

## CURRICULUM VITAE

### DIANE MARY TWICKLER, M.D.

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**WORK ADDRESS:** Department of Radiology  
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**DATE OF BIRTH** February 10, 1954

**PLACE OF BIRTH:** Chicago, Illinois

**MARITAL STATUS:** Married, one child

#### EDUCATION:

1989 - 1990 Fellowship: Body Imaging Ultrasound, University of Texas Southwestern Medical School, Dallas, Texas

1985 - 1989 Residency: Diagnostic Radiology, University of Texas Southwestern Medical School, Dallas, Texas

1984 - 1985 Internship: Internal Medicine, University of Texas Southwestern Medical School, Dallas, Texas

1984 M.D., Medical School: University of Texas Southwestern Medical School, Dallas, Texas

1977 B.S. Undergraduate: University of Illinois Medical Center, Chicago, Illinois

#### ACADEMIC APPOINTMENT:

2000 - Present Professor, Departments of Radiology and Obstetrics and Gynecology, University of Texas Southwestern Medical Center, Dallas, TX

1995 - 2000 Associate Professor, Departments of Radiology and Obstetrics and Gynecology, University of Texas Southwestern Medical Center, Dallas, TX

1990 - 1995 Assistant Professor, Departments of Radiology and Obstetrics and Gynecology, University of Texas Southwestern Medical Center, Dallas, TX

## **HOSPITAL AFFILIATIONS:**

1991 - Present	Zale Lipshy University Hospital, Dallas, Texas
1985 - Present	Parkland Memorial Hospital, Dallas, TX
1985 - 1989	Veterans Administration Hospital, Dallas, Texas
1985 -Present	Children's Medical Center, Dallas, Texas

## **CERTIFICATION:**

1989	American Board of Radiology
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## **LICENSURE:**

1984	Texas #G8471
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## **AWARDS:**

2004	Fellow of the American College of Radiology
2000	Holder of Dr. Fred Bonte Professorship in Radiology
1996	Distinguished Teaching Award Diagnostic Radiology Residents
1992	Editor's Recognition Award, <i>Radiology</i>
1991	Distinguished Teaching Award Obstetrics and Gynecology Residents

## **PROFESSIONAL ACTIVITIES:**

2002 - Present	Special Reviewer for <u>American Journal of Obstetrics &amp; Gynecology</u>
1998 - Present	Special Reviewer for <u>Journal of Maternal-Fetal Investigation</u>
1998 - Present	Special Reviewer for <u>Lancet</u>
1997 - Present	UT Southwestern Faculty Senate Tribunal Panel
1997 - Present	Reviewer for <u>American Journal of Roentgenology</u>
1994 - Present	Special Reviewer for <u>Hepatology</u>
1993 - Present	Special Reviewer for <u>Obstetrics and Gynecology</u>
1991 - Present	Reviewer for <u>Radiology</u>
1994 -1998	Reviewer for <u>American Journal of Perinatology</u>

## **DISSERTATION COMMITTEE**

2005	Promoter of Gerda Zeeman, MD, for PhD. University of Groningen, The Netherlands
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## **COMMITTEES:**

2008- Present	ACR practice guidelines- of Fetal Magnetic Resonance Imaging
2001 - Present	Promotion and Tenure, UT Southwestern

1990 - Present Resident Selection Committee, Department of Radiology  
Chairman, 1996 - present  
1993 - Present Diagnostic Radiology Residency Review Committee  
Chairman, 1994 - 2007  
1997 – 2005 National Council on Radiation Protection and  
Measurements Scientific Committee #91

#### **ADMINISTRATIVE RESPONSIBILITIES:**

2010- Present Vice Chairman of the Department of Radiology  
2006- Present Director, Radiology Residency Program  
1996 - Present Director, Women's Imaging Fellowship  
1999 - Present Director of Obstetric and Gynecologic Ultrasound  
1999 - Present Acting Director, Women's Imaging Division  
1998 - 2006 Associate Director, Radiology Residency Program  
1994 - 1999 Associate Director of Obstetrics and Gynecologic Ultrasound  
1999 - 2000 Interim Director Parkland Memorial Hospital Mammography

#### **PROFESSIONAL SOCIETIES:**

American Association for Women Radiologists  
American College of Radiology  
American Institute of Ultrasound in Medicine  
American Medical Association  
American Roentgen Ray Society  
Dallas County Medical Society  
Dallas-Fort Worth Radiological Society  
Texas Medical Association  
Texas Radiological Society, Planning Committee  
Chancellor's Council of the University of Texas System  
Association of University Radiologists  
Radiologic Society of North America

#### **GRANT SUPPORT:**

1997 - 1999 Maternal-Fetal Network of the National Institute of Health  
*Ancillary Study to the Beneficial Effects of Antenatal  
Magnesium:*  
**Effects of the Magnesium Ion on Fetal Cerebral Vascular Flow**  
Amount: 52,000  
  
2004 - Present Principal Investigator-  
*M.R. & Evelyn Hudson Foundation Grant for  
Promotion of Radiology Residency Academics and Mentoring.*  
Amount: 225,000

## BIBLIOGRAPHY

### INVESTIGATIVE REPORTS (Peer Review Journals)

1. Schultz SM, Twickler DM, Wheeler DE, Hogan TD. Ameloblastoma associated with basal cell nevus (Gorlin) syndrome: CT findings. *J Comput Assist Tomogr.* Sep-Oct 1987;11(5):901-904.
2. Twickler DM, Setiawan AT, Harrell RS, Brown CE. CT appearance of the pelvis after cesarean section. *AJR Am J Roentgenol.* Mar 1991;156(3):523-526.
3. Twickler D, Little BB, Satin AJ, Brown CE. Renal pelvicalyceal dilation in antepartum pyelonephritis: ultrasonographic findings. *Am J Obstet Gynecol.* Oct 1991;165(4 Pt 1):1115-1119.
4. Satin AJ, Twickler DM, Wendel GD, Jr. Congenital syphilis associated with dilation of fetal small bowel. A case report. *J Ultrasound Med.* Jan 1992;11(1):49-52.
5. Satin AJ, Twickler D, Gilstrap LC, 3rd. Esophageal achalasia in late pregnancy. *Obstet Gynecol.* May 1992;79(5) Pt 2:812-814.
6. Twickler DM, Schwarz BE. Imaging of the levonorgestrel implantable contraceptive device. *Am J Obstet Gynecol.* Aug 1992;167(2):572-573.
7. Harstad TW, Twickler DM, Leveno KJ, Brown CE. Antepartum prediction of pulmonary hypoplasia: an elusive goal? *Am J Perinatol.* Jan 1993;10(1):8-11.
8. Nathan L, Twickler DM, Peters MT, Sanchez PJ, Wendel GD, Jr. Fetal syphilis: correlation of sonographic findings and rabbit infectivity testing of amniotic fluid. *J Ultrasound Med.* Feb 1993;12(2):97-101.
9. Twickler D, Budorick N, Pretorius D, Grafe M, Currarino G. Caudal regression versus sirenomelia: sonographic clues. *J Ultrasound Med.* Jun 1993;12(6):323-330.
10. Twickler DM, Perlman J, Maberry MC. Congenital cytomegalovirus infection presenting as cerebral ventriculomegaly on antenatal sonography. *Am J Perinatol.* Sep 1993;10(5):404-406.
11. Woo GM, Twickler DM, Stettler RW, Erdman WA, Brown CE. The pelvis after cesarean section and vaginal delivery: normal MR findings. *AJR Am J Roentgenol.* Dec 1993;161(6):1249-1252.
12. Ramus RM, Girson M, Twickler DM, Wendel GD. Acute obstructive hydrocephalus due to cysticercosis during pregnancy. *Infect Dis Obstet Gynecol.* 1994;1(4):198-201.
13. Twickler DM, Lucas MJ, Bowe L, McIntire DD, Barron J, Cunningham FG. Ultrasonographic evaluation of central and end-organ hemodynamics in antepartum pyelonephritis. *Am J Obstet Gynecol.* Mar 1994;170(3):814-818.
14. Harstad TW, Buschang PH, Little BB, Santos-Ramos R, Twickler D, Brown CE. Ultrasound anthropometric reliability. *J Clin Ultrasound.* Nov-Dec 1994;22(9):531-534.
15. Markos F, Ramin KD, Twickler DM, Barron J, Ramin SM. Ultrasonographic diagnosis of uterine rent at 33 weeks' gestation with history of curettage. *Am J Obstet Gynecol.* Jan 1995;172(1 Pt 1):224-226.

16. Richey SD, Ramin KD, Roberts SW, Ramin SM, Cox SM, Twickler DM. The correlation between transperineal sonography and digital examination in the evaluation of the third-trimester cervix. *Obstet Gynecol.* May 1995;85(5 Pt 1):745-748.
17. Dizon-Townson D, Magee KP, Twickler DM, Cox SM. Coarctation of the abdominal aorta in pregnancy: diagnosis by magnetic resonance imaging. *Obstet Gynecol.* May 1995;85(5 Pt 2):817-819.
18. Nathan L, Satin AJ, Twickler DM. Cerebellar hemangioblastoma complicating pregnancy. A case report. *J Reprod Med.* Sep 1995;40(9):662-664.
19. Perlman JM, Burns DK, Twickler DM, Weinberg AG. Fetal hypokinesia syndrome in the mono chorionic pair of a triplet pregnancy secondary to severe disruptive cerebral injury. *Pediatrics.* Sep 1995;96(3 Pt 1):521-523.
20. Fernandez CO, McFarland RD, Timmons C, Ramus R, Twickler DM. MURCS association: ultrasonographic findings and pathologic correlation. *J Ultrasound Med.* Dec 1996;15(12):867-870.
21. Nathan L, Bohman VR, Sanchez PJ, Leos NK, Twickler DM, Wendel GD, Jr. In utero infection with *Treponema pallidum* in early pregnancy. *Prenat Diagn.* Feb 1997;17(2):119-123.
22. Morriss MC, Twickler DM, Hatab MR, Clarke GD, Peshock RM, Cunningham FG. Cerebral blood flow and cranial magnetic resonance imaging in eclampsia and severe preeclampsia. *Obstet Gynecol.* Apr 1997;89(4):561-568.
23. Bloom SL, Bloom DD, DellaNebbia C, Martin LB, Lucas MJ, Twickler DM. The developmental outcome of children with antenatal mild isolated ventriculomegaly. *Obstet Gynecol.* Jul 1997;90(1):93-97.
24. Twickler DM, Setiawan AT, Evans RS, et al. Imaging of puerperal septic thrombophlebitis: prospective comparison of MR imaging, CT, and sonography. *AJR Am J Roentgenol.* Oct 1997;169(4):1039-1043.
25. Currarino G, Sheffield E, Twickler D. Congenital glenoid dysplasia. *Pediatr Radiol.* Jan 1998;28(1):30-37.
26. Sheffield JS, Twickler DM, Timmons C, Land K, Harrod MJ, Ramus RM. Fryns syndrome: prenatal diagnosis and pathologic correlation. *J Ultrasound Med.* Sep 1998;17(9):585-589.
27. Ramus RM, Martin LB, Twickler DM. Ultrasonographic prediction of fetal outcome in suspected skeletal dysplasias with use of the femur length-to-abdominal circumference ratio. *Am J Obstet Gynecol.* Nov 1998;179(5):1348-1352.
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29. Yost NP, Bloom SL, Twickler DM, Leveno KJ. Pitfalls in ultrasonic cervical length measurement for predicting preterm birth. *Obstet Gynecol.* Apr 1999;93(4):510-516.
30. Brown CE, Stettler RW, Twickler D, Cunningham FG. Puerperal septic pelvic thrombophlebitis: incidence and response to heparin therapy. *Am J Obstet Gynecol.* Jul 1999;181(1):143-148.

31. Twickler DM, Forte TB, Santos-Ramos R, McIntire D, Harris P, Scott D. The Ovarian Tumor Index predicts risk for malignancy. *Cancer*. Dec 1 1999;86(11):2280-2290.
32. Evans FFG, Ramus RM, Caire JT, Hatab MR, Twickler DM. Comparison of MR and sonographic Findings in the Abnormal Fetus. *J of Women's Imaging*, 2(4):161-7, 2000.
33. Cunningham FG, Twickler D. Cerebral edema complicating eclampsia. *Am J Obstet Gynecol*. Jan 2000;182(1 Pt 1):94-100.
34. Casey BM, McIntire DD, Bloom SL, et al. Pregnancy outcomes after antepartum diagnosis of oligohydramnios at or beyond 34 weeks' gestation. *Am J Obstet Gynecol*. Apr 2000;182(4):909-912.
35. Scott LL, Casey BM, Roberts S, McIntire D, Twickler DM. Predictive value of serial middle cerebral and renal artery pulsatility indices in fetuses with oligohydramnios. *J Matern Fetal Med*. Mar-Apr 2000;9:105-109.
36. Twickler DM, Lucas MJ, Balis AB, et al. Color flow mapping for myometrial invasion in women with a prior cesarean delivery. *J Matern Fetal Med*. Nov-Dec 2000;9(6):330-335.
37. Hollier LM, Harstad TW, Sanchez PJ, Twickler DM, Wendel GD, Jr. Fetal syphilis: clinical and laboratory characteristics. *Obstet Gynecol*. Jun 2001;97(6):947-953.
38. Dashe JS, Fernandez CO, Twickler DM. Utility of Doppler velocimetry in predicting outcome in twin reversed-arterial perfusion sequence. *Am J Obstet Gynecol*. Jul 2001;185(1):135-139.
39. Zeeman GG, Twickler DM, Cunningham FG. Postpartum blindness. *Lancet*. Mar 9 2002;359(9309):890-891.
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42. Dashe JS, McIntire DD, Ramus RM, Santos-Ramos R, Twickler DM. Hydramnios: anomaly prevalence and sonographic detection. *Obstet Gynecol*. Jul 2002;100(1):134-139.
43. Twickler DM, Reichel T, McIntire DD, Magee KP, Ramus RM. Fetal central nervous system ventricle and cisterna magna measurements by magnetic resonance imaging. *Am J Obstet Gynecol*. Oct 2002;187(4):927-931.
44. Twickler DM, Magee KP, Caire J, Zaretsky M, Fleckenstein JL, Ramus RM. Second-opinion magnetic resonance imaging for suspected fetal central nervous system abnormalities. *Am J Obstet Gynecol*. Feb 2003;188(2):492-496.
45. Reichel TF, Ramus RM, Caire JT, Hynan LS, Magee KP, Twickler DM. Fetal central nervous system biometry on MR imaging. *AJR Am J Roentgenol*. Apr 2003;180(4):1155-1158.
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49. Zaretsky MV, McIntire DD, Twickler DM. Feasibility of the fetal anatomic and maternal pelvic survey by magnetic resonance imaging at term. *Am J Obstet Gynecol*. Oct 2003;189(4):997-1001.
50. Zeeman GG, Hatab M, Twickler DM. Maternal cerebral blood flow changes in pregnancy. *Am J Obstet Gynecol*. Oct 2003;189(4):968-972.
51. Zaretsky MV, Reichel TF, McIntire DD, Twickler DM. Comparison of magnetic resonance imaging to ultrasound in the estimation of birth weight at term. *Am J Obstet Gynecol*. Oct 2003;189(4):1017-1020.
52. Zeeman GG, McIntire DD, Twickler DM. Maternal and fetal artery Doppler findings in women with chronic hypertension who subsequently develop superimposed pre-eclampsia. *J Matern Fetal Neonatal Med*. Nov 2003;14(5):318-323.
53. Caire JT, Ramus RM, Magee KP, Fullington BK, Ewalt DH, Twickler DM. MRI of fetal genitourinary anomalies. *AJR Am J Roentgenol*. Nov 2003;181(5):1381-1385.
54. Zaretsky MV, Twickler DM. Magnetic resonance imaging in obstetrics. *Clin Obstet Gynecol*. Dec 2003;46(4):868-877.
55. Zeeman GG, Fleckenstein JL, Twickler DM, Cunningham FG. Cerebral infarction in eclampsia. *Am J Obstet Gynecol*. Mar 2004;190(3):714-720.
56. Hassibi S, Farhataziz N, Zaretsky M, McIntire D, Twickler DM. Optimization of fetal weight estimates using MRI: comparison of acquisitions. *AJR Am J Roentgenol*. Aug 2004;183(2):487-492.
57. Zeeman GG, Hatab MR, Twickler DM. Increased cerebral blood flow in preeclampsia with magnetic resonance imaging. *Am J Obstet Gynecol*. Oct 2004;191(4):1425-1429.
58. Zaretsky MV, McIntire DD, Reichel TF, Twickler DM. Correlation of measured amniotic fluid volume to sonographic and magnetic resonance predictions. *Am J Obstet Gynecol*. Dec 2004;191(6):2148-2153.
59. Hatab MR, Zeeman GG, Twickler DM. The effect of magnesium sulfate on large cerebral artery blood flow in preeclampsia. *J Matern Fetal Neonatal Med*. Mar 2005;17(3):187-192.
60. Farhataziz N, Engels JE, Ramus RM, Zaretsky M, Twickler DM. Fetal MRI of urine and meconium by gestational age for the diagnosis of genitourinary and gastrointestinal abnormalities. *AJR Am J Roentgenol*. Jun 2005;184(6):1891-1897.
61. Zaretsky M, Ramus R, McIntire D, Magee K, Twickler DM. MRI calculation of lung volumes to predict outcome in fetuses with genitourinary abnormalities. *AJR Am J Roentgenol*. Nov 2005;185(5):1328-1334.

62. Zaretsky MV, Alexander JM, McIntire DD, Hatab MR, Twickler DM, Leveno KJ. Magnetic resonance imaging pelvimetry and the prediction of labor dystocia. *Obstet Gynecol.* Nov 2005;106(5 Pt 1):919-926.
63. Boreham MK, Zaretsky MV, Corton MM, Alexander JM, McIntire DD, Twickler DM. Appearance of the levator ani muscle in pregnancy as assessed by 3-D MRI. *Am J Obstet Gynecol.* Dec 2005;193(6):2159-2164.
64. Hu LS, Caire J, Twickler DM. MR findings of complicated multifetal gestations. *Pediatr Radiol.* Jan 2006;36(1):76-81.
65. Dashe JS, Twickler DM, Santos-Ramos R, McIntire DD, Ramus RM. Alpha-fetoprotein detection of neural tube defects and the impact of standard ultrasound. *Am J Obstet Gynecol.* Dec 2006;195(6):1623-1628.
66. Worley KC, Dashe JS, Olivier Q, et al. Magnetic resonance imaging as a predictor of outcome in fetuses with isolated congenital diaphragmatic hernia. *Am J Obstet Gynecol.* Dec 2006 195 (6): S78
67. Dashe JS, Ramus RM, Santos-Ramos R, McIntire DD, Twickler DM. Middle cerebral artery peak systolic velocity in monochorionic and dichorionic twin pregnancies. *J Ultrasound Med.* Feb 2007;26(2):195-200.
68. Pates JA, Zaretsky MV, Alexander JM, Babcock EE, McIntire DD, Twickler DM. Determining cervical ripeness and labor outcome: the efficacy of magnetic resonance T2 relaxation times. *Obstet Gynecol.* Feb 2007;109(2 Pt 1):326-330.
69. Pates JA, Yost NP, Oliver Q, McIntire DD, Twickler DM. Magnetic resonance signal characteristics of the cervix as pregnancy advances. *Reprod Sci.* Jul 2007;14(5):440-444.
70. Santiago-Munoz PC, McIntire DD, Barber RG, Megison SM, Twickler DM, Dashe JS. Outcomes of pregnancies with fetal gastroschisis. *Obstet Gynecol.* Sep 2007;110(3):663-668.
71. Hatab MR, Kamourieh SW, Twickler DM. MR volume of the fetal cerebellum in relation to growth. *J Magn Reson Imaging.* Apr 2008;27(4):840-845.
72. Hawkins JS, Dashe JS, Twickler DM. Magnetic resonance imaging diagnosis of severe fetal renal anomalies. *Am J Obstet Gynecol.* Mar 2008;198(3):328 e321-325.
73. Hatab MR, Zaretsky MV, Alexander JM, Twickler DM. Comparison of fetal biometric values with sonographic and 3D reconstruction MRI in term gestations. *AJR Am J Roentgenol.* Aug 2008;191(2):340-345.
74. Moschos E, Sreenarasimhaiah S, Twickler DM. First-trimester diagnosis of cesarean scar ectopic pregnancy. *Journal of Clinical Ultrasound.* October 2008 36; 504-1.
75. Moschos E, Twickler DM. Endometrial thickness predicts intrauterine pregnancy in patients with pregnancy of unknown location. *Ultrasound Obstet Gynecol.* Dec 2008 32 (7): 929-934.
76. Worley K, Dashe J, Twickler DM. Fetal magnetic resonance imaging in isolated diaphragmatic hernia: volume of herniated liver and neonatal outcome. *Am J Obstet Gynecol* March 2009 200:318e1-318e6.
77. Moschos E, Ashfaq R, Twickler DM. Saline-Infusion sonography endometrial sampling compared with endometrial biopsy in diagnosing endometrial pathology. *Obstet & Gynec.* April 2009 113:4;881-887.

78. Dashe J, McIntire D, Twickler DM. Effect of maternal obesity on the ultrasound detection of anomalous fetuses. *Obstr & Gynec* May 2009 113:5;1001-1007.
79. Dashe J, McIntire D, Twickler DM. Maternal obesity limits the ultrasound evaluation of fetal anatomy. *J Ultrasound Med* Aug 2009 28; 1025-1030.
80. Pates JA, Avendiano TC, Zaretsky MV, McIntire DD, Twickler, DM. The Appendix in Pregnancy: Confirming Historical Observations With a Contemporary Modality. *Obstr & Gynec*, Oct 2009 114; 805-8.
81. Twickler DM, McIntire DD, Alexander JM , Leveno KJ. Effects Of Magnesium Sulfate on Preterm Fetal Cerebral Blood Flow by Doppler Analysis. *Obstr & Gynec*, Jan 2010 115(1):21-25.
82. Twickler DM, Moschos E. Ultrasound and Assessment of Oarian Cancer Risk *American Journal of Roentgenology* Feb 2010 194 (2): 322-329
83. Pates JA, Hatab MR, McIntire DD, Cunningham FG, Twickler DM; Determining Uterine Blood Flow in Pregnancy with Magnetic Resonance Imaging. *Magnetic Resonance Imaging* May 2010 28 (4); 507-510.
84. Harreld J, Bhore R, Chason D, Twickler D. Corpus Callosum Length by Gestational Age as Evaluated by Fetal MR Imaging. *American Journal of Neuroradiology*. Mar 2011 2011;32(3):490-4.
85. Moschos E, Twickler DM. Intrauterine devices in early pregnancy: findings on ultrasound and clinical outcomes. *Am J Obstet Gynecol*. May 2011 2011;204:427.e1-6.
86. Moschos E, Twickler DM. Does the Type of Intrauterine Device Affect Conspicuity on 2D and 3D Ultrasound? *AJR Am J Roentgenol*. Jun 2011;196(6):1439-43.

## INVITED ARTICLES

1. Lowe TW, Peters MT, Twickler D, Cunningham FG. Obstetrical sonography update, 1990. Cunningham, MacDonald, Gant (eds). *Williams Obstetrics*, 18th ed., Supplement 6. Appleton & Lange, June/July 1990.
2. Twickler DM, Clarke G, Cunningham FG. Diagnostic imaging in pregnancy. Cunningham, MacDonald, Gant (eds). *Williams Obstetrics*, 18th ed., Supplement 18. Appleton & Lange, June/July 1992.
3. Nurenberg P and Twickler DM. Magnetic Resonance Imaging in Obstetrics and Gynecology, Cunningham, McDonald, Gant (eds). *Williams Obstetrics*, 19th ed. Supplement 11. Appleton & Lange, February/March, 1995.
4. Twickler DM. Obstetrical ultrasonography. Cunningham, MacDonald, Gant et al. (eds). *Williams Obstetrics*, 19<sup>th</sup> ed., Supplement 18 (Part one). Appleton & Lange, April/May, 1996.
5. Twickler DM. Obstetrical ultrasonography. Cunningham, MacDonald, Gant et al. (eds). *Williams Obstetrics*, 19<sup>th</sup> ed., Supplement 18 (Part two). Appleton & Lange, June/July, 1996.
6. Zaretsky MV, Twickler DM. Magnetic resonance imaging in obstetrics. *Clinical Obstet & Gynecol*. Vol. 46, No. 4, 868-77, December, 2003.
7. Pates J, Twickler DM, The use of radiographic modalities to diagnose infection in pregnancy. *Clinics in Perinatology*, 2005.

## **BOOK CHAPTERS**

1. Twickler DM, Gilstrap LC, Little BB. Use of diagnostic agents during pregnancy. In Gilstrap III LC, Little BB, (Eds) *Drugs and Pregnancy*,. Elsevier Science Publishing Co., Inc, New York NY, pp 327-334, 1992.
2. Twickler DM, Gilstrap III LC, Little BB. Use of diagnostic agents during pregnancy. In Gilstrap III LC, Little BB, (Eds) *Drugs and Pregnancy* 2<sup>nd</sup> Ed. Chapman and Hall, New York, NY, pp 347-354, 1997.
3. Twickler DM, Cunningham FG, Central nervous system findings in pre-eclampsia and eclampsia. In Lyall,F, Belfort, M (eds) *Pre-eclampsia*, Cambridge University Press, New York NY, pp 424-436, 2007.
4. Twickler, DM, Chapter 2 Techniques Used for Imaging in Gynecology; Coordinator of Radiologic Images, *Williams Gynecology*, 2008
5. Twickler DM, Chapter 16 Fetal Imaging, *Williams Obstetrics* 23<sup>rd</sup> Edition, 2010
6. Twickler DM, Chapter 41 General considerations and maternal evaluation, *Williams Obstetrics* 23<sup>rd</sup> Edition, 2010.
7. Twickler DM, Chapter: 43 Fetal MRI. *Sonography in Obstetrics & Gynecology: Principles and Practice*, 7<sup>th</sup> edition, In Press.

## **ABSTRACTS**

1. Twickler DM, Setiawan AT, Harrell RS, Brown CEL. Computed tomographic appearance of the post cesarean section pelvis. Radiological Society of North America, Chicago, Illinois, November 1989.
2. Twickler DM, Little BB, Satin AJ, Brown CEL. Renal pelvicalyceal dilation in antepartum pyelonephritis: Ultrasound findings. Society of Perinatal Obstetricians, San Francisco, California, January 1991.
3. Nathan L, Twickler DM, Peters M, Sanchez P, Wendel GD. Fetal syphilis: Correlation of sonographic findings and rabbit infectivity testing. Society of Perinatal Obstetricians, Orlando, Florida, February 1992.
4. Twickler DM, Budorick N, Pretorius D, Grafe M, Currarino G. Caudal regression vs. sirenomelia: Sonographic clues. American Institute of Ultrasound in Medicine, San Diego, California, March 1992.
5. Satin AJ, Twickler D, DePalma RT. The supine pressor response and fetal middle cerebral artery flow velocity waveforms in hypertensive gravidas. American Institute of Ultrasound in Medicine, San Diego, California, March, 1992.
6. Twickler DM, Satin AJ, Little BB, Olscher DA, Soo AC, Wendel GD. Antepartum substance abuse: Use of duplex Doppler in a prospective series. American Roentgen Ray Society, Orlando, Florida, May 1992.
7. Twickler DM, Lucas MJ, Bowe L, McIntire D, Barron J, Cunningham FG. Ultrasound evaluation of central and end organ hemodynamics in antepartum pyelonephritis. Society of Perinatal Obstetricians, San Francisco, California, February 1993.
8. Scott L, Twickler DM, McIntire D, Allen L, Bowe L, DePalma R. Changes in amniotic fluid index and Doppler velocimetry in fetuses with oligohydramnios.

- American Institute of Ultrasound in Medicine, Honolulu, Hawaii, March 1993.
9. Twickler DM, Setiawan T, Evans R, Erdman W, Stettler R, Brown, C. Imaging of puerperal septic thrombophlebitis: Comparison of magnetic resonance, computerized tomography, and sonography. Society of Perinatal Obstetricians, Las Vegas, Nevada, January 1994.
  10. Richey S, Ramin K, Cox S, Ramin S, Twickler DM. The use of transperineal sonography to evaluate the cervix. Society of Perinatal Obstetricians, Las Vegas, Nevada, January 1994.
  11. Fernandez CO, Twickler DM, Martin LB. Antenatal ultrasound and its sensitivity in detecting congenital heart defects. Society of Perinatal Obstetricians, Atlanta, Georgia, January 1995.
  12. Fernandez CO, Nurenberg P, Santos-Ramos R, Farrish T, Twickler DM. A prospective comparison of ultrasound versus magnetic resonance imaging for evaluating ovarian masses in pregnancy. Society of Perinatal Obstetricians, Atlanta, Georgia, January 1995.
  13. Twickler D, Santos-Ramos R, Martin L, Malone S, Lucas M. Ultrasound (US) with color flow mapping (CFM) of the placenta in patients at risk for myometrial invasion. Society of Perinatal Obstetricians, Atlanta, Georgia, January 1995.
  14. Twickler DM, Santos-Ramos R, Martin L, Malone S, Lucas M. Ultrasound (US) with color flow mapping (CFM) of the placenta in patients at risk for myometrial invasion. American Institute of Ultrasound in Medicine, March 1995.
  15. Ramus R, Martin L, Dowd T, Lucas M, Santos-Ramos R, Twickler D. Elevated maternal serum alpha-fetoprotein and placental sonolucencies. Society of Perinatal Obstetricians, Honolulu, Hawaii, February 1996.
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