotum and testis. In Gllinwater JY, Grayhack JT, Howards SS, Duckett JW (eds): Adult and

- Weskott HP:** Amplitude Doppler US: Slow blood flow detection tested with a flow phantom. *Radiology* 2001, 202: 125-130.
- Wilbert DM, Schaerfe CW, stern WD, et al:** Evaluation of the acute scrotum by color-Doppler ultrasonography. *J Urol* 1993, 149: 1475-1477.
- William G. Horstman:** Scrotal imaging. *Urologic clinics of north America* 1997, 653-669.
- Williams PL, Dyson:** Gray's anatomy, thirty seventh edit., ELBS Churchill Livingstone, 1989, 1424-1431.
- Yang DM, Yoon MH, Kim HS, et al:** comparison of tuberculous and pyogenic epididymal abscesses: clinical, gray scale sonographic and color Doppler sonographic features. *AJR* 2001, 177: 1131-1135.
- Zagoria RJ, Tung GA:** Genitourinary Radiology, the requisites. St. Louis, Mosby, 1997, 306-342.