

REFERENCES

1. Andrews RE, McMahon CJ, Yates RW, et al: Echocardiographic assessment of conjoined twins. *Heart* 2006; 92:382–387.
2. Anupindi S, Jaramillo D: Pediatric magnetic resonance imaging techniques. *Magnetic Resonance Imaging Clinics of North America* 2002;10: 189–207.
3. Azumendi G and Kurjak A. Three-dimensional and four dimensional sonography in the study of the fetal face. *Ultrasound Rev Obstet Gynecol* 2003; 3: 160–9.
4. Bae KT, Whiting BR. Basic principles of computed tomography physics and technical considerations. In (Computed Body Tomography with MRI Correlation).By Lee KTL, Sagel SS, Stanley RG, et al (editors). 4th edition. Philadelphia: Lippincott Williams & Wilkins. 2006; 1–28.
5. Barth RA, Filly RA, Goldberg JD, et al .Conjoined twins: prenatal diagnosis and assessment of associated malformations. *Radiology*. 1990; 177:201–207.
6. Basgül A, Kavak ZN, Sezen D, et al: (Thoraco-Omphalopagus Conjoined Twins Detected at as Early as 9 Weeks of Gestation: Transvaginal Two-Dimensional Ultrasound, Color Doppler and Fetoplacental Doppler Velocity Waveform Findings); *Fetal Diagn Ther* 2006; 21: 477–480.
7. Boone JM, Geraghty EM, Seibert JA, et al: Dose reduction in pediatric CT: A rational approach. *Radiology*. 2003; 228:352–360.

8. Calhoun PS, Kuszyk B, Heath DG, et al. Three-dimensional volume rendering of spiral CT data: theory and method. *Radiographics*. 1999; 19:745–64.
9. Coakley FV, Glenn OA, Qayyum A, et al. Fetal MRI: a developing technique for the developing patient. *AJR Am J Roentgenol*. 2004; 182: 243-252.
10. Cravero JP, Blike GT, Beach M, et al: Incidence and nature of adverse events during pediatric sedation/anesthesia for procedures outside the operating room: Report from the pediatric sedation research consortium. *Pediatrics* 2006; 118:1087–1096.
11. Cravero JP, Blike GT: Review of pediatric sedation. *Anesth Analg* 2004 99:1355–1364.
12. Dalrymple NC, Prasad SR, Freckleton MW, et al: Introduction to the language of three-dimensional imaging with multidetector CT. *Radiographics* 2005; 25:1409–1428.
13. Derom C, Derom R, Vlietinck R, Van den Berghe H (1991) Zygosity in a population-based registry of triplets. Presented at the Seventh Workshop on Multiple Pregnancy, Berlin [cited by Bryan, 1992]
14. Donaldson JS, Luck SR, Vogelzang R. Preoperative CT and MR imaging of ischiopagus twins. *J Comput Assist Tomogr* 1990; 14:643–646.
15. Egelhoff JC, Ball WS, Koch BL, et al: Safety and efficacy of sedation using a structured sedation program. *AJR Am J Roentgenology* 2007; 168:1259–1262.
16. Fishman EK, Ney DR, and Heath DG, et al. Volume rendering versus maximum intensity projection in CT angiography: what works best, when, and why? *Radiographics* 2006; 26:905–922.

17. Fricke BL, Donnelly LF, Frush DP, et al. In-plane bismuth breast shields for pediatric CT: Effects on radiation dose and image quality using experimental and clinical data. *AJR Am J Roentgenology* 2003; 180:407–411.
18. Frush DP, Bisset GS III, and Hall SC: Pediatric sedation in radiology: The practice of safe sleep. *AJR Am J Roentgenology* 1996; 167:1381–1387.
19. Frush DP, Donnelly LF: State of the art: Helical CT—technical considerations and body applications. *Radiology* 1998; 209:37–48.
20. Frush DP: Computed tomography and magnetic resonance imaging in the pediatric patient: Special considerations in: (CT and MR Imaging of the Whole Body). By Haaga JR, Lanzieri CF, Gilkeson RC (editors). 4th edition. St. Louis, MO: Mosby. 2003; 1974–1983.
21. Fuchs T, Kachelriebe M, Kalender WA. Technical advances in multi-slice spiral CT. *Eur J Radiol* 2000; 36:60–73.
22. Goldberg B. Obstetric US imaging: the past 40 years. *Radiology*. 2000; 215:622–629.
23. Guerra FA, Isla AI, Aguilar RC, Fritz EG. Use of freehand three-dimensional ultrasound software in study of the fetal heart. *Ultrasound Obstet Gynecol* 2000; 16:329–34.
24. Haaga JR: Commentary. Radiation dose management weighing risk versus benefit. *AJR Am J Roentgenology* 2001; 177: 289–291.
25. Hoeffel C, Mulé S, Romaniuk B, et al: Advances in radiological imaging of gastrointestinal tumors. *Critical Reviews in Oncology/Hematology* 2009; 69: 153–167.

26. Hu H. Multi-slice helical CT: scan and reconstruction. *Med Phys* 1999; 26:5–18.
27. Huda W, Scalzetti M, Levin G: Technique factors and image quality as functions of patient weight at abdominal CT. *Radiology* 2000; 217:430–435.
28. Huisman T, Arulrajah S , Meuli M , Brehmer U , Beinder E, Fetal MRI of conjoined twins who switched their relative positions.,*Pediatr Radiol* 2010; 40:353–357.
29. Janik JS, Hendrickson RJ, Janick JP, et al. Spectrum of anorectal anomalies in pygopagus twins. *J Pediatr Surg.* 2003; 38:608–612.
30. Jha P, Chawla SC, Tavri S, et al: Pediatric liver tumors — a pictorial review. *European Radiology* 2009; 19: 209–219.
31. Kaplan RF, Yang CI: Sedation and analgesia in pediatric patients for procedures outside of the operating room. *Anesthesiol Clin North Am* 2002; 20:181–194.
32. Kaufman MH. The embryology of conjoined twins. *Childs Nerv Syst.*2004; 20:508–525.
33. Khanna PC, Pungavkar SA, Patkar DP. Ultrafast magnetic resonance imaging of cephalothoracopagus janiceps disymmetros. *J Postgrad Med.*, 2005 Jul-Sep; 51(3):228-9.
34. Kingston CA, McHugh K, Kumaradevan J, et al. imaging in the preoperative assessment of conjoined twins. *Radiographics.* 2001; 21: 1187–1208.
35. Koontz WL, Herbert WN, Seeds JW, Cefaloo RC. Ultrasonography in the intrapartum diagnosis of conjoined twins: a report of two cases. *J Reprod Med* 1983; 28: 627–30.

36. Kossoff G. Basic physics and imaging characteristics of ultrasound. World J Surg 2000; 24: 134–42).
37. Kurjak A, Azumendi G, and Prats P. Assessment of multifetal pregnancies by 3D/4D sonography in (THE FETUS IN THREE DIMENSIONS Imaging, Embryology, and Fetoscopy).By Azumendi G, and Kurjak A (editors).1st edition .Informa UK Ltd. 2007; 24:457–482.
38. Kurjak A, Vecek N, Hafner T, et al. Prenatal diagnosis: What does four-dimensional ultrasound add? J Perinat Med 2002; 30: 57–62.
39. Lawler LP, Spevak P, and Fishman EK, Conjoined Twins: Multiorgan System Evaluation by Multidetector CT and 3D Volume Rendering,Journal of Computer Assisted Tomography 2001;25(6):870–872.
40. Lemos AA, Siegel MJ, Rossi G, et al: Single-versus multidetector CT: Comparison of sedation rates, conventional angiograms and motion artifacts in young children following liver transplantation. Radiol Med 2006; 111:911–920.
41. Mackenzie TC, Crombleholme TM, Johnson MP, et al: The natural history of prenatally diagnosed conjoined twins. J Pediatr Surg 2002; 37:303–309.
42. Macourt DC, Stewart P, Zaki M Multiple pregnancy and fetal abnormalities in association with oral contraceptive usage. Aust N Z J Obstet Gynaecol 1982; 22:25–28.
43. Maggio M, Callan NA, Hamod KA, et al. The firsttrimester ultrasonographic diagnosis of conjoined twins. Am J Obstet Gynecol 1985; 152: 833–5.

44. Maymon R, Halperin R, Weinraub Z, et al. Three dimensional transvaginal sonography of conjoined twins at 10 weeks: a case report. *Ultrasound Obstet Gynecol* 1998; 11: 292–4.
45. Maymon R, Mendelovic S, Schachter M, et al .Diagnosis of conjoined twins before 16 weeks' gestation: the 4-year experience of one medical center. *Prenat Diagn* 2005; 25:839–843.
46. McHugh K, Kiely E.M and Spitz L. Imaging of conjoined twins. *Pediatr Radiol* 2006; 36: 899–910.
47. Meijler GVW: Cranial Ultrasonography: Advantages and Aims in :(*Neonatal Cranial Ultrasonography; Guidelines for the Procedure and Atlas of Normal Ultrasound Anatomy*). 1st edition. Springer-Verlag Berlin Heidelberg; 2007.
48. Meijler GVW: Cranial Ultrasonography: Technical Aspects in :(*Neonatal Cranial Ultrasonography; Guidelines for the Procedure and Atlas of Normal Ultrasound Anatomy*). 1st edition .Springer-Verlag Berlin Heidelberg; 2007.
49. Meyers RL, Matlak ME. Biliary tract anomalies in thoraco-omphalopagus conjoined twins. *J Pediatr Surg*. 2002;37(12): 1716–1719
50. Musoles F.B, Machado LE, Osborne NG, et al. Two-dimensional and three-dimensional sonography of conjoined twins. *J Clin Ultrasound* 2002; 30: 68–75.
51. Oleszczuk J.J and Oleszczuk A.K: Conjoined Twins in: (*Multiple Pregnancy Epidemiology, Gestation & Perinatal outcome*) .By BLICKSTEIN I and KEITH L.G (editors).2nd edition .UK: Taylor & Francis. 2006; 233-245.

52. Olsen QE: Practical body MRI—A paediatric perspective. *European Journal of Radiology* (68) 299–308; 2008.
53. Pajkrt E and Jauniaux E .First-trimester diagnosis of conjoined twins. *Prenat Diagn* 2005; 25:820–826.
54. Patterson A, Frush DP, Donnelly L: Helical CT of the body: Are settings adjusted for pediatric patients. *AJR Am J Roentgenology* 2001; 176:297–301.
55. Prokop M. Multislice CT angiography. *Eur J Radiol* 2000; 36:86–96.
56. Raffensperger JA. Philosophical approach to conjoined twins. *Pediatric Surgery International* 1997; 12:249–55.
57. Ratner A N, Terrone D and Cosgrove F J., Thoracopagus Conjoined Twins. *JOURNAL OF DIAGNOSTIC MEDICAL SONOGRAPHY* January/February 2006; 22:53–55.
58. Respondek-Liberska M and Wloch A .Fetal echocardiography in: (MULTIPLE Pregnancy .Epidemiology, Gestation & Perinatal outcome).By BLICKSTEIN I and KEITH L.G (editors).2nd edition .Informa UK Ltd: 2006; 42; 233-245.
59. Sanders SP. Conjoined twins. In Allan L, Hornberger L, Sharland G, eds. *Textbook of Fetal Cardiology*. Greenwich: Medical Media Ltd, 2000:366–76.
60. Schindera ST, Nelson RC: Hepatobiliary Imaging by Multidetector Computed Tomography (MDCT) in: (MDCT a Practical Approach). By Saini S, Rubin GD, Kalra MK (editors). 1st edition. Springer-Verlag Italia. (2.2): 49; 2006.
61. Schneider G, Grazioli L, Saini S, et al: (MRI of the Liver: Imaging Techniques, Contrast Enhancement,Differential Diagnosis). By

- Schneider G, Grazioli L, Saini S (editors). 2nd Edition, Springer-Verlag Italia; 2006.
62. Sepulveda W, Munoz H, Alcalde JL. Conjoined twins in a triplet pregnancy: early prenatal diagnosis with three dimensional ultrasound and review of the literature. *Ultrasound Obstetric Gynecology* 2003; 22:199–204.
63. Shapiro LR, Zemek L, Shulman MJ. Genetic etiology for monozygotic twinning. *Birth Defects* 1978; 14:219–222.
64. Siegel MJ, Suess C, Schmidt B, et al: Radiation dose and image quality in pediatric CT: Effect of technical factors and phantom size and shape. *Radiology* 2004; 233: 515–522.
65. Siegel MJ: *Pediatric Body CT* by Siegel MJ (editor). 2nd Edition. Lippincott Williams & Wilkins; 2008.
66. Slovis TL: The ALARA concept in pediatric CT: Myth or reality? *Radiology* 2002; 223:5–6.
67. Spencer R .Theoretical and analytical embryology of conjoined twins: part I: embryogenesis. *Clin Anat*, 2000; 13:36–53.
68. Spencer R. *Conjoined Twins: Developmental Malformations and Clinical Implications*. Baltimore: Johns Hopkins University Press, 2003.
69. Spiegel DA, Ganley TJ, Akbarnia H, et al. Congenital vertebral anomalies in ischiopagus and pygopagus conjoined twins. *Clin Orthop*. 2000; 381:137–44.
70. Spielmann A L, Freed K S, and Spritzer C E,MRI of Conjoined Twins Illustrating Advances in Fetal Imaging ,*Journal of Computer Assisted Tomograph*,2001;25(1):88–90.

71. Spitz L. Conjoined twins. *Br J Surg* (83): 1028–1030; 1996.
72. Stone JL, Goodrich JT. The craniopagus malformation: classification and implications for surgical separation. *Brain*. 2006; 129:1084–1095.
73. Tongsong T, Chanprapaph P, Pongsatha S. First trimester diagnosis of conjoined twins: a report of three cases. *Ultrasound Obstet Gynecol* 1999; 14: 434–7.
74. Van Ouwerkerk WJ, van den BR, Allison CE, et al: Craniopagus: the Suriname-Amsterdam conjunction. *Childs Nerv Syst* .2004; 20:625–634.
75. Varga G, Azumendi G, and Kurjak A: 3D and 4D sonography: How to use it properly – technical advice in (THE FETUS IN THREE DIMENSIONS Imaging, Embryology, and Fetoscopy).By Azumendi G, and Kurjak A (editors).1st edition .Informa UK Ltd. 2007; 1-14.
76. Vec̃ek N, Solak M, Erceg-Ivkosic I. Four-dimensional sonography in multiple pregnancy. *Gynecol Perinatal* 2003; 12: 157.
77. Vock P: CT dose reduction in children. *European Radiology* 2005; 15:2330–2340.
78. Vural F, Vural B .First trimester diagnosis of dicephalic parapagus conjoined twins via transvaginal ultrasonography. *J Clin Ultrasound* 2005; 33:364–366.
79. Walsh DS, Hubbard AM, Olutoye OO, Howell LJ, Crombleholme TM, et al. Assessment of fetal lung volumes and liver herniation with magnetic resonance imaging in congenital diaphragmatic hernia. *Am J Obstet Gynecol* 2000; 183:1067–9.

80. Weinreb JC, Lowe TW, Santos-Ramos R, Cunningham FG, Parkey R. Magnetic resonance imaging in obstetric diagnosis. *Radiology* 1985; 154:157–61.
81. Weiss JL, Devine PC. False positive diagnosis of conjoined twins in the first trimester. *Ultrasound Obstet Gynecol* 2002; 20: 516–18.
82. Whitby E.H, Paley M.NJ and Griffiths P.D. Magnetic resonance imaging of the fetus, *The Obstetrician & Gynecologist* 2006;8:71–77.
83. Williamson RA, Weiner CP, Yuh WT, Abu-Yousef MM. Magnetic resonance imaging of anomalous fetuses. *Obstetric Gynecology* 1989; 73:952–6.
84. Winkler N, Kennedy A, Byrne J, and Woodward P, *The Imaging Spectrum of Conjoined Twins*; *Ultrasound Quarterly* 2008; 24:249–255.
85. Woźniak MM: Contrast media: Posology, risks and side effects in: (*Paediatric Imaging Manual*). By Tröger J, Seidensticker P (editors). 1st edition. Springer Medizin Verlag Heidelberg. 2008; 2: 5.