

**Curriculum Vitae**  
**DWIGHT JONATHAN ROUSE, MD, MSPH**

<p><b>Current academic appointment:</b> Professor of Obstetrics and Gynecology Warren Alpert Medical School Professor of Epidemiology School of Public Health Brown University Providence, RI</p>	<p><b>Current clinical position:</b> Maternal-Fetal Medicine Specialist Women &amp; Infants Hospital of Rhode Island 101 Dudley Street Providence, RI 02905 Tel: (401) 274-1122, ext. 47452 Fax: (401) 453-7622 Email: drouse@wihri.org</p>
---	---

**Previous position:**

Professor of Obstetrics and Gynecology  
University of Alabama at Birmingham School of Medicine

**EDUCATION**

<b>Institution</b>	<b>Degree</b>	<b>Year</b>
Harvard College Cambridge, Massachusetts	A.B. in Biology (cum laude)	1980-1984
University of Illinois Chicago, Illinois	M.D.	1984-1988
University of Alabama School of Public Health Birmingham, Alabama	M.S.P.H. in Epidemiology	2000-2003

**POSTGRADUATE TRAINING**

<b>Institution</b>	<b>Degree</b>	<b>Year</b>
University of Iowa, Department of Ob-Gyn Iowa City, Iowa	Internship and Residency	1988-1992
University of Alabama at Birmingham Department of Ob-Gyn, Birmingham, Alabama	Maternal-Fetal Medicine Fellowship	1992-1994

**POSTGRADUATE HONORS AND AWARDS**

<b>Medical School</b>	<b>Faculty</b>
AOA, 1987 Honors Graduate	Argus Award for Outstanding Third Year Medical Student Teaching, 1998 APGO Excellence in Teaching Award, 1998 CREOG National Faculty Award for Excellence In Resident Education, 1999 Obstetrics and Gynecology, Department Research Initiative, Manuscript Award, 2000 Best Research Presentation, Annual Meeting of the Society of Maternal Fetal Medicine, 2008 Residents' Excellence in Teaching Award, 2011-2018 Chief Residents' Award, 2012-2018 Students' Excellence in Teaching Award, 2012, 2013, 2015-2017

## PROFESSIONAL LICENSES AND BOARD CERTIFICATION

State	Federal	Board
Rhode Island: MD13078 (issued 8/7/2009) Rhode Island Controlled Substance: CMD13078	Controlled Substance DEA: BR1438452	Obstetrics and Gynecology: 11/1995 Maternal-Fetal Medicine: 4/1997

## ACADEMIC APPOINTMENTS

Institution	Rank/Title	Year
Brown University Warren Alpert School of Medicine Department of Obstetrics and Gynecology	Professor	2009-present
Brown University School of Public Health	Professor of Epidemiology	2015-present
University of Alabama at Birmingham School of Medicine Department of Obstetrics and Gynecology	Professor with Tenure	2003-2009
	Associate Professor with Tenure	1999-2003
	Assistant Professor	1994-1999
Center for Women's Reproductive Health	Director	2006-2009
School of Public Health Department of Epidemiology	Professor	2003-2009

## HOSPITAL APPOINTMENTS

University of Alabama at Birmingham Hospital Pharmacy and Therapeutics Committee	1995-2006
--	-----------

## OTHER APPOINTMENTS

Medical Director, University of Alabama at Birmingham, Obstetric Complications Clinic	1997-2009
---	-----------

## ADVISOR/REVIEWER

Technical Expert Advisory Group; AHCPR Preterm Labor Evidence Report	1998-1999
Technical Expert Advisory Group; AHCPR Post-Term Pregnancy Evidence Report	2000-2001
Consultant, ACOG Task Force on Neonatal Encephalopathy and Cerebral Palsy	2003
ACOG Representative, AHRQ Episiotomy Evidence Report	2003-2004
Ad hoc reviewer, NIH HED-1 Study Section	2004
Ad hoc reviewer, NIH P-N Study Section	2005
NIH Special Emphasis Review Panel	2005
Technical Expert Advisory Group; AHRQ Labor Induction Report	2007-2008
NIH EAGer Trial Data Monitoring Committee	2007-2011
Site Visitor/Reviewer, NICHD, Program in Perinatal Research in Obstetrics, Bethesda, MD	2010
Society of Obstetricians and Gynaecologists of Canada Guidelines Consensus Group: Magnesium Sulphate for Fetal Neuroprotection	2010
Channel 7 Children's Research Foundation, Australia	2011
ACOG Committee on Practice Bulletins: Obstetrics	2011-2013

Member, NICHD Planning Committee for Gestational Diabetes Consensus Development Conference, Bethesda, MD	2011
NIH C-SOAP Trial Data Monitoring Committee	2012-2015
Reviewer ACOG Task Report: Neonatal Brachial Plexus Palsy	2013
Chairman, Data Monitoring and Safety Board:	2014 -2017
NIH Optimizing Management of the Second Stage of Labor Multicenter Trial	
Medical Monitor, NIH MOMPOD Trial	2017-

### **EDITORIAL BOARD MEMBERSHIPS**

<i>Obstetrics and Gynecology</i>	2002-2007
Evidence-Based Obstetrics & Gynecology	2003-2005

### **EDITOR**

Editor-in-Chief for Obstetrics, <i>Obstetrical and Gynecological Survey</i>	2006-2011
The Associate Editor for Obstetrics, <i>Obstetrics and Gynecology</i>	2013-

### **PEER REVIEWER**

1. American Journal of Obstetrics and Gynecology
2. Obstetrics and Gynecology
3. New England Journal of Medicine
4. Journal of American Medical Association
5. JAMA Pediatrics
6. British Journal of Obstetrics and Gynecology
7. Lancet
8. British Medical Journal
9. PLoS Medicine
10. Pediatrics
11. Journal of Maternal-Fetal Medicine
12. Journal of the Society of Gynecologic Investigation
13. Journal of Acquired Immune Deficiency Syndromes and Human Retrovirology
14. Annals of Epidemiology
15. Medical Decision Making
16. Journal of Reproductive Immunology
17. European Journal of Obstetrics & Gynecology and Reproductive Biology
18. International Journal of Obstetrics & Gynecology
19. American Journal of Epidemiology
20. The Journal of Obstetrics and Gynecology Research
21. American Journal of Perinatology
22. Acta Paediatrica
23. Magnesium Research
24. Placenta
25. Paediatric and Perinatal Epidemiology

### **UNIVERSITY COMMITTEES**

Dean's Task Force on Patient-Oriented Research	1996-2001
Sparkman Center for Global Health Internal Advisory Committee	2004-2009

## STATE COMMITTEES

Alabama State Perinatal Advisory Committee

2002-2009

## MEMBERSHIP IN SOCIETIES

1. American College of Obstetricians and Gynecologists
2. Society of Maternal-Fetal Medicine
3. American Gynecological and Obstetrical Society

## PUBLICATIONS LIST

### ORIGINAL PUBLICATIONS IN PEER-REVIEWED JOURNALS

1. **Rouse DJ**, Weiner CP, Williamson RA: Immune hydrops fetalis secondary to anti-HJK. *Obstet Gynecol* 1990; 76: 988-90.
2. **Rouse DJ**, Weiner CP: Ongoing fetomaternal hemorrhage treated by serial fetal intravascular transfusions. *Obstet Gynecol* 1990; 76: 974-5.
3. Sahakian V, **Rouse DJ**, Rose NB, Sipes S, Neibyl JR: Vitamin B6 for the nausea and vomiting of pregnancy. *Obstet Gynecol* 1991; 78: 33-6.
4. **Rouse DJ**, Skopec GS, Zlatnick FJ: Fundal height as a predictor of pre-term twin delivery. *Obstet Gynecol* 1993; 81: 211-4.
5. **Rouse DJ**, Widness JA, Weiner CP: The effect of intravenous  $\beta$ -minetic tocolysis on human fetal serum erythropoietin levels. *Am J Obstet Gynecol* 1993;168:1278-82.
6. **Rouse DJ**, Hauth JC, Parker C, Goldenberg RL: Mid-Pregnancy serum thromboxane B2 determinations do not predict subsequent adverse pregnancy outcomes. *Am J Obstet Gynecol* 1993;169:105-6.
7. **Rouse DJ**, Goldenberg RL, Cliver SP, Cutter GR, Mennemeyer ST, Fargason CA Jr. Strategies for the prevention of early onset neonatal group B Streptococcal sepsis: A decision analysis. *Obstet Gynecol* 1994;83:483-94.
8. **Rouse DJ**, Goldenberg RL, Cliver SP, Tamura T, Boots L: Mid-Trimester maternal serum alpha2 macroglobulin pregnancy outcome in a non-indigent population. *Maternal-Fetal Med* 1994;3:56-9.
9. **Rouse DJ**, McCullough C, Wren AL, Owen J, Hauth JC. Active phase labor arrest: A randomized trial of chorioamniotic management. *Obstet Gynecol* 1994; 83: 937-40.
10. **Rouse DJ**, Owen J, Goldenberg RL, Vermund SH. Zidovudine for the prevention of vertical HIV transmission: A decision analytical approach. *J Acq Immuno Defic Syn Hum Retrovir* 1995; 9: 401-7.
11. **Rouse DJ**, Owen J, Goldenberg RL, Cliver SP. Determinants of the optimal time in gestation to initiate antenatal fetal testing: A decision-analytic approach. *Am J Obstet Gynecol* 1995;173:1357-63.
12. **Rouse DJ**, Andrews WA, Goldenberg RL Owen J. Screening and treatment of asymptomatic bacteriuria of pregnancy to prevent pyelonephritis: A cost-effectiveness and cost-benefit analysis. *Obstet Gynecol* 1995; 86:119-23.
13. **Rouse DJ**, Gardner MO, Allen S, Goldenberg RL, Management of the presumed susceptible varicella (chickenpox)-exposed gravida: A decision analysis. *Obstet Gynecol* 1996; 87: 932-6.
14. Alexander JM, **Rouse DJ**, Varner E, Austin JM. Treatment of the small unruptured ectopic pregnancy: A cost analysis of methotrexate versus laparoscopy. *Obstet Gynecol* 1996; 88: 123-7.
15. **Rouse DJ**, Hauth JC, Nelson KG, Goldenberg RL. Maternal magnesium sulfate for the prevention of cerebral palsy: The feasibility of a randomized clinical trial. *Am J Obstet Gynecol*. 1996; 175: 701-6.
16. Gardner MO, **Rouse DJ**, Goldenberg RL, Lanning J. Cost comparison of induction of labor at 41 weeks versus expectant management in the post-term pregnancy. *Am J Man Care*. 1996; 2: 814-8.

17. **Rouse DJ**, Owen J, Goldenberg RL, Cliver SP. The effectiveness and costs of elective cesarean delivery for fetal macrosomia diagnosed by ultrasound. *JAMA*. 1996; 276: 1480-6.
18. **Rouse DJ**, Hauth JC, Andrews WW, Mills BB, Maher JE. Chlorhexidine vaginal irrigation for the prevention of periparturient infection: A placebo-controlled randomized clinical trial. *Am J Obstet Gynecol*. 1997; 176: 617-22.
19. Holley RL, **Rouse DJ**, Howard BC, Varner RE, Richter HE, Gleason BP. The cost-effectiveness of three surgical procedures for genuine stress incontinence. *J Pelvic Surg*. 1997; 3: 246-50.
20. Fargason CA, Peralta-Carcelen M, **Rouse DJ**, Cutter GR, Goldenberg RL. The pediatric costs of strategies for minimizing the risk of early onset group B streptococcal disease. *Obstet Gynecol*. 1997; 90: 347-52.
21. **Rouse DJ**, Goldenberg RL, Wenstrom KD. Antenatal screening for Factor V Leiden mutation: A critical appraisal. *Obstet Gynecol*. 1997; 90: 848-50.
22. Munn MB, **Rouse DJ**, Owen J. Intraoperative hypothermia and post-cesarean wound infection. *Obstet Gynecol*. 1998; 91: 582-4.
23. **Rouse DJ**, Owen J, Goldenberg RL. Routine maternal platelet count: An assessment of a technologically-driven screening practice. *Am J Obstet Gynecol*. 1998; 179: 573-6.
24. **Rouse DJ**, Andrews WW, Lin FC, Mott CW, Ware JC, Phillips JB III. Antibiotic susceptibility profile of group B streptococcus acquired vertically. *Obstet Gynecol*. 1998; 92: 931-4.
25. Leviton LC, Clinical RL, Baker CS, Freda MC, Schwartz RM, Fish LJ, Cliver SP, **Rouse DJ**, et al. A randomized controlled trial of methods to encourage the use of antenatal corticosteroid therapy for fetal maturation. *JAMA*. 1999; 281: 46-52.
26. **Rouse DJ**, Owen J, Hauth JC. Active phase labor arrest: Evaluation of a four-hour oxytocin minimum. *Obstet Gynecol*. 1999; 93: 323-8.
27. Stringer JSA, **Rouse DJ**. Rapid testing and zidovudine treatment to prevent vertical transmission of Human Immunodeficiency Virus in unregistered parturients: a cost-effectiveness analysis. *Obstet Gynecol*. 1999; 94: 34-40.
28. **Rouse DJ**, Owen J, Prophylactic cesarean for fetal macrosomia diagnosed by ultrasound: A Faustian bargain? *Am J Obstet Gynecol*. 1999; 181: 332-8.
29. Stringer JSA, **Rouse DJ**, Goldenberg RL, Prophylactic cesarean delivery for the prevention of vertical HIV transmission. The case for restraint. *JAMA*. 1999; 281: 1946-9.
30. **Rouse DJ**, Stringer JSA. An appraisal of screening for maternal type-specific herpes simplex virus antibodies to prevent neonatal herpes. *Am J Obstet Gynecol*. 2000; 183: 400-6.
31. Stringer JSA, **Rouse DJ**, Goldenberg RL, Vermund SH, Stinnett AA. Cost-effective use of perinatal nevirapine to prevent vertical HIV transmission in sub-Saharan Africa. *J AIDS*. 2000; 24: 369-77.
32. **Rouse DJ**, Owen J, Hauth JC. Criteria for failed labor induction: Prospective evaluation of a standardized protocol. *Obstet Gynecol*. 2000; 96: 671-7.
33. Sakawi Y, Boyd G, Shaw B, **Rouse DJ**, Philips JB III. The use of sevoflurane to provide uterine relaxation for the ex utero intrapartum procedure. *Am J Anesth*. 2001; 28: 195-198.
34. Lu George, **Rouse DJ**, Kimberlin D, DuBard M, Cliver SP, Hauth J. The effect of the increasing prevalence of maternal obesity on perinatal morbidity. *Am J Obstet Gynecol* 2001; 185: 845-9.
35. **Rouse DJ**, Owen J, Savage KG, Hauth JC. Active phase labor arrest: Revisiting the two-hour minimum. *Obstet Gynecol*. 2001; 98: 550-4.
36. Stringer JSA, Sinkala M, **Rouse DJ**, Goldenberg RL, Vermund SH. Effect of Nevirapine Toxicity on Choice of Perinatal HIV Prevention Strategies. *Am J Public Health* 2001;92:365-366.
37. Howard RJ, Straughn M, Huh WK, **Rouse DJ**. Pelvic umbrella pack for refractory obstetrical hemorrhage secondary to posterior uterine rupture. *Obstet Gynecol* 2002; 100: 1061-3.
38. Lu GC, Luchesse A, Chapman V, Cliver S, **Rouse DJ**. Screening for gestational diabetes mellitus in the subsequent pregnancy: Is it Worthwhile? *Am J Obstet Gynecol* 2002; 187: 918-21.
39. Blanton EN, **Rouse DJ**. Trial of Labor in Women with Transverse Vaginal Septa. *Obstet Gynecol* 2003;101: 1110-2.

40. **Rouse DJ.** Potential Cost-Effectiveness of Nutritional Interventions to Prevent Adverse Pregnancy Outcomes in the Developing World. *J Nutr* 2003;133:1640S-1644S.
41. Salihu HM, Qing L, **Rouse DJ**, Alexander GR. Placenta previa: Neonatal death after live births in the United States. *Am J Obstet Gynecol* 2003;188:1305-9.
42. **Rouse DJ**, Cliver S, Lincoln T, Andrews W, Hauth J. Clinical trial of chlorhexidine vaginal irrigation to prevent periparturient infection in nulliparous women. *Am J Obstet Gynecol* 2003;189:166-70.
43. Salihu HM, Aliyu MH, **Rouse DJ**, Alexander GR. Potentially preventable excess mortality among higher-order multiples, United States, 1995-1997. *Obstet Gynecol* 2003;102:679-84.
44. **Rouse DJ**, Lincoln T, Cliver S, M. Dee Lyon, Andrews W, Hauth J. The effect of intrapartum chlorhexidine vaginal irrigation on chorioamnion and placental microbial colonization. *Intl J Gynecol & Obstet* 2003;83:165-169.
45. Stringer JSA, **Rouse DJ**, Sinkala M, Marseille EA, Vermund SH, Stringer EM, Goldenberg RL. Nevirapine to prevent mother-to-child transmission of HIV-1 among women of unknown serostatus. *Lancet* 2003;362: 1850-53.
46. Nuthalapaty FS, **Rouse DJ**, Owen J. The association of maternal weight with cesarean risk, labor duration, and cervical dilation rate during labor induction. *Obstet Gynecol* 2004;103:452-6.
47. Salihu HM, Aliyu MH, **Rouse DJ**, Kirby RS, Alexander GR. The association of parity with mortality outcomes among triplets. *Am J Obstet Gynecol* 2004;190:784-9.
48. **Rouse DJ** (For the MFMU Network). The maternal fetal medicine units cesarean registry: Chorioamnionitis at term and its duration—Relationship to outcomes. *Am J Obstet Gynecol* 2004;191:211-6.
49. Alexander MR, Salihu HM, **Rouse DJ**. Survival of triplets born to United States teenagers. *Am J Obstet Gynecol* 2005; 191: 2097-102.
50. Ramsey PS, White AM, Guinn DA, Lu GC, Ramin SM, Davies JK, Neely CL, Newby C, Fonseca L, Case AS, Kaslow RA, Kirby RS, **Rouse DJ**, Hauth J. Subcutaneous tissue reapproximation, alone or in combination with drain, in obese women undergoing cesarean delivery. *Obstet Gynecol* 2005; 105: 967-73.
51. Salihu HM, Bekan B, Aliyu MH, **Rouse DJ**, Kirby RS, Alexander GR. Perinatal mortality associated with abruptio placenta in singletons and multiples. *Am J Obstet Gynecol* 2005; 193: 198-203.
52. Bloom S, Spong C, Weiner S, Landon M, **Rouse DJ**, et al. Complications of anesthesia for cesarean delivery. *Obstet Gynecol* 2005; 106: 281-7.
53. Varner MW, Noble, WD, Dombrowski M, Sibai B, **Rouse DJ**, et al. for the NICHD MFMU Network. Is there a seasonal variation in the diagnosis of oligohydramnios? *J Mat Fetal Med* 2005; 17:173-7.
54. **Rouse DJ** (For the MFMU Network). The maternal fetal medicine units cesarean registry: Uterine atony after primary cesarean delivery. *Am J Obstet Gynecol* 2005;193:1056-60.
55. Goldenberg RL, McClure EM, Saleem S, **Rouse D**, Vermund S. Use of vaginally administered chlorhexidine during labor to improve pregnancy outcomes. *Obstet Gynecol* 2006; 107:1139-46.
56. Silver RM, Landon MB, **Rouse DJ**, et al. Maternal morbidity associated with multiple repeat cesarean deliveries. *Obstet Gynecol* 2006; 107: 1226-32.
57. Tita AT, Grobman W, **Rouse DJ**. Antenatal herpes serologic screening: An appraisal of the evidence. *Obstet Gynecol* 2006; 108:1247-53.
58. **Rouse DJ**, MacPherson C, Landon M, et al. Blood Transfusion and Cesarean Delivery. *Obstet Gynecol* 2006; 108: 891-7.
59. Schatz M, Dombrowski MP, Wise R, Momirova V, Landon M, Mabie W, Newman RB, **Rouse DJ**, et al. Spirometry is related to perinatal outcomes in pregnant women with asthma. *Am J Obstet Gynecol* 2006; 194:120-6.
60. Wapner RJ, Sorokin Y, Thom EA, Johnson F, Dudley DJ, Spong CY, Peaceman AM, Leveno KJ, Harper M, Caritis SN, Miodovnik M, Mercer B, Thorp JM, Moawad A, O'Sullivan MJ, Ramin S, Carpenter MW, **Rouse DJ**, et al. Single versus weekly courses of antenatal corticosteroids: Evaluation of safety and efficacy. *Am J Obstet Gynecol* 2006; 195:633-42.

61. Durnwald CP, **Rouse DJ**, Leveno KJ, et al. The Maternal-Fetal Medicine Units Cesarean Registry: Safety and efficacy of a trial of labor in preterm pregnancy after a prior cesarean delivery. *Am J Obstet Gynecol* 2006; 195:1119-26.
62. Peaceman AM, Gersnoviez MS, Landon MB, Spong CY, Leveno KJ, Varner MW, **Rouse DJ**, et al. The MFMU Cesarean Registry: Impact of fetal size on trial of labor success for patients with previous cesarean for dystocia. *Am J Obstet Gynecol* 2006; 195:1127-31.
63. Bailit JL, Landon MB, Thom E, **Rouse DJ**, et al. The MFMU Cesarean Registry: Impact of time of day on cesarean complications. *Am J Obstet Gynecol* 2006; 195:1132-7.
64. Bloom SL, Spong CY, Thom E, Varner MW, **Rouse DJ**, et al. Fetal pulse oximetry and cesarean delivery. *New Engl J Med* 2006; 355:2195-2202.
65. Grobman WA, Gilbert S, Landon MB, Spong CY, Leveno KJ, **Rouse DJ**, et al. Outcomes of induction of labor after one prior cesarean. *Obstet Gynecol* 2007;109: 262-9.
66. Grobman WA, Lai Y, Landon MB, Spong CY, Leveno KJ, **Rouse DJ**, et al. Development of a nomogram for prediction of vaginal birth after cesarean delivery. *Obstet Gynecol* 2007; 109: 806-12.
67. Alexander JM, Leveno KJ, **Rouse DJ**, et al. Comparison of maternal and infant outcomes from primary cesarean delivery during the second compared with first stage of labor. *Obstet Gynecol* 2007; 109: 917-21.
68. **Rouse DJ**, Caritis SN, Peaceman AM, et al. A randomized trial of 17-alpha hydroxyprogesterone caproate to prevent preterm birth in twins. *New Engl J Med* 2007; 357: 454-61.
69. Louis J, Landon M, Gersnoviez R, Leveno K, Spong C, **Rouse DJ**, et al. Perioperative morbidity and mortality among human immunodeficiency virus-infected women undergoing cesarean delivery. *Obstet Gynecol* 2007; 110:385-90.70.
70. Sawady J, Mercer BM, Wapner RJ, Zhao Y, Sorokin Y, Johnson F, Dudley DJ, Spong CY, Peaceman AM, Leveno KJ, Harper M, Caritis SN, Miodovnik M, Thorp JM, Ramin S, Carpenter MW, **Rouse DJ**. The National Institute of Child Health and Human Development Maternal-Fetal Medicine Units Network Beneficial Effects of Antenatal Repeated Steroids study: impact of repeated doses of antenatal corticosteroids on placental growth and histological findings. *Am J Obstet Gynecol* 2007;197:281-3.
71. Tita AT, Stringer JSA, Goldenberg R, **Rouse DJ**. Two decades of the Safe Motherhood Initiative: Time for another Wooden Spoon award? *Obstet Gynecol* 2007; 110:972-6.
72. Tita ATN, Biggio J, Chapman V, Neely C, **Rouse DJ**. Perinatal and maternal outcomes in women with Sickle or Hemoglobin C traits. *Obstet Gynecol* 2007; 110; 1113-20.
73. Saleem, S, Reza T, McClure EM, Pasha O, Moss N, **Rouse DJ**, Bartz J, Goldenberg RL. A randomized controlled trial of chlorhexidine vaginal and neonatal wipes in home births in Pakistan. *Obstet Gynecol* 2007; 110:977-85.
74. Spong C, Landon L, Gilbert S, **Rouse DJ**, et al. Risk of uterine rupture and adverse perinatal outcome at term after cesarean delivery. *Obstet Gynecol* 2007; 110:801-7.
75. Varner M, Thom L, Spong C, Landon M, Leveno K, **Rouse DJ**, et al. Trial of labor following one previous cesarean delivery for multi-fetal gestation. *Obstet Gynecol* 2007; 110:814-9.
76. Wapner R, Sorokin Y, Mele L, Johnson F, Dudley D, Spong C, Peaceman A, Leveno K, Malone F, Caritis S., Mercer B, Harper M, **Rouse DJ**, et al. Long-Term outcomes after repeat doses of antenatal corticosteroids. *New Engl J Med* 2007 357: 1190-8.
77. Grobman W, Gersnoviez R, Landon M, Spong C, Leveno K, **Rouse DJ**, et al. Pregnancy outcomes for women with placenta previa in relation to the number of prior cesarean deliveries. *Obstet Gynecol* 2007; 110:1249-55.
78. Mercer B, Gilbert S, Landon M, Spong C, Leveno K, **Rouse DJ**, et al. Labor outcomes with increasing number of prior vaginal births after cesarean delivery. *Obstet Gynecol* 2008; 111: 285-291.
79. Sciscione A, Landon M, Leveno K, Spong C, MacPherson C, Varner M, **Rouse DJ**, et al. Previous preterm cesarean delivery and risk of subsequent uterine rupture. *Obstet Gynecol* 2008;111:648-53.
80. Bailit J, Landon M, Lai Y, **Rouse DJ**, et al. Maternal-Fetal Medicine Units Network Cesarean Registry: impact of shift change on cesarean complications. *Am J Obstet Gynecol* 2008: 198; 173.e1-173.e5.

81. Carroll M, Vidaeff A, Mele L, Wapner R, Mercer B, Peaceman A, Sorokin Y, Dudley D, Spong C, Leveno K, Harper M, Caritis, Miodovnik M, Thorp J, Moawad A, O'Sullivan MJ, Carpenter M, **Rouse DJ**, Sibai B. Bone metabolism in pregnant women exposed to single compared with multiple courses of corticosteroids. *Obstet Gynecol* 2008: 111;1352-8.
82. **Rouse DJ**, Hirtz DG, Thom EA, et al. A randomized controlled trial of magnesium sulfate for the prevention of cerebral palsy. *New Engl J Med* 2008: 359:895-905:895-905.
83. Goldenberg R, Andrews W, Caritis S, Goepfert A, Ramsey PS, **Rouse D**, Sorokin Y, Mercer B, Thom E, Iams JD, Thorp J, Blackwell S, Leveno K, Peaceman A, Carpenter M, Wapner R, Spong C, Saade G, Davis L, Varner M, Van Dorsten JP. Steering Committee of the Eunice Kennedy Shriver National Institute of Child Health and Human Development's (NICHD) Maternal-Fetal Medicine Units Network. *American journal of obstetrics and gynecology*. 2008; 199(2):e14-5. PubMed [journal] PMID: 18674652.
84. Grobman WA, Lai Y, Landon MB, Spong CY, Leveno KJ, **Rouse DJ**, et al. Prediction of uterine rupture associated with attempted vaginal birth after cesarean delivery. *Am J Obstet Gynecol* 2008:199; 30.e1-30.e5.
85. Alexander JM, Leveno KJ, **Rouse DJ**, et al. Cesarean delivery for the second twin. *Obstet Gynecol* 2008:112;748-52.
86. Grobman W, Lai Y, Landon M, Spong C, Leveno K, **Rouse DJ**, et al. Can a prediction model for vaginal birth also predict the probability of morbidity related to a trial of labor? *Am J Obstet Gyn*. 2009;200;56.e1-6.
87. Caritis SN, **Rouse DJ**, Peaceman AM, et al. Prevention of preterm birth in triplets: An evaluation of 17-alpha hydroxyprogesterone caproate. *Obstet Gynecol* 2009:113; 285-292.
88. Tita AT, **Rouse DJ**. Progesterone for the prevention of preterm birth: An evolving intervention. *Am J Obstet Gynecol* 2009: 200; 219-224.
89. Fonseca L, Ramin SM, Mele L, Wapner RJ, Johnson F, Peaceman AM, Sorokin Y, Dudley DJ, Spong CY, Leveno KJ, Caritis SN, Miodovnik M, Mercer B, Thorp JM, O'sullivan MJ, Carpenter MW, **Rouse DJ**, Sibai B. Bone metabolism in fetuses of pregnant women exposed to single and multiple courses of corticosteroids. *Obstetrics and gynecology*. 2009; 114(1):38-44. NIHMSID: NIHMS157509 PubMed [journal]PMID: 19546756.
90. Tita AT, **Rouse DJ**, Saade G, et al. Emerging concepts in antibiotic prophylaxis for cesarean delivery: a systematic review. *Obstet Gynecol* 2009: 113; 675-682.
91. Doyle LW, Crowther CA, Middleton P, Marret S, **Rouse D**. Magnesium sulphate for women at risk of preterm birth for neuroprotection of the fetus. *Cochrane Database of Systematic Reviews* 2009, Issue 1. Art. No.: CD004661. DOI: 10.1002/14651858.CD004661.pub3.
92. Newman RB, Momirova V, Dombrowski MP, Schatz M, Wise R, Landon M, **Rouse DJ**, et al. The Effect of Active and Passive Household Cigarette Smoke Exposure on Pregnant Women with Asthma. *Chest* 2010: 137; 601-8.
93. Landon, MB, Spong CY, Thom E, Carpenter MW, Ramin SM, Casey B, Wapner RJ, Varner MW, **Rouse DJ**, et al. A Multicenter, Randomized Trial of Treatment for Mild Gestational Diabetes. *New Engl J Med* 2009: 361; 1339-48.
94. Dinsmoor MJ, Gilbert S, Landon MB, **Rouse DJ**, et al. Perioperative Antibiotic Prophylaxis for Nonlaboring Cesarean Delivery. *Obstet Gynecol* 2009: 114; 752-6.
95. Grobman WA, Lai Y, Landon MB, Spong CY, Leveno KJ, **Rouse DJ**, et al. Does Information Available at Admission for Delivery Improve Prediction of Vaginal Birth after Cesarean? *Amer J Perinatol* 2009: 26; 693-701.
96. **Rouse DJ**, Weiner S, Bloom SL, et al. Second-stage labor duration in nulliparous women: relationship to maternal and perinatal outcomes. *AJOG* 2009: 201; 357.e1-7.
97. Gyamfi C, Horton AL, Momirova V, **Rouse DJ**, et al. The effect of 17-alpha hydroxyprogesterone caproate on the risk of gestational diabetes in singleton or twin pregnancies. *AJOG* 2009: 201; 392.e1-5.



98. Killam WP, Tambatamba BC, Chintu N, **Rouse D**, Stringer E, Bweupe M, Yu Y, Stringer JS. Antiretroviral therapy in antenatal care to increase treatment initiation in HIV-infected pregnant women: a stepped-wedge evaluation. *J AIDS* 2010; 24; 85-91.
99. Cormier C, Landon M, Lai Y, Spong C, **Rouse D**, et al. White's Classification of Maternal Diabetes and Vaginal Birth After Cesarean Delivery Success in Women Undergoing a Trial of Labor. *Obstet Gynecol* 2010;115; 60-4.
100. Harper M, Thom E, Klebanoff M, Thorp J Jr., Sorokin Y, Varner M, Wapner R, Caritis S, Iams J, Carpenter M, Peaceman A, Mercer B, Sciscione A, **Rouse D**, et al. Omega-3 Fatty Acid Supplementation to Prevent Recurrent Preterm Birth: A Randomized Controlled Trial. *Obstet Gynecol* 2010;115; 234-42.
101. Biggio J Jr, Chapman V, Neely C, Cliver S, **Rouse DJ**. Fetal Anomalies in Obese Women: The Contribution of Diabetes. *Obstet Gynecol* 2010;115; 290-6.
102. Contag SA, Clifton RG, Bloom SL, Spong CY, Varner MW, **Rouse DJ**, et al. Neonatal Outcomes and Operative Vaginal Delivery Versus Cesarean Delivery. *Am J Perinatol* 2010;27;493-9.
103. Refuerzo JS, Momirova V, Peaceman AM, Sciscione A, **Rouse DJ**, et al. Neonatal Outcomes in Twin Pregnancies Delivered Moderately Preterm, Late Preterm, and Term *Am J Perinatol* 2010; 27; 537-42.
104. Schatz M, Dombrowski MP, Wise R, Lai Y, Landon M, Newman RB, **Rouse DJ**, et al. The relationship of asthma-specific quality of life during pregnancy to subsequent asthma and perinatal morbidity. *J Asthma* 2010; 47; 46-50.
105. Moldenhauer JS, Lai Y, Schatz M, Wise R, Landon MB, Newman RB, **Rouse DJ**, et al. Influence of maternal asthma and asthma severity on newborn morphometry. *J Asthma*. 2010; 47; 145-9.
106. Sorokin Y, Romero R, Mele L, Wapner RJ, Iams JD, Dudley DJ, Spong CY, Peaceman AM, Leveno KJ, Harper M, Caritis SN, Miodovnik M, Mercer BM, Thorp JM, O'Sullivan MJ, Ramin SM, Carpenter MW, **Rouse DJ**, Sibai B. Maternal Serum Interleukin-6, C-Reactive Protein, and Matrix Metalloproteinase-9 Concentrations as Risk Factors for Preterm Birth <32 Weeks and Adverse Neonatal Outcomes. *Am J Perinatol* 2010; 27; 631-40.
107. Hashima JN, Lai Y, Wapner RJ, Sorokin Y, Dudley DJ, Peaceman A, Spong CY, Iams JD, Leveno KJ, Harper M, Caritis SN, Varner M, Miodovnik M, Mercer BM, Thorp JM, O'Sullivan MJ, Ramin SM, Carpenter M, **Rouse DJ**, Sibai B. The effect of maternal body mass index on neonatal outcome in women receiving a single course of antenatal corticosteroids. *Am J Obstet Gynecol* 2010; 202; 263.e1-5.
108. Ramirez MM, Gilbert S, Landon MB, **Rouse DJ**, et al. Mode of Delivery in Women with Antepartum Fetal Death and Prior Cesarean Delivery. *Am J Perinatol*. 2010; 27; 825-30.
109. Bakhshi T, Landon MB, Lai Y, Spong CY, **Rouse DJ**, et al. Maternal and Neonatal Outcomes of Repeat Cesarean Delivery in Women with a Prior Classical versus Low Transverse Uterine Incision. *Am J Perinatol*. 2010; 27; 791-6.
110. Durnwald CP, Momirova V, **Rouse DJ**, et al. Second trimester cervical length and risk of preterm birth in women with twin gestations treated with 17-alpha hydroxyprogesterone caproate. *J Matern Fetal Neonatal Med*. 2010; 23; 1360-1364.
111. Bates E, Rouse D, et al. Neonatal Outcomes After Demonstrated Fetal Lung Maturity Before 39 Weeks of Gestation. *Obstet Gynecol*. 2010; 116(6); 1229.
112. Clark EA, Mele L, Wapner RJ, Spong CY, Sorokin Y, Peaceman A, Iams JD, Leveno KJ, Harper M, Caritis SN, Miodovnik M, Mercer BM, Thorp JM, Ramin SM, Carpenter M, **Rouse DJ**. Association of fetal inflammation and coagulation pathway gene polymorphisms with neurodevelopmental delay at age 2 years. *Am J Obstet Gynecol* 2010; 203; 83.e1-83.e10.
113. Saleem S, **Rouse DJ**, et al. Chlorhexidine vaginal and infant wipes to reduce perinatal mortality and morbidity: a randomized controlled trial. *Obstet Gynecol*. 2010; 115; 1225-32.
114. Wylie BJ, Gilbert S, Landon MB, Spong CY, **Rouse DJ**, et al. Comparison of transverse and vertical skin incision for emergency cesarean delivery. *Obstet Gynecol*. 2010; 115; 1134-40.
115. Manuck TA, Price TM, Thom E, Meis PJ, Dombrowski MP, Sibai B, Spong CY, **Rouse DJ**, et al. Absence of Mitochondrial Progesterone Receptor Polymorphisms in Women With Spontaneous Preterm Birth. *Reprod Sci*. 2010; 17; 913-6.

116. Gyamfi C, Mele L, Wapner RJ, Spong CY, Peaceman A, Sorokin Y, Dudley DJ, Johnson F, Leveno KJ, Caritis SN, Mercer BM, Thorp JM Jr, O'Sullivan MJ, Ramin SM, Carpenter M, **Rouse DJ**, et al. The effect of plurality and obesity on betamethasone concentrations in women at risk for preterm delivery. *Am J Obstet Gynecol*. 2010; 203; 219.e1-5.
117. Bush NC, Chandler-Laney PC, **Rouse DJ**, et al. Higher Maternal Gestational Glucose Concentration Is Associated with Lower Offspring Insulin Sensitivity and Altered {beta}-Cell Function. *J Clin Endocrinol Metab*. 2011; 96; E803-9.
118. Chi BH, Vwalika B, Killam WP, Wamalume C, Giganti MJ, Mbewe R, Stringer EM, Chintu NT, Putta NB, Liu KC, Chibwesa CJ, **Rouse DJ**, et al. Implementation of the Zambia Electronic Perinatal Record System for comprehensive prenatal and delivery care. *Int J Gynaecol Obstet*. 2011; 113; 131-6.
119. Landon MB, Mele L, Spong CY, Carpenter MW, Ramin SM, Casey B, Wapner RJ, Varner MW, **Rouse DJ**, et al. The relationship between maternal glycemia and perinatal outcome. *Obstet Gynecol*. 2011; 117; 218-24.
120. Chandler-Laney PC, Bush NC, **Rouse DJ**, et al. Maternal glucose concentration during pregnancy predicts fat and lean mass of prepubertal offspring. *Diabetes Care*. 2011; 34; 741-5.
121. **Rouse DJ**, et al. Failed labor induction: toward an objective diagnosis. *Obstet Gynecol*. 2011; 117; 267-72.
122. Harper M, Zheng SL, Thom E, Klebanoff MA, Thorp J Jr, Sorokin Y, Varner MW, Iams JD, Dinsmoor M, Mercer BM, **Rouse DJ**, et al. Cytokine gene polymorphisms and length of gestation. *Obstet Gynecol*. 2011; 117; 125-30.
123. Grobman WA, Lai Y, Landon MB, Spong CY, **Rouse DJ**, et al. The change in the rate of vaginal birth after caesarean section. *Paediatr Perinat Epidemiol*. 2011; 25; 37-43.
124. Stringer EM, Vwalika B, Killam WP, Giganti MJ, Mbewe R, Chi BH, Chintu N, **Rouse D**, et al. Determinants of stillbirth in Zambia. *Obstet Gynecol*. 2011; 117; 1151-9.
125. Manuck TA, Lai Y, Meis PJ, Sibai B, Spong CY, **Rouse DJ**, et al. Admixture Mapping to Identify Spontaneous Preterm Birth Susceptibility Loci in African Americans. *Obstet Gynecol*. 2011; 117; 1078-1084.
126. Klebanoff MA, Harper M, Lai Y, Thorp J Jr, Sorokin Y, Varner MW, Wapner RJ, Caritis SN, Iams JD, Carpenter MW, Peaceman AM, Mercer BM, Sciscione A, **Rouse DJ**, et al. Fish Consumption, Erythrocyte Fatty Acids, and Preterm Birth. *Obstet Gynecol*. 2011; 117; 1071-1077.
127. Anderson BL, **Rouse DJ**, Fitzsimmons C. Clinical characteristics of pregnant women with influenza-like illness during the 2009 H1N1 pandemic and use of a standardized management algorithm. *Am J Obstet Gynecol*. 2011; 204; S31-7.
128. Durnwald CP, Mele L, Spong CY, Ramin SM, Varner MW, **Rouse DJ**, et al. Glycemic Characteristics and Neonatal Outcomes of Women Treated for Mild Gestational Diabetes. *Obstet Gynecol*. 2011; 117; 819-827.
129. Mertz HL, Mele L, Spong CY, Dudley DJ, Wapner RJ, Iams JD, Sorokin Y, Peaceman A, Leveno KJ, Caritis SN, Miodovnik M, Mercer BM, Thorp JM, O'Sullivan MJ, Ramin SM, Carpenter M, **Rouse DJ**, et al. Placental endothelial nitric oxide synthase in multiple and single dose betamethasone exposed pregnancies. *Am J Obstet Gynecol*. 2011; 204; 545.e11-545.e16.
130. Costantine MM, Weiner SJ, **Rouse DJ**, et al. Umbilical cord blood biomarkers of neurologic injury and the risk of cerebral palsy or infant death. *Int J Dev Neurosci*. 2011; 29; 917-922.
131. Clark EA, Mele L, Wapner RJ, Spong CY, Sorokin Y, Peaceman A, Iams JD, Leveno KJ, Harper M, Caritis SN, Mercer BM, Thorp JM, Ramin SM, Carpenter M, **Rouse DJ**. Repeated course antenatal steroids, inflammation gene polymorphisms, and neurodevelopmental outcomes at age 2. *American journal of obstetrics and gynecology*. 2011; 205(1):79.e1-5. NIHMSID: NIHMS401725 PubMed [journal] PMID: 21529753.
132. Caritis SN, Sharma S, Venkataramanan R, **Rouse DJ**, et al. Pharmacokinetics of 17-hydroxyprogesterone caproate in multifetal gestation. *Am J Obstet Gynecol*. 2011; 205; 40.e1-8.

133. Manuck TA, Lai Y, Meis PJ, Dombrowski MP, Sibai B, Spong CY, **Rouse DJ**, et al. Progesterone receptor polymorphisms and clinical response to 17-alpha-hydroxyprogesterone caproate. *Am J Obstet Gynecol.* 2011: 205; 135.e1-9
134. Robinson BK, Mapp DC, Bloom SL, **Rouse DJ**, et al. Increasing Maternal Body Mass Index and Characteristics of the Second Stage of Labor. *Obstet Gynecol.* 2011: 118; 1309-1313.
135. Johnson LH, Mapp DC, **Rouse DJ**, et al. Association of Cord Blood Magnesium Concentration and Neonatal Resuscitation. *J Pediatr* 2012: 160; 573-577.e1.
136. Chandler-Laney PC, Bush NC, Granger WM, **Rouse DJ**, et al. Overweight status and intrauterine exposure to gestational diabetes are associated with children's metabolic health. *Pediatr Obes.* 2012;7:44-52.
137. Gyamfi-Bannerman C, Gilbert S, Landon MB, Spong CY, **Rouse DJ**, et al. Effect of Antenatal Corticosteroids on Respiratory Morbidity in Singletons After Late-Preterm Birth. *Obstet Gynecol.* 2012: 119; 555-559.
138. Tita AT, Szychowski JM, **Rouse DJ**, Bean CM, Chapman V, Nothorn A, Figueroa D, Quinn R, Andrews WW, Hauth JC Higher-dose oxytocin and hemorrhage after vaginal delivery: a randomized controlled trial. *Obstet Gynecol.* 2012: 119; 293-300.
139. Stuebe AM, Landon MB, Lai Y, Spong CY, Carpenter MW, Ramin SM, Casey B, Wapner RJ, Varner MW, **Rouse DJ**, et al. Maternal BMI, glucose tolerance, and adverse pregnancy outcomes. *Am J Obstet Gynecol.* 2012: 207; 62.e1-7.
140. Bahado-Singh RO, Mele L, Landon MB, Ramin SM, Carpenter MW, Casey B, Wapner RJ, Varner MW, **Rouse DJ**, et al. Fetal male gender and the benefits of treatment of mild gestational diabetes mellitus. *Am J Obstet Gynecol.* 2012: 206; 422.e1-5.
141. Gilbert SA, Grobman WA, Landon MB, Spong CY, **Rouse DJ**, et al. Elective repeat cesarean delivery compared with spontaneous trial of labor after a prior cesarean delivery: a propensity score analysis. *Am J Obstet Gynecol.* 2012: 206; 311.e1-9.
142. Morgan TK, Tolosa JE, Mele L, Wapner RJ, Spong CY, Sorokin Y, Dudley DJ, Peaceman AM, Mercer BM, Thorp JM, Jo O'Sullivan M, Ramin SM, **Rouse DJ**, et al. Placental Villous Hypermaturity is Associated with Idiopathic Preterm Birth. *J Matern Fetal Neonatal Med.* 2013: 26; 647-53.
143. Berggren EK, Mele L, Landon MB, Spong CY, Ramin SM, Casey B, Wapner RJ, Varner MW, **Rouse DJ**, et al. Perinatal Outcomes in Hispanic and Non-Hispanic White Women With Mild Gestational Diabetes. *Obstet Gynecol.* 2012: 120; 1099-1104.
144. Grobman WA, Thom EA, Spong CY, Iams JD, Saade GR, Mercer BM, Tita AT, **Rouse DJ**, et al. 17 alpha-hydroxyprogesterone caproate to prevent prematurity in nulliparas with cervical length less than 30 mm. *Am J Obstet Gynecol.* 2012: 207; 390.e1-8.
145. Caritis SN, Simhan HN, Zhao Y, **Rouse DJ**, et al. Relationship between 17-hydroxyprogesterone caproate concentrations and gestational age at delivery in twin gestation. *Am J Obstet Gynecol.* 2012;207;396.e1-8.
146. Costantine MM, Clark EA, Lai Y, **Rouse DJ**, et al. Association of polymorphisms in neuroprotection and oxidative stress genes and neurodevelopmental outcomes after preterm birth. *Obstet Gynecol.* 2012: 120; 542-50.
147. Gibbins KJ, Albright CM, **Rouse DJ**. Postpartum hemorrhage in the developed world: whither misoprostol? *Am J Obstet Gynecol.* 2013: 208; 181-3.
148. Costantine MM, Lai Y, Bloom SL, Spong CY, Varner MW, **Rouse DJ**, et al. Population versus Customized Fetal Growth Norms and Adverse Outcomes in an Intrapartum Cohort. *Am J Perinatol.* 2013: 30; 335-42.
149. Chauhan SP, **Rouse DJ**, et al. Screening for Intrauterine Growth Restriction in Uncomplicated Pregnancies: Time for Action. *Am J Perinatol.* 2013: 30; 33-9.
150. Anderson BL, Ghosh M, Raker C, Fahey J, Song Y, **Rouse DJ**, et al. In vitro anti-HIV-1 activity in cervicovaginal secretions from pregnant and nonpregnant women. *Am J Obstet Gynecol.* 2012: 207; 65.e1-10.

151. Segel SY, Carreño CA, Weiner SJ, Bloom SL, Spong CY, Varner MW, **Rouse DJ**, et al. Relationship between fetal station and successful vaginal delivery in nulliparous women. *Am J Perinatol*. 2012; 29; 723-30.
152. Ma KK, Mele L, Landon MB, Spong CY, Ramin SM, Casey B, Wapner RJ, Varner MW, **Rouse DJ**, et al. The Obstetric and Neonatal Implications of a Low Value on the 50-g Glucose Screening Test. *Am J Perinatol* 2013;30:715-22.
153. Gyamfi-Bannerman C, Gilbert S, Landon MB, Spong CY, **Rouse DJ**, et al. Risk of Uterine Rupture and Placenta Accreta With Prior Uterine Surgery Outside of the Lower Segment. *Obstet Gynecol*. 2012; 120; 1332-1337.
154. Costantine MM, Mele L, Landon MB, Spong CY, Ramin SM, Casey B, Wapner RJ, Varner MW, **Rouse DJ**, et al. Customized versus Population Approach for Evaluation of Fetal Overgrowth. *Am J Perinatol*. 2013; 30; 565-72.
155. Thorp J, Camargo C, McGee P, Harper M, Klebanoff M, Sorokin Y, Varner M, Wapner R, Caritis S, Iams J, Carpenter M, Peaceman A, Mercer B, Sciscione A, **Rouse D**, et al. Vitamin D status and recurrent preterm birth: a nested case-control study in high-risk women. *BJOG*. 2012; 119; 1617-1623.
156. Mendez-Figueroa H, Dahlke JD, Vrees RA, **Rouse DJ**. Trauma in Pregnancy: An Updated Systematic Review. *Am J Obstet Gynecol*. 2013; 209; 1:1-10.
157. Gilbert SA, Grobman WA, Landon MB, Spong CY, **Rouse DJ**, et al. Cost-Effectiveness of Trial of Labor after Previous Cesarean in a Minimally Biased Cohort. *Am J Perinatol*. 2013; 30; 11-20.
158. Gibbins KJ, Browning KR, Lopes VV, Anderson BL, **Rouse DJ**. Evaluation of the clinical use of magnesium sulfate for cerebral palsy prevention. *Obstet Gynecol*. 2013; 121; 235-40.
159. Chandler-Laney PC, Bush NC, **Rouse DJ**, et al. Gut hormone activity of children born to women with and without gestational diabetes. *Pediatr Obes* 2014; 9:53-62.
160. Dahlke JD, Mendez-Figueroa H, **Rouse DJ**, et al. Evidence-based surgery for cesarean delivery: an updated systematic review. *Am J Obstet Gynecol*. 2013; 209; 294-306.
161. Harper M, Li L, Zhao Y, Klebanoff MA, Thorp JM Jr, Sorokin Y, Varner MW, Wapner RJ, Caritis SN, Iams JD, Carpenter MW, Peaceman AM, Mercer BM, Sciscione A, **Rouse DJ**, et al. Change in Mononuclear Leukocyte Responsiveness in Midpregnancy and Subsequent Preterm Birth. *Obstet Gynecol*. 2013; 201:805-811.
162. Mendez-Figueroa H, Maggio L, Dahlke JD, Daley J, Lopes VV, Coustan DR, **Rouse DJ**. Treatment of severe insulin resistance in pregnancy with 500 units per milliliter of concentrated insulin. *Obstet Gynecol*. 2013; 122; 99-104.
163. Zephyrin LC, Hong KN, Wapner RJ, Peaceman AM, Sorokin Y, Dudley DJ, Iams JD, Harper M, Caritis SN, Mercer BM, Thorp JM, Ramin SM, **Rouse DJ**, Sibai B. Gestational age-specific risks versus benefits of multi-course antenatal corticosteroids for preterm labor. *Am J Obstet Gynecol*. 2013; 209:330.e1-7.
164. Grobman WA, Lai Y, **Rouse DJ**, et al. The association of cerebral palsy and death with small-for-gestational age birth weight in preterm neonates by individualized and population-based percentiles. *Am J Obstet Gynecol*. 2013;209:340.e1-5.
165. Thorp JM Jr, Rice MM, Harper M, Klebanoff M, Sorokin Y, Varner MW, Wapner RJ, Caritis SN, Iams JD, Peaceman AM, Mercer BM, Sciscione A, **Rouse DJ**, et al. Advanced Lipoprotein Measures And Recurrent Preterm Birth. *Am J Obstet Gynecol*. 2013; 209:342.e1-7.
166. Bodnar LM, **Rouse DJ**, et al. Maternal 25-Hydroxyvitamin D and Preterm Birth in Twin Gestations. *Obstet Gynecol*. 2013; 122; 91-98.
167. Grobman WA, Gilbert SA, Iams JD, Spong CY, Saade G, Mercer BM, Tita AT, **Rouse DJ**, et al. Activity Restriction Among Women With a Short Cervix. *Obstet Gynecol*. 2013;121; 1181-6.
168. Zork N, Biggio J, Tita A, **Rouse D**, Gyamfi-Bannerman C. Decreasing prematurity in twin gestations: predicaments and possibilities. *Obstet Gynecol*. 2013;122; 375-9.

169. Iams JD, Grobman WA, Lozitska A, Spong CY, Saade G, Mercer BM, Tita AT, **Rouse DJ**, et al. Adherence to criteria for transvaginal ultrasound imaging and measurement of cervical length. *Am J Obstet Gynecol.* 2013; 209:365.e1-5.
170. Bailit JL, Grobman WA, Rice MM, Spong CY, Wapner RJ, Varner MW, Thorp JM, Leveno KJ, Caritis SN, Shubert PJ, Tita AT, Saade G, Sorokin Y, **Rouse DJ**, et al. Risk-adjusted models for adverse obstetric outcomes and variation in risk-adjusted outcomes across hospitals. *Am J Obstet Gynecol.* 2013;209:446.e1-446.e30.
171. Clark SL, Nageotte MP, Garite TJ, Freeman RK, Miller DA, Simpson KR, Belfort MA, Dildy GA, Parer JT, Berkowitz RL, D'Alton M, **Rouse DJ**, et al. Intrapartum management of category II fetal heart rate tracings: towards standardization of care.. *Am J Obstet Gynecol.* 2013; 209; 89-97.
172. Chiossi G, Lai Y, Landon MB, Spong CY, **Rouse DJ**, et al. Timing of delivery and adverse outcomes in term singleton repeat cesarean deliveries. *Obstet Gynecol.* 2013; 121:561-9.
173. Sorokin Y, Romero R, Mele L, Iams JD, Peaceman AM, Leveno KJ, Harper M, Caritis SN, Mercer BM, Thorp JM, O'Sullivan MJ, Ramin SM, Carpenter MW, **Rouse DJ**, Sibai B. Umbilical Cord Serum Interleukin-6, C-Reactive Protein, and Myeloperoxidase Concentrations at Birth and Association with Neonatal Morbidities and Long-Term Neurodevelopmental Outcomes. *Am J Perinatol.* 2013; 31: 717-26.
174. Starikov RS, Inman K, Chien EK, Anderson BL, **Rouse DJ**, Lopes V, Coustan DR. Can hemoglobin A1c in early pregnancy predict adverse pregnancy outcomes in diabetic patients? *J Diabetes Complications.* *J Diabetes Complications.* 2014; 28:203-7.
175. Graves SW, Esplin MS, McGee P, **Rouse DJ**, et al. Association of Cord Blood Digitalis-Like Factor and Necrotizing Enterocolitis. *Am J Obstet Gynecol.* 2014; 210:328.e1-5.
176. Caritis SN, Venkataramanan R, Thom E, Harper M, Klebanoff MA, Sorokin Y, Thorp JM Jr, Varner MW, Wapner RJ, Iams JD, Carpenter MW, Grobman WA, Mercer BM, Sciscione A, **Rouse DJ**, Ramin S. Relationship between 17-alpha hydroxyprogesterone caproate concentration and spontaneous preterm birth. *Am J Obstet Gynecol.* 2014; 210:128.e1-6.
177. Hamel MS, Anderson BL, **Rouse DJ**. Oxygen for intrauterine resuscitation: Of unproved benefit and potentially harmful. *Am J Obstet Gynecol.* 2014; 211: 124-27.
178. Grobman WA, Bailit JL, Rice MM, Wapner RJ, Reddy UM, Varner MW, Thorp JM Jr, Leveno KJ, Caritis SN, Iams JD, Tita AT, Saade G, Sorokin Y, **Rouse DJ**, et al. Frequency of and factors associated with severe maternal morbidity. *Obstet Gynecol.* 2014; 123:804-10.
179. Catalano PM, Mele L, Landon MB, Ramin SM, Reddy UM, Casey B, Wapner RJ, Varner MW, **Rouse DJ**, et al. Inadequate weight gain in overweight and obese pregnant women: what is the effect on fetal growth? *Am J Obstet Gynecol.* 2014; 211: 137.e1-7.
180. Grobman WA, Bailit JL, Rice MM, Wapner RJ, Varner MW, Thorp JM Jr, Leveno KJ, Caritis SN, Iams JD, Tita AT, Saade G, Sorokin Y, **Rouse DJ**, et al. Can differences in obstetric outcomes be explained by differences in the care provided? The MFMU Network APEX Study. *Am J Obstet Gynecol.* 2014; 211: 147.e1-147.e16.
181. Albright CM, Ali TN, Lopes V, **Rouse DJ**, Anderson BL. The Sepsis in Obstetrics Score: A Model to Identify Risk of Morbidity from Sepsis in Pregnancy. *Am J Obstet Gynecol.* 2014; 211;39.e1-8.
182. Mendez-Figueroa H, Dahlke JD, Viteri OA, Chauhan SP, **Rouse DJ**, Sibai BM, Blackwell SC. Neonatal and infant outcomes in twin gestations with preterm premature rupture of membranes at 24-31 weeks of gestation. *Obstet Gynecol.* 2014; 124:323-31.
183. Dray D, Dahlke JD, **Rouse DJ**. Recurrent Pancreatitis in Pregnancy after Preconception Whipple for Pseudopapillary Pancreatic Tumor. *Obstet Gynecol.* 2014; 124:469-71.
184. McPherson JA, **Rouse DJ**, Grobman WA, Palatnik A, Stamilio DM. Association of duration of neuroprotective magnesium sulfate infusion with neonatal and maternal outcomes. *Obstet Gynecol.* 2014; 124: 749-55.
185. Albright CM, **Rouse DJ**, Werner EF. Cost savings of red cell salvage during cesarean delivery. *Obstet Gynecol.* 2014; 124: 690-6.

186. Blumenfeld YJ, Momirova V, **Rouse DJ**, et al. Accuracy of sonographic chorionicity classification in twin gestations. *J Ultrasound Med.* 2014; 33: 2187-92.
187. Peaceman AM, Lai Y, **Rouse DJ**, Spong CY, Mercer BM, Varner MW, Thorp JM, Ramin SM, Malone FD, O'Sullivan MJ, Hankins GD. Length of Latency with Preterm Premature Rupture of Membranes before 32 Weeks' Gestation. *Am J Perinatol.* 2015; 32: 57-62.
188. Casey BM, Mele L, Landon MB, Spong CY, Ramin SM, Wapner RJ, Varner MW, **Rouse DJ**, Thorp JM Jr, Catalano P, Harper M, Saade G, Sorokin Y, Peaceman AM. Does Maternal Body Mass Index Influence Treatment Effect in Women with Mild Gestational Diabetes? *Am J Perinatol.* 2015; 32: 93-100.
189. Bailit JL, Grobman W, Zhao Y, Wapner RJ, Reddy UM, Varner MW, Leveno KJ, Caritis SN, Iams JD, Tita AT, Saade G, Sorokin Y, **Rouse DJ**, et. Non-medically indicated induction vs. expectant management in term nulliparas *Am J Obstet Gynecol.* 2015; 212: 103.e1-7.
190. Varner MW, Marshall NE, **Rouse DJ**, et al. The association of cord serum cytokines with neurodevelopmental outcomes. *Am J Perinatol.* 2015; 30: 115-22.
191. Schuit E, Stock S, Rode L, **Rouse D**, et al. Effectiveness of progestogens to improve perinatal outcome in twin pregnancies: an individual participant data meta-analysis. *BJOG.* 2015; 122: 27-37.
192. Horton AL, Lai Y, **Rouse DJ**, et al. Effect of magnesium sulfate administration for neuroprotection on latency in women with preterm premature rupture of membranes. *Am J Perinatol.* 2015; 32: 387-92.
193. Landon MB, Rice MM, Varner MW, Casey BM, Reddy UM, Wapner RJ, **Rouse DJ**, et al. Mild Gestational Diabetes Mellitus and Long-Term Child Health. *Diabetes Care.* 2015; 38: 445-52.
194. Miller R, Smiley R, Thom E, Grobman W, Iams J, Mercer B, Saade G, Tita A, Reddy U, **Rouse DJ**, et al. The association of beta-2 adrenoceptor genotype with short-cervix mediated preterm birth: a case-control study. *BJOG.* 2015; 122: 1287-94.
195. Stuebe AM, Landon MB, Lai Y, Klebanoff M, Ramin SM, Wapner RJ, Varner MW, **Rouse DJ**, et al. Is There a Threshold Oral Glucose Tolerance Test Value for Predicting Adverse Pregnancy Outcome? *Am J Perinatol.* 2015; 32: 833-38.
196. Bailit JL, Grobman W, McGee P, Reddy UM, Wapner RJ, Varner MW, Thorp JM, Leveno KJ, Iams JD, Tita AT, Saade G, Sorokin Y, **Rouse DJ**, Blackwell SC. Does the presence of a condition-specific obstetric protocol lead to detectable improvements in pregnancy outcomes? *Am J Obstet Gynecol.* 2015; 213: 86.e1-6.
197. Bailit JL, Grobman WA, Rice MM, Reddy UM, Wapner RJ, Varner MW, Leveno KJ, Iams JD, Tita AT, Saade G, **Rouse DJ**, Blackwell SC. Morbidly adherent placenta treatments and outcomes. *Obstet Gynecol.* 2015 125: 683-9. doi: 10.1097/AOG.0000000000000680. PMID: 25730233
198. Mendez-Figueroa H, Chauhan SP, Pedroza C, Refuerzo JS, Dahlke JD, **Rouse DJ**. Preterm cesarean delivery for nonreassuring fetal heart rate: neonatal and neurologic morbidity. *Obstet Gynecol.* 2015 125: 636-42. doi: 10.1097/AOG.0000000000000673. PMID: 25730227.
199. Hamel MS, Hughes BL, **Rouse DJ**. Whither oxygen for intrauterine resuscitation? *Am J Obstet Gynecol.* 2015; 212: 461.e1-3. doi: 10.1016/j.ajog.2015.01.057. PMID: 25659471.
200. Albright CM, Ali TN, Lopes V, **Rouse DJ**, Anderson BL. Lactic Acid measurement to identify risk of morbidity from sepsis in pregnancy. *Am J Perinatol.* 2015; 32: 481-6. doi: 10.1055/s-0034-1395477. PMID: 25486284.
201. Maggio L, Nicolau DP, DaCosta M, **Rouse DJ**, Hughes BL. Cefazolin prophylaxis in obese women undergoing cesarean delivery: a randomized controlled trial. *Obstet Gynecol.* 2015; 125: 1205-10. doi: 10.1097/AOG.0000000000000789.
202. Olson G, Weiner SJ, **Rouse DJ**, et al. Relation between Birth Weight and Weight and Height at the Age of 2 in Children Born Preterm. *Am J Perinatol.* 2015; 32: 591-8. doi: 10.1055/s-0035-1544947.
203. Palatnik A, Mele L, Landon MB, Reddy UM, Ramin SM, Carpenter MW, Wapner RJ, Varner MW, **Rouse DJ**, et al. Timing of Treatment Initiation for Mild Gestational Diabetes and Perinatal Outcomes. *Am J Obstet Gynecol.* 2015; 213(4): 560.e1-8. doi: 10.1016/j.ajog.2015.06.022. PMID: 26071920.

204. Palatnik A, **Rouse DJ**, Stamilio DM, McPherson JA, Grobman WA. Association between Cerebral Palsy or Death and Umbilical Cord Blood Magnesium Concentration. *Am J Perinatol.* 2015. 32(13): 1263-7. doi: 10.1055/s-0035-1554798. PMID: 26058371.
205. Grobman WA, Bailit JL, Rice MM, Wapner RJ, Reddy UM, Varner MW, Thorp JM Jr, Leveno KJ, Caritis SN, Iams JD, Tita AT, Saade G, **Rouse DJ**, et al. Racial and ethnic disparities in maternal morbidity and obstetric care. *Obstet Gynecol.* 2015; 125: 1460-7. doi: 10.1097/AOG.0000000000000735. PMID: 26000518.
206. Belfort MA, Saade GR, Thom E, Blackwell SC, Reddy UM, Thorp JM Jr, Tita AT, Miller RS, Peaceman AM, McKenna DS, Chien EK, **Rouse DJ**, Gibbs RS, El-Sayed YY, Sorokin Y, Caritis SN, VanDorsten JP. A Randomized Trial of Intrapartum Fetal ECG ST-Segment Analysis. *N Engl J Med.* 2015; 13: 373(7):632-41.
207. Hirtz DG, Weiner SJ, Bulas D, DiPietro M, Seibert J, **Rouse DJ**, Mercer BM, Varner MW, Reddy UM, Iams JD, Wapner RJ, Sorokin Y, Thorp JM Jr, Ramin SM, Malone FD, Carpenter MW, O'Sullivan MJ, Peaceman AM, Hankins GD, Dudley D, Caritis SN. Antenatal Magnesium and Cerebral Palsy in Preterm Infants. *J Pediatr.* 2015 Aug. 167(4):834-839.e3. doi: 10.1016/j.jpeds.2015.06.067.
208. Mainiero AD, **Rouse DJ**, Lopes V, Hughes BL. Association of 17 $\alpha$ -Hydroxyprogesterone Caproate and Risk of Infection. *Obstet Gynecol.* 2015; 126:103-8.
209. Dahlke JD, Mendez-Figueroa H, Maggio L, Hauspurg AK, Sperling JD, Chauhan SP, **Rouse DJ**. Prevention and management of postpartum hemorrhage: a comparison of 4 national guidelines. *Am J Obstet Gynecol.* 2015; 213: 76.e1-10.
210. Werner EF, Hauspurg AK, Rouse DJ. A Cost-Benefit Analysis of Low-Dose Aspirin Prophylaxis for the Prevention of Preeclampsia in the United States. *Obstetrics and gynecology.* 2015; 126(6):1242-50. PMID: 26551178.
211. Reddy UM, Rice MM, Grobman WA, Bailit JL, Wapner RJ, Varner MW, Thorp JM Jr, Leveno KJ, Caritis SN, Prasad M, Tita AT, Saade GR, Sorokin Y, **Rouse DJ**, Blackwell SC, Tolosa JE. Serious maternal complications after early preterm delivery (24-33 weeks' gestation). *Am J Obstet Gynecol.* 2015. 213(4):538.e1-9. PMID: 26164696.
212. Borowski KS, Clark EA, Lai Y, Wapner RJ, Sorokin Y, Peaceman AM, Iams JD, Leveno KJ, Harper M, Caritis SN, Miodovnik M, Mercer BM, Thorp JM Jr, O'Sullivan MJ, Ramin SM, Carpenter MW, **Rouse DJ**, Sibai B. Neonatal Genetic Variation in Steroid Metabolism and Key Respiratory Function Genes and Perinatal Outcomes in Single and Multiple Courses of Corticosteroids. *American journal of perinatology.* 2015; 32(12):1126-32. NIHMSID: NIHMS771190 PubMed [journal] PMID: 26445141.
213. Blumenfeld YJ, **Rouse DJ**. Reply: To PMID 21210485. *Journal of ultrasound in medicine: official journal of the American Institute of Ultrasound in Medicine.* 2015; 34(4):743. PMID: 25792594.
214. Manuck TA, Rice MM, Bailit JL, Grobman WA, Reddy UM, Wapner RJ, Thorp JM, Caritis SN, Prasad M, Tita AT, Saade GR, Sorokin Y, **Rouse DJ**, et al. Eunice Kennedy Shriver National Institute of Child Health and Human Development Maternal-Fetal Medicine Units (MFMU) Network. Preterm Neonatal Morbidity and Mortality by Gestational Age: A Contemporary Cohort. *Am J Obstet Gynecol.* 2016; 215(1):103.e1-103.e14. PMID: 26772790.
215. Albright CM, Mehta ND, **Rouse DJ**, Hughes BL. Sepsis in Pregnancy: Identification and Management. *J Perinat Neonatal Nurs.* 2016; 30(2): 95-105. PMID: 26825620.
216. Gyamfi-Bannerman C, Thom EA, Blackwell SC, Tita AT, Reddy UM, Saade GR, **Rouse DJ**, McKenna DS, Clark EA, Thorp JM Jr, Chien EK, Peaceman AM, Gibbs RS, Swamy GK, Norton ME, Casey BM, Caritis SN, Tolosa JE, Sorokin Y, VanDorsten JP, Jain L; Antenatal Betamethasone for Women at Risk for Late Preterm Delivery. NICHD Maternal-Fetal Medicine Units Network. *N Engl J Med.* 2016; 375(5): 486-87. PMID: 26842679.

217. Langen ES, Weiner SJ, Bloom SL, **Rouse DJ**, Varner MW, Reddy UM, Ramin SM, Caritis SN, Peaceman AM, Sorokin Y, Sciscione A, Carpenter MW, Mercer BM, Thorp JM Jr, Malone FD, Iams JD; Eunice Kennedy Shriver National Institute of Child Health and Human Development (NICHD) Maternal-Fetal Medicine Units (MFMU) Network. Association of Cervical Effacement with the Rate of Cervical Change in Labor Among Nulliparous Women. *Obstet Gynecol.* 2016 Mar; 127(3): 489-95. PMID: 26855099.
218. Grobman WA, Bailit J, Lai Y, Reddy UM, Wapner RJ, Varner MW, Caritis SN, Prasad M, Tita AT, Saade G, Sorokin Y, **Rouse DJ**, Blackwell SC, Tolosa JE; Eunice Kennedy Shriver National Institute of Child Health and Human Development (NICHD) Maternal-Fetal Medicine Units (MFMU) Network. Association of the Duration of Active Pushing with Obstetric Outcomes. *Obstet Gynecol.* 2016 Apr; 127(4): 667-73. PMID: 26959213.
219. Rice MM, Landon MB, Varner MW, Casey BM, Reddy UM, Wapner RJ, **Rouse DJ**, Biggio JR Jr, Thorp JM Jr, Chien EK, Saade G, Peaceman AM, Blackwell SC, VanDorsten JP; Eunice Kennedy Shriver National Institute of Child Health and Human Development (NICHD) Maternal-Fetal Medicine Units Network (MFMU). Pregnancy-Associated Hypertension in Glucose-Intolerant Pregnancy and Subsequent Metabolic Syndrome. *Obstet Gynecol.* 2016 Apr; 127(4): 771-9. PMID: 26959208.
220. Combs CA, Schuit E, Caritis SN, Lim AC, Garite TJ, Maurel K, **Rouse D**, Thom E, Tita AT, Mol B; Global Obstetrics Network (GONet) collaboration. 17-Hydroxyprogesterone caproate in triplet pregnancy: an individual patient data meta-analysis. *BJOG.* 2016 Apr; 123(5): 682-90. PMID: 26663620.
221. Bailit JL, Grobman WA, Rice MM, Wapner RJ, Reddy UM, Varner MW, Thorp JM Jr, Caritis SN, Iams JD, Saade G, **Rouse DJ**, Tolosa JE; Eunice Kennedy Shriver National Institute of Child Health and Human Development Maternal-Fetal Medicine Units Network. Evaluation of delivery options for second-stage events. *Am J Obstet Gynecol.* 2016 May; 214(5): 638.e1-638.e10. PMID: 26596236.
222. Grobman WA, Lai Y, Iams JD, Reddy UM, Mercer BM, Saade G, Tita AT, **Rouse DJ**, Sorokin Y, Wapner RJ, Leveno KJ, Blackwell SC, Esplin MS, Tolosa JE, Thorp JM, Caritis SN; Eunice Kennedy Shriver National Institute of Child Health and Human Development Maternal-Fetal Medicine Units Network. Prediction of Spontaneous Preterm Birth Among Nulliparous Women With a Short Cervix. *J Ultrasound Med.* 2016 Jun; 35(6): 1293-7. PMID: 27151903.
223. Cheong-See F, Schuit E, Arroyo-Manzano D, Khalil A, Barrett J, Joseph KS, Asztalos E, Hack K, Lewi L, Lim A, Liem S, Norman JE, Morrison J, Combs CA, Garite TJ, Maurel K, Serra V, Perales A, Rode L, Worda K, Nassar A, Aboulghar M, **Rouse D**, Thom E, Breathnach F, Nakayama S, Russo FM, Robinson JN, Dodd JM, Newman RB, Bhattacharya S, Tang S, Mol BW, Zamora J, Thilaganathan B, Thangaratinam S; Global Obstetrics Network (GONet) Collaboration. Prospective risk of stillbirth and neonatal complications in twin pregnancies: systematic review and meta-analysis. *BMJ.* 2016 Sep 6;354:i4353. doi: 0.1136/bmj.i4353. PMID: 27599496.
224. Yee LM, Sandoval G, Bailit J, Reddy UM, Wapner RJ, Varner MW, Caritis SN, Prasad M, Tita AT, Saade G, Sorokin Y, **Rouse DJ**, Blackwell SC, Tolosa JE; Eunice Kennedy Shriver National Institute of Child Health and Human Development (NICHD) Maternal-Fetal Medicine Units (MFMU) Network. Maternal and Neonatal Outcomes With Early Compared With Delayed Pushing Among Nulliparous Women. *Obstet Gynecol.* Nov 2016; 128(5): 1039-1047. PMID: 27741203.
225. Nelson KB, Sartwelle TP, **Rouse DJ**. Electronic fetal monitoring, cerebral palsy, and caesarean section: assumptions versus evidence. *BMJ.* 2016 Dec; 355: i6405. doi: 10.1136/bmj.i6405. PMID: 27908902.
226. Blackwell SC, Landon MB, Mele L, Reddy UM, Casey BM, Wapner RJ, Varner MW, **Rouse DJ**, et al.; Eunice Kennedy Shriver National Institute of Child Health and Human Development (NICHD) Maternal-Fetal Medicine Units (MFMU) Network. Relationship Between Excessive Gestational Weight Gain and Neonatal Adiposity in Women With Mild Gestational Diabetes Mellitus. *Obstet Gynecol.* 2016 Dec; 128(6): 1325-1332. PMID: 27824768.



227. Varner MW, Rice MM, Landon MB, Casey BM, Reddy UM, Wapner RJ, **Rouse DJ**, et al.; Eunice Kennedy Shriver National Institute of Child Health and Human Development (NICHD) Maternal-Fetal Medicine Units (MFMU) Network. Pregnancies After the Diagnosis of Mild Gestational Diabetes Mellitus and Risk of Cardiometabolic Disorders. *Obstet Gynecol.* 2017 Feb; 129(2): 273-280. PMID: 28079773.
228. Casey BM, Thom EA, Peaceman AM, Varner MW, Sorokin Y, Hirtz DG, Reddy UM, Wapner RJ, Thorp JM Jr, Saade G, Tita AT, **Rouse DJ**, Sibai B, Iams JD, Mercer BM, Tolosa J, Caritis SN, VanDorsten JP; Eunice Kennedy Shriver National Institute of Child Health and Human Development Maternal-Fetal Medicine Units Network. Treatment of Subclinical Hypothyroidism or Hypothyroxinemia in Pregnancy. *N Engl J Med.* 2017 Mar; 376(9): 815-825. PMID: 28249134.
229. Datkhaeva I, Dray D, Has P, Stifani B, Hughes BL, **Rouse DJ**. Uptake of a Guideline for the Administration of a Rescue Course of Antenatal Corticosteroids. *Obstet Gynecol.* 2017 Apr. 129(4): 720-726. PMID: 28277360.
230. Froehlich RJ, Maggio L, Has P, Werner EF, **Rouse DJ**. Evaluating the Performance of Ultrasound Screening for Congenital Heart Disease: A Descriptive Cohort Study. *Am J Perinatol.* 2017 Jul; 34(9): 905-910. Doi: 10.1055/s-0037-1601309. PMID: 28301892.
231. Bustos ML, Caritis SN, Jablonski KA, Reddy UM, Sorokin Y, Thorp JM Jr, Varner MW, Wapner RJ, Iams JD, Carpenter MW, Peaceman AM, Mercer BM, Sciscione A, **Rouse DJ**, Ramin SM; Eunice Kennedy Shriver National Institute of Child Health and Human Development (NICHD) Maternal-Fetal Medicine Units (MFMU) Network. The association between cytochrome P450 3A, progesterone receptor polymorphisms, plasma 17-OHPC concentrations, and spontaneous preterm birth. *Am J Obstet Gynecol.* 2017 Sept; 217(3): 369.e1-369.e9. doi: 10.1016/j.ajog.2017.05.019. PMID: 28522317.
232. Chauhan SP, Rice MM, Grobman WA, Bailit J, Reddy UM, Wapner RJ, Varner MW, Thorp JM Jr, Leveno KJ, Caritis SN, Prasad M, Tita ATN, Saade G, Sorokin Y, **Rouse DJ**, Tolosa JE; MSCE, for the Eunice Kennedy Shriver National Institute of Child Health and Human Development (NICHD) Maternal-Fetal Medicine Units (MFMU) Network. Neonatal Morbidity of Small- and Large-for-Gestational-Age Neonates Born at Term in Uncomplicated Pregnancies. *Obstet Gynecol.* 2017 Sep; 130(3): 511-19. doi: 10.1097/AOG.0000000000002199. PMID: 28796674.
233. Albright CM, Has P, **Rouse DJ**, Hughes BL. Internal Validation of the Sepsis in Obstetrics Score to Identify Risk of Morbidity From Sepsis in Pregnancy. *Obstet Gynecol.* 2017 Oct. 130(4): 747-755. doi: 10.1097/AOG.0000000000002260. PMID: 28885400.
234. Hughes BL, Gans KM, Raker C, Hipolito ER, **Rouse DJ**. A Brief Prenatal Intervention of Behavioral Change to Reduce the Risk of Maternal Cytomegalovirus: A Randomized Controlled Trial. *Obstet Gynecol.* 2017 Oct. 130(4): 726-734. doi: 10.1097/AOG.0000000000002216. PMID: 28885428.
235. Saade GR, Thom EA, Grobman WA, Iams JD, Mercer BM, Reddy UM, Tita ATN, **Rouse DJ**, Sorokin Y, Wapner RJ, Leveno KJ, Blackwell SC, Sean Esplin M, Tolosa JE, Thorp JM, Caritis SN, Peter VanDorsten J; Eunice Kennedy Shriver National Institute of Child Health and Human Development Maternal-Fetal Medicine Units (MFMU) Network. Cervical funneling or intra-amniotic debris and preterm birth among nulliparous women with a midtrimester cervical length less than 30 mm. *Ultrasound Obstet Gynecol.* 2017 Nov; doi: 10.1002/uog.18960 [Epub ahead of print]. PMID: 29155504.
236. Yee LM, Costantine MM, Rice MM, Bailit J, Reddy UM, Wapner RJ, Varner MW, Thorp JM Jr, Caritis SN, Prasad M, Tita ATN, Sorokin Y, **Rouse DJ**, Blackwell SC, Tolosa JE; Eunice Kennedy Shriver National Institute of Child Health and Human Development (NICHD) Maternal-Fetal Medicine Units (MFMU) Network. Racial and Ethnic Differences in Utilization of Labor Management Strategies Intended to Reduce Cesarean Delivery Rates. *Obstet Gynecol.* 2017 Dec; 130(6): 1285-1294. doi: 10.1097/AOG.0000000000002343. PMID: 29112649.

237. Grobman WA, Bailit J, Lai Y, Reddy UM, Wapner RJ, Varner MW, Thorp JM Jr, Leveno KJ, Caritis SN, Prasad M, Tita ATN, Saade G, Sorokin Y, **Rouse DJ**, Blackwell SC, Tolosa JE; Eunice Kennedy Shriver National Institute of Child Health and Human Development Maternal-Fetal Medicine Units (MFMU) Network. Defining failed induction of labor. *Am J Obstet Gynecol*. 2018 Jan; 218(1): 122.e1-122.e8. doi: 10.1016/j.ajog.2017.11.556. PMID: 29138035.
238. Grobman WA, Bailit J, Sandoval G, Reddy UM, Wapner RJ, Varner MW, Thorp JM Jr, Caritis SN, Prasad M, Tita ATN, Saade GR, Sorokin Y, **Rouse DJ**, Blackwell SC, Tolosa JE; Eunice Kennedy Shriver National Institute of Child Health and Human Development Maternal-Fetal Medicine Units (MFMU) Network. The Association of Decision-to-Incision Time for Cesarean Delivery with Maternal and Neonatal Outcomes. *Am J Perinatol*. 2018 Feb; 35(3): 247-253. doi: 10.1055/s-0037-1606641. PMID: 28915515.
239. Rice MM, Landon MB, Varner MW, Casey BM, Reddy UM, Wapner RJ, **Rouse DJ**, Tita ATN, Thorp JM Jr, Chien EK, Saade G, Peaceman AM, Blackwell SC; Eunice Kennedy Shriver National Institute of Child Health and Human Development (NICHD) Maternal-Fetal Medicine Units (MFMU) Network. Pregnancy-Associated Hypertension and Offspring Cardiometabolic Health. *Obstet Gynecol*. 2018 Feb; 131(2): 313-321. doi: 10.1097/AOG.0000000000002433. PMID: 29324603.
240. Hehir MP, **Rouse DJ**, Miller RS, Ananth CV, Wright JD, Siddiq Z, D'Alton ME, Friedman AM. Second-Stage Duration and Outcomes Among Women Who Labored After a Prior Cesarean Delivery. *Obstet Gynecol*. 2018 Mar; 131(3): 514-522. doi: 10.1097/AOG.0000000000002478. PMID: 29420394.
241. Pasko DN, McGee P, Grobman WA, Bailit JL, Reddy UM, Wapner RJ, Varner MW, Thorp JM Jr, Leveno KJ, Caritis SN, Prasad M, Saade G, Sorokin Y, **Rouse DJ**, Blackwell SC, Tolosa JE; Eunice Kennedy Shriver National Institute of Child Health and Human Development (NICHD) Maternal-Fetal Medicine Units (MFMU) Network. Variation in the Nulliparous, Term, Singleton, Vertex Cesarean Delivery Rate. *Obstet Gynecol*. 2018 Jun; 131(6):1039-1048. doi: 10.1097/AOG.0000000000002636. PMID: 29742665.
242. Sudhof LS, Has P, **Rouse DJ**, Hughes BL. Choice of Trial of Labor after Cesarean and Association with Likelihood of Success. *Am J Perinatol*. 2018 Feb 8; 35(9): 892-897. doi: 10.1055/s-0038-1626714. PMID: 29421833.
243. Landon MB, Mele L, Varner MW, Casey BM, Reddy UM, Wapner RJ, **Rouse DJ**, Tita ATN, Thorp JM, Chien EK, Saade G, Grobman W, Blackwell SC, VanDorsten JP; Eunice Kennedy Shriver National Institute of Child Health and Human Development Maternal-Fetal Medicine Units (MFMU) Network. The relationship of maternal glycemia to childhood obesity and metabolic dysfunction‡. *J Matern Fetal Neonatal Med*. 2018 Jul 18:1-9. doi: 10.1080/14767058.2018.1484094. PMID: 30021494.
244. Grobman WA, Rice MM, Reddy UM, Tita ATN, Silver RM, Mallett G, Hill K, Thom EA, El-Sayed YY, Perez-Delboy A, **Rouse DJ**, Saade GR, Boggess KA, Chauhan SP, Iams JD, Chien EK, Casey BM, Gibbs RS, Srinivas SK, Swamy GK, Simhan HN, Macones GA; Eunice Kennedy Shriver National Institute of Child Health and Human Development Maternal-Fetal Medicine Units Network. Labor Induction versus Expectant Management in Low-Risk Nulliparous Women. *N Engl J Med*. 2018 Aug 9; 379(6):513-523. doi: 10.1056/NEJMoa1800566. PMID: 30089070.
245. Clark EAS, Weiner SJ, **Rouse DJ**, Mercer BM, Reddy UM, Iams JD, Wapner RJ, Sorokin Y, Malone FD, O'Sullivan MJ, Peaceman AM, Hankins GDV, Dudley DJ, Caritis SN; Eunice Kennedy Shriver National Institute of Child Health Human Development Maternal-Fetal Medicine Units (MFMU) Network. Genetic Variation, Magnesium Sulfate Exposure, and Adverse Neurodevelopmental Outcomes Following Preterm Birth. *Am J Perinatol*. 2018 Aug; 35(10): 1012-1022. doi: 10.1055/s-0038-1635109. PMID: 29510423.

246. Tita ATN, Jablonski KA, Bailit JL, Grobman WA, Wapner RJ, Reddy UM, Varner MW, Thorp JM Jr, Leveno KJ, Caritis SN, Iams JD, Saade G, Sorokin Y, **Rouse DJ**, Blackwell SC, Tolosa JE; Eunice Kennedy Shriver National Institute of Child Health and Human Development Maternal-Fetal Medicine Units Network. Neonatal outcomes of elective early-term births after demonstrated fetal lung maturity. *Am J Obstet Gynecol*. 2018 Sep;219(3):296.e1-296.e8. doi: 10.1016/j.ajog.2018.05.011. PMID: 29800541.
247. Varner MW, Mele L, Casey BM, Peaceman AM, Sorokin Y, Reddy UM, Wapner RJ, Thorp JM, Saade GR, Tita ATN, **Rouse DJ**, Sibai B, Iams JD, Mercer BM, Tolosa J, Caritis SN; Eunice Kennedy Shriver National Institute of Child Health and Human Development Maternal-Fetal Medicine Units Network. Thyroid function in neonates of women with subclinical hypothyroidism or hypothyroxinemia. *J Perinatol*. 2018 Sept. doi: 10.1038/s41372-018-0213-9. PMID: 30185931.
248. Dahlke JD, Sperling JD, Has P, Lovgren TR, Connealy BD, **Rouse DJ**. Peripartum Morbidity after Cesarean Delivery for Arrest of Dilation at 4 to 5 cm Compared with 6 to 10 cm. *Am J Perinatol*. 2018 Oct;35(12):1173-1177. doi: 10.1055/s-0038-1642063. PMID: 29689578.
249. Kominiarek MA, Saade G, Mele L, Bailit J, Reddy UM, Wapner RJ, Varner MW, Thorp JM Jr, Caritis SN, Prasad M, Tita ATN, Sorokin Y, **Rouse DJ**, Blackwell SC, Tolosa JE; Eunice Kennedy Shriver National Institute of Child Health and Human Development (NICHD) Maternal-Fetal Medicine Units (MFMU) Network. Association Between Gestational Weight Gain and Perinatal Outcomes. *Obstet Gynecol*. 2018 Oct;132(4):875-881. doi: 10.1097/AOG.0000000000002854. PMID: 30204701.
250. Chauhan SP, Weiner SJ, Saade GR, Belfort MA, Reddy UM, Thorp JM Jr, Tita ATN, Miller RS, Dinsmoor MJ, McKenna DS, Stetzer B, **Rouse DJ**, Gibbs RS, El-Sayed YY, Sorokin Y, Caritis SN; Eunice Kennedy Shriver National Institute of Child Health and Human Development (NICHD) Maternal-Fetal Medicine Units (MFMU) Network. Intrapartum Fetal Heart Rate Tracing Among Small-for-Gestational Age Compared With Appropriate-for-Gestational-Age Neonates. *Obstet Gynecol*. 2018 Oct;132(4):1019-1025. doi: 10.1097/AOG.0000000000002855. PMID: 30204687.
251. Kominiarek MA, Smid MC, Mele L, Casey BM, Sorokin Y, Reddy UM, Wapner RJ, Thorp JM Jr, Saade GR, Tita ATN, **Rouse DJ**, Sibai B, Iams JD, Mercer BM, Tolosa J, Caritis SN; Eunice Kennedy Shriver National Institute of Child Health and Human Development (NICHD) Maternal-Fetal Medicine Units Network (MFMU). Child Neurodevelopmental Outcomes by Prepregnancy Body Mass Index and Gestational Weight Gain. *Obstet Gynecol*. 2018 Dec;132(6):1386-1393. doi: 10.1097/AOG.0000000000002974. PMID: 30399108.
252. Yee LM, McGee P, Bailit JL, Reddy UM, Wapner RJ, Varner MW, Thorp JM Jr, Leveno KJ, Caritis SN, Prasad M, Tita ATN, Saade G, Sorokin Y, **Rouse DJ**, Blackwell SC, Tolosa JE; Eunice Kennedy Shriver National Institute of Child Health and Human Development (NICHD) Maternal-Fetal Medicine Units (MFMU) Network. Daytime Compared With Nighttime Differences in Management and Outcomes of Postpartum Hemorrhage. *Obstet Gynecol*. 2019 Jan;133(1):155-162. doi: 10.1097/AOG.0000000000003033. PMID: 30531567.
253. Price JT, Vwalika B, Freeman BL, Cole SR, Mulenga HB, Winston J, Mbewe FM, Chomba E, Mofenson LM, **Rouse DJ**, Goldenberg RL, Stringer JSA. Intramuscular 17-hydroxyprogesterone caproate to prevent preterm birth among HIV-infected women in Zambia: study protocol of the IPOP randomized trial. *BMC Pregnancy Childbirth*. 2019 Feb;19(1):81. doi: 10.1186/s12884-019-2224-8. PMID: 30813934.
254. Albright CM, Spillane TE, Hughes BL, **Rouse DJ**. A Regression Model for Prediction of Cesarean-Associated Blood Transfusion. *Am J Perinatol*. 2019. doi: 10.1055/s-0039-1678604. [Ahead of print].
255. Varner MW, Costantine MM, Jablonski KA, **Rouse DJ**, Mercer BM, Leveno KJ, Reddy UM, Buhimschi C, Wapner RJ, Sorokin Y, Thorp JM, Ramin SM, Malone FD, Carpenter M, O'sullivan MJ, Peaceman AM, Dudley DJ, Caritis SN; Eunice Kennedy Shriver National Institute of Child Health and Human Development Maternal-Fetal Medicine Units Network. Sex-Specific Genetic Susceptibility To Adverse Neurodevelopmental Outcome in Offspring of Pregnancies at Risk of Early Preterm Delivery. *Am J Perinatol*. 2019 Feb. doi: 10.1055/s-0039-1678535. [Epub ahead of print] PMID: 30731481.

256. Werner EF, Romano ME, **Rouse DJ**, Sandoval G, Gyamfi-Bannerman C, Blackwell SC, Tita ATN, Reddy UM, Jain L, Saade GR, Iams JD, Clark EAS, Thorp JM Jr, Chien EK, Peaceman AM, Swamy GK, Norton ME, Casey BM, Caritis SN, Tolosa JE, Sorokin Y; Eunice Kennedy Shriver National Institute of Child Health and Human Development (NICHD) Maternal-Fetal Medicine Units Network (MFMU)\*. Association of Gestational Diabetes Mellitus With Neonatal Respiratory Morbidity. *Obstet Gynecol.* 2019 Feb;133(2):349-353. doi: 10.1097/AOG.0000000000003053. PMID: 30633135.
257. Miller ES, Lai Y, Bailit J, Reddy UM, Wapner RJ, Varner MW, Thorp JM Jr, Leveno KJ, Caritis SN, Prasad M, Tita ATN, Saade GR, Sorokin Y, **Rouse DJ**, Blackwell SC, Tolosa JE; Eunice Kennedy Shriver National Institute of Child Health Human Development Maternal-Fetal Medicine Units Network\*. Duration of Operative Vaginal Delivery and Adverse Obstetric Outcomes. *Am J Perinatol.* 2019 Mar. doi: 10.1055/s-0039-1683439. [Epub ahead of print].
258. Buhimschi CS, Jablonski KA, **Rouse DJ**, Varner MW, Reddy UM, Mercer BM, Leveno KJ, Wapner RJ, Sorokin Y, Thorp JM Jr, Ramin SM, Malone FD, Carpenter MW, O'Sullivan MJ, Peaceman AM, Saade GR, Dudley D, Caritis SN, Buhimschi IA, Eunice Kennedy Shriver National Institute of Child Health and Human Development Maternal-Fetal Medicine Units Network. Cord Blood Haptoglobin, Cerebral Palsy and Death in Infants of Women at Risk for Preterm Birth: A Secondary Analysis of a Randomised Controlled Trial. March 2019. doi: <https://doi.org/10.1016/j.eclinm.2019.03.009> available online: [https://www.thelancet.com/journals/eclinm/article/PIIS2589-5370\(19\)30049-5/fulltext](https://www.thelancet.com/journals/eclinm/article/PIIS2589-5370(19)30049-5/fulltext).
259. Casey BM, Rice MM, Landon MB, Varner MW, Reddy UM, Wapner RJ, **Rouse DJ**, Biggio JR Jr, Thorp JM Jr, Chien EK, Saade GR, Peaceman AM, Blackwell SC, Van Dorsten JP; Eunice Kennedy Shriver National Institute of Child Health and Human Development Maternal-Fetal Medicine Units (MFMU) Network. Effect of Treatment of Mild Gestational Diabetes on Long-Term Maternal Outcomes. *Am J Perinatol.* 2019 Mar 13. doi: 10.1055/s-0039-1681058. [Epub ahead of print].
260. Gyamfi-Bannerman C, Zupancic JAF, Sandoval G, Grobman WA, Blackwell SC, Tita ATN, Reddy UM, Jain L, Saade GR, **Rouse DJ**, Iams JD, Clark EAS, Thorp JM Jr, Chien EK, Peaceman AM, Gibbs RS, Swamy GK, Norton ME, Casey BM, Caritis SN, Tolosa JE, Sorokin Y, VanDorsten JP; Eunice Kennedy Shriver National Institute of Child Health and Human Development Maternal-Fetal Medicine Units Network. Cost-effectiveness of Antenatal Corticosteroid Therapy vs No Therapy in Women at Risk of Late Preterm Delivery: A Secondary Analysis of a Randomized Clinical Trial. *JAMA Pediatr.* 2019 Mar 11. doi: 10.1001/jamapediatrics.2019.0032. [Epub ahead of print] PMID: 30855640.
261. Hamel MS, Kanno LM, Has P, Beninati MJ, **Rouse DJ**, Werner EF. Intrapartum Glucose Management in Women With Gestational Diabetes Mellitus: A Randomized Controlled Trial. *Obstet Gynecol.* 2019 Jun;133(6):1171-1177. doi: 10.1097/AOG.0000000000003257. PMID: 31135731.
262. Mallampati D, Grobman W, **Rouse DJ**, Werner EF. Strategies for Prescribing Aspirin to Prevent Preeclampsia: A Cost-Effectiveness Analysis. *Obstet Gynecol.* 2019 Sep;134(3):537-544. doi: 10.1097/AOG.0000000000003413. PMID: 31403606.
263. Plunkett BA, Sandoval G, Bailit JL, Reddy UM, Wapner RJ, Varner MW, Thorp JM Jr, Caritis SN, Prasad M, Tita ATN, Saade GR, Sorokin Y, **Rouse DJ**, Blackwell SC, Tolosa JE; Eunice Kennedy Shriver National Institute of Child Health and Human Development (NICHD) Maternal-Fetal Medicine Units (MFMU) Network. Association of Labor with Neonatal Respiratory Outcomes at 36-40 Weeks of Gestation. *Obstet Gynecol.* 2019 Sep;134(3):495-501. doi: 10.1097/AOG.0000000000003415. PMID: 31403604.

## OTHER PEER-REVIEWED PUBLICATIONS

1. Goldenberg RL, **Rouse DJ**. Preterm birth, cerebral palsy and magnesium. *Nature Med* 1997;3:146-7.

2. Goldenberg RL, **Rouse DJ**. Prevention of premature birth. *N Engl J Med* 1998;339:313-20.
3. **Rouse DJ**. ACOG Practice Bulletin #9, October 1999. Antepartum Fetal Surveillance.
4. Kimberlin D, **Rouse DJ**. Genital Herpes. *N Engl J Med* 2004;350:1970-7.
5. **Rouse DJ**. Magnesium sulfate for the prevention of cerebral palsy. *Am J Obstet Gynecol* 2009; 200: 610-612.
6. **Rouse DJ**. Gestational diabetes. Marrying new guidelines. *Am J Obstet Gynecol* 2011; 204:5, 371-72.
7. Albright C, **Rouse DJ**. Adhesion Barriers at Cesarean Delivery: Advertising Compared with the Evidence. *Obstet Gynecol* 2011; 118:1, 157-60.
8. **Rouse DJ**. Magnesium sulfate for fetal neuroprotection. *Am J Obstet Gynecol*. 2011 Oct; 205:296-7.
9. ACOG-SMFM Obstetric Care Consensus: Safe prevention of the primary cesarean delivery. Caughey AB, Cahill AG, Guise JM, **Rouse DJ**. March 2014.
10. **Rouse DJ**. ACOG Practice Bulletin #145, July 2015. Antepartum Fetal Surveillance.
11. **Rouse DJ**, Keimig TW, Riley LE, Letourneau AR, Platt MY. CASE RECORDS of the MASSACHUSETTS GENERAL HOSPITAL. Case 16-2016. A 31-Year-Old Pregnant Woman with Fever. *N Engl J Med*. 2016 May; 374 (21): 2076-83. PMID: 27223150.

## LETTERS TO THE EDITOR

1. **Rouse DJ**, Andrews WW. Reply to Nunns, D. *Obstet Gynecol* 1995;86:868.
2. Gardner MO, **Rouse DJ**. Reductions in cost and cesarean rate by routine use of external cephalic version: A decision analysis. *Obstet Gynecol* 1995;86:476-7.
3. **Rouse DJ**, Owen J. On the use of surrogate endpoints for the calculations of the false positive rate of antenatal testing. *Am J Obstet Gynecol* 1996;175:756-7.
4. Fargason CA Jr, Peralta-Carcelen M, **Rouse DJ**, Cutter GR, Goldenberg RL. Reply to O'Brien KL, et al. *Obstet Gynecol* 1997;91:156-7.
5. Grether J, Hirtz D, McNellis D, Nelson K, **Rouse DJ**. Reply to: Mittendorf R, Covert R, Boman J, Khoshnood B, Lee K-S, Siegler M. Is tocolytic magnesium sulphate associated with increased total paediatric mortality? *Lancet* 1998;351: 292.
6. Goldenberg RL, **Rouse DJ**. Reply to McGregor J, et al. Prevention of preterm birth. *N Engl J Med* 1998; 339;1861.
7. **Rouse DJ**, Hirtz DG, Thom E. Association between use of antenatal magnesium sulfate in preterm labor and adverse health outcomes in infants. *Am J Obstet Gynecol* 2003;188:295.
8. Howard RJ, Straughn JM Jr, Huh WK, **Rouse DJ**. Pelvic umbrella pack for refractory obstetrical hemorrhage secondary to posterior uterine rupture. (Reply Letter to the Editor). *Obstet Gynecol* 2003;101:617.
9. **Rouse DJ**, Stringer JSA. Cesarean delivery and risk of herpes simplex virus infection. *JAMA* 2003; 289:2208.
10. **Rouse DJ**, Thom EA, Spong, CY. Reply to O'Brien. Progesterone and preterm birth. *N Engl J Med* 2007; 357; 2307.
11. **Rouse DJ**, Hirtz D, Thom E. Reply to Mittendorf and Pryde. *N Engl J Med* 2009; 360: 190.
12. Bates E, **Rouse DJ**, Tita AT. Reply to Jelsema. *Obstet Gynecol* 2011;117:1229.
13. Doyle L, Crowther C, Middleton P, Voysey M, Marret S, **Rouse D**. Antenatal magnesium sulphate to prevent cerebral palsy in very preterm infants. *BJOG*. 2011;118:891-2.

14. Anderson BL, **Rouse DJ**. Letter to the editor. *Clin Infect Dis*. 2012. 1166.
15. Sibai BM, **Rouse DJ**. In Reply. *Obstet Gynecol*. 2017 Feb; 129 (2): 382-383.
16. Nelson KB, Sartwelle TP, **Rouse DJ**. Authors' reply to Lees. *BMJ*. 2017 Feb; 356: j835.
17. Hamel MS, Hughes BL, **Rouse DJ**. Reply: To PMID 24412117. *American journal of obstetrics and gynecology*. 2015; 212(3):410. PMID: 25446704.

## BOOKS AND BOOK CHAPTERS

### BOOKS

1. Guest Editor, Symposium on Evidence-Based Obstetrics and Gynecology. *Clin Obstet Gynecol*, June 1998.
2. Associate Editor, *Williams Obstetrics*, 22<sup>nd</sup> edition. McGraw-Hill, 2005.
3. Author, *Williams Obstetrics*, 23<sup>rd</sup> edition. McGraw-Hill, 2009.

### BOOK CHAPTERS

1. **Rouse DJ**. Asymptomatic Bacteriuria in Pregnancy. In: Wildschut HIJ, Weiner CP, Peters TJ, eds. *When to Screen in Obstetrics and Gynecology*. London: WB Saunders, 1996.
2. Goldenberg RL, **Rouse DJ**. Interventions to Prevent Prematurity. In: McCormick MC, Siegel JE, eds. *Prenatal Care*. Cambridge: Cambridge University Press, 1999.
3. **Rouse DJ**, St. John E. Normal Labor and Delivery. In: Scott J, Gibbs RS, Karlan B, Haney A, eds. *Danforth's Obstetrics & Gynecology*, 9th edition. Philadelphia: Lippincott Williams & Wilkins, 2003.
4. **Rouse DJ**. Zlatnick FJ. Obstetric Management of Labor and Vaginal Delivery. In: Chestnut DH, ed. *Obstetric Anesthesia: Principles and Practice*, 3rd edition. Philadelphia: W.B. Saunders, 2004.
5. Nuthalapy F, **Rouse DJ**. Asymptomatic Bacteriuria in Pregnancy. In: Wildschut HIJ, Weiner CP, Peters TJ, eds. *When to Screen in Obstetrics and Gynecology*. 2nd Edition. Philadelphia: Saunders Elsevier, 2006.
6. Ramsey P, **Rouse DJ**. Therapies administered to mothers in premature labor and the risk for subsequent brain injury. *Clin in Perinat* 2002;29:725-743.
7. Tita AN, **Rouse DJ**. Obstetric Management of Labor and Vaginal Delivery. In: Chestnut DH, ed. *Obstetric Anesthesia: Principles and Practice*, 4th edition. Philadelphia: Mosby, 2009.
8. Figueroa D, **Rouse DJ**. Location, Mode of Delivery and Intrapartum Issues for the Preterm Gestation. In: Berghella V, ed. *Preterm Birth: Prevention and Management*. Philadelphia: Wiley-Blackwell, 2010.
9. **Rouse DJ**, Prevention of Cerebral Palsy. In: Queenan JT, Hobbins JC, and Spong CY, eds. *Protocols for High-Risk Pregnancies*, 5<sup>th</sup> edition. Hoboken: Wiley-Blackwell, 2010.
10. **Rouse DJ**. Magnesium sulfate for the prevention of cerebral palsy. In: Panteliadis CP, ed. *Cerebral Palsy: A multidisciplinary approach*. 2<sup>nd</sup> Edition. Rockledge, FL. Dusteri-Verlag Inc., 2011.
11. Tita ATN, **Rouse DJ**. Obstetric Management of Labor and Vaginal Delivery. In: Chestnut DH, ed. *Obstetric Anesthesia: Principles and Practice*. 5<sup>th</sup> Edition. Philadelphia: W.B.Saunders, 2014.
12. **Rouse DJ**. Prevention of Cerebral Palsy. In: Queenan JT, Spong CY, Lockwood CJ, eds. *Protocols for High-Risk Pregnancies*, 6<sup>th</sup> edition. Hoboken, NJ: Wiley-Blackwell, 2015.
13. Mendez-Figueroa H, **Rouse DJ**. Trauma in Pregnancy. In: Cunningham FG, Gilstrap LC, Yeomans ER, Hoffman BL. eds. *Operative Obstetrics*. 3<sup>rd</sup> edition. New York: McGraw Hill, 2017.

14. **Rouse DJ.** Magnesium sulfate for the prevention of cerebral palsy. In: Panteliadis CP, ed. *Cerebral Palsy: A multidisciplinary approach*. 3<sup>rd</sup> Edition. Springer International Publishing. 2018.

## OTHER NON-PEER REVIEWED PUBLICATIONS

1. **Rouse DJ,** Owen J. Decision Analysis. In: *Clin Obstet Gynecol*, Pitkin RM, Scott JR, eds. June 1998.
2. **Rouse DJ,** Owen J. Sonography, suspected macrosomia, and prophylactic cesarean: A limited partnership. *Clin Obstet Gynecol* 2000;43:326-34.
3. Ramsey PS, **Rouse DJ.** Magnesium sulfate as a tocolytic agent. *Seminars in Perinatology* 2001;25:236-47.
4. **Rouse DJ.** Vaginal preparation with povidone iodine prior to cesarean section did not reduce postpartum infection. *Evidence-based Obstet Gynecol* 2001;3:186-187.
5. Thom EA, **Rouse DJ.** What we have learned about conducting randomized controlled trials in the NICHD MFMU network. *Sem Perinatol* 2003;27:253-60.
6. **Rouse DJ.** Data Monitoring and Safety Committees and Their Operations. *Ob-Gyn Survey* 2003;58:329-336.
7. **Rouse DJ.** Magnesium sulphate prior to very preterm delivery did not significantly reduce the risks of death and/or cerebral palsy. *Evidence-Based Obstet Gynecol* 2004;6:58-9.
8. Nuthalapaty FS, **Rouse DJ.** The impact of obesity on obstetrical practice and outcome. *Clin Obstet Gynecol* 2004;47:898-913.
9. **Rouse DJ.** Primary prevention of breast cancer: Whither tamoxifen? *Obstet Gynecol* 2004;104:431-2.
10. Lin M, **Rouse DJ.** What is a failed labor induction? *Clin Obstet Gynecol* 2006;49:585-93.
11. Mancuso M, **Rouse DJ.** Cesarean delivery for abnormal labor. *Clin Perinatal* 2008;35: 479-90.
12. **Rouse DJ.** Using magnesium sulfate for fetal neuroprotection. *Contemporary ObGyn.* 2011; 54-60.
13. Chalak LF, **Rouse DJ.** Neuroprotective approaches: before and after delivery. *Clin Perinatol.* 2011; 38:455-70.
14. **Rouse DJ.** The misoprostol vaginal insert: déjà vu all over again. *Obstet Gynecol.* 2013; 122:193-4.
15. **Rouse DJ.** What is new in postpartum hemorrhage? Best articles from the past year. *Obstet Gynecol.* 2013:693-4.
16. **Rouse DJ,** Gibbins KJ. Magnesium sulfate for cerebral palsy prevention. *Semin Perinatol.* 2013;37:414-6.
17. **Rouse, DJ.** A uterus ruptured and a cerclage extruded. *Obstet Gynecol* 2014;123:415-7.
18. Maggio L, **Rouse DJ.** Progesterone. *Clin Obstet Gynecol.* 2014; 57:547-56.
19. **Rouse DJ.** Comment on : Bain ES, Middleton PF, Yelland LN, Ashwood PJ, Crowther CA. Maternal adverse effects with different loading infusion rates of antenatal magnesium sulphate for preterm fetal neuroprotection: the IRIS randomised trial. *BJOG.* 2014;121:595–603.
20. **Rouse D.** Instrument placement is sub-optimal in three of ten attempted operative vaginal deliveries. *BJOG.* 2015; 122:564.
21. **Rouse DJ.** Prophylactic negative pressure wound therapy: we need proof before application. *Obstet Gynecol.* 2015; 125 (2): 297-8.

22. Hickey EA, **Rouse DJ**. Pregnancy and weight gain: we have observed enough. *Obstet Gynecol*. 2015. 125:771-2. doi: 10.1097/AOG.0000000000000770. PMID: 25751225.
23. **Rouse DJ**. Pessary for Twins: If Ever, Not Yet. *Obstet Gynecol*. 2016 Apr; 127 (4): 623-4. PMID: 26959219,
24. **Rouse DJ**, Hirtz D; Eunice Kennedy Shriver National Institute of Child Health and Human Development Maternal-Fetal Medicine Units Network. What we learned about the role of antenatal magnesium sulfate for the prevention of cerebral palsy. *Semin Perinatol*. 2016 Apr; 40(5):303-6. Review. PMID: 27117179.
25. Caritis SN, Feghali MN, Grobman WA, **Rouse DJ**; Eunice Kennedy Shriver National Institute of Child Health and Human Development Maternal-Fetal Medicine Units Network. What we have learned about the role of 17-alpha-hydroxyprogesterone caproate in the prevention of preterm birth. *Semin Perinatol*. 2016 Apr; 40(5):273-80. Review. PMID: 27105940.
26. Sibai BM, **Rouse DJ**. Pharmacologic Thromboprophylaxis in Obstetrics: Broader Use Demands Better Data. *Obstet Gynecol*. 2016 Oct;128(4):681-4. doi: 10.1097/AOG.0000000000001656. PMID: 27607853.
27. **Rouse DJ**. Twins Are Not a Per Se Indication for Cesarean Delivery. *Obstet Gynecol*. 2017 June. 129(6). 974-975. doi: 10.1097/AOG.0000000000002067. PMID: 28486376
28. **Rouse DJ**. What is New in Cesarean Delivery?: Best Articles from the Past Year. *Obstet Gynecol*. 2017 Nov; 130(5): 1152-1154. doi 10.1097/AOG.0000000000002336. PMID: 29016501.
29. **Rouse DJ**, Schorge JO. Of Salpingectomy and Sample Size. *Obstet Gynecol*. 2018 Jul;132(1):18-19. doi: 10.1097/AOG.0000000000002714. No abstract available. PMID: 29889770.
30. Riggs TW, **Rouse DJ**. Noninferiority Complex. *Obstet Gynecol*. 2018 Oct;132(4):833-834. doi: 10.1097/AOG.0000000000002901. No abstract available. PMID: 30211766.
31. **Rouse DJ**. Fewer Cesarean Deliveries and Better Neonatal Outcomes: Having Our Cake and Eating It Too. *Obstet Gynecol*. 2019 Apr; 133(4):611-612. doi: 10.1097/AOG.0000000000003193.
32. Ayala NK, **Rouse DJ**. A Nudge Toward Universal Aspirin for Preeclampsia Prevention. *Obstet Gynecol*. 2019 Apr;133(4):725-728. doi: 10.1097/AOG.0000000000003167. PMID: 30870274.
33. Ayala NK, **Rouse DJ**. Nondefinitive Studies of Labor Induction Methods: Enough Already! *Obstet Gynecol*. 2019 Jul;134(1):7-9. doi: 10.1097/AOG.0000000000003349. No abstract available. PMID: 31188329.

## SCHOLARLY WORK PUBLISHED IN OTHER MEDIA

1. Caritis S, **Rouse DJ**, and Simhan H. The Current Role of Progesterone in Reducing Preterm Delivery. *ACOG Update (Audio)* 2007; 32: #10.
2. Hauth JC, Cunningham FG, **Rouse DJ**. Use of Magnesium in Obstetrics. *ACOG Update (Audio)* 2009; 34: #7.
3. **Rouse DJ**. Magnesium Sulfate for Prevention of Cerebral Palsy. *Audio-Digest Obstetrics/Gynecology* 2014;61(11).
4. **Rouse DJ**. *ACOG Update: "Managing Normal and Abdominal Labor in the 21st Century."* Volume 40; No. 10. Publication Date: April 1, 2015. Published in [www.acogupdate.com](http://www.acogupdate.com).



**INVITED PRESENTATIONS**

<b>Institution/Sponsor/Location</b>	<b>Event/Role</b>	<b>Year</b>
Flushing Hospital, Department of Ob/Gyn Grand Rounds, New York, NY	Invited Speaker	06/1995
Medical Center of Central Massachusetts, Department of Ob/Gyn Grand Rounds, Worcester, MA	Invited Speaker	07/1995
University of Chicago Lying-in Hospital, Chicago, IL	International Conference on Magnesium Sulfate	11/1996
University of Utah, Department of Ob/Gyn Grand Rounds, Salt Lake City, UT	Invited Speaker	03/1997
SMFM/ACOG, San Francisco, CA	Postgraduate Course Faculty	01/1999
University of Utah, Salt Lake City, UT	Maternal-Fetal Medicine Update	03/1999
ACOG, Philadelphia, PA	Annual Clinical Meeting, Postgraduate Course Faculty	05/1999
Université Laval, Quebec City, Canada	Annual OB/GYN Postgraduate Course	09/1999
University of Iowa, Iowa City, IA	Annual OB/GYN Postgraduate Course	10/1999
National Perinatal Association, Milwaukee, WI	Annual Meeting, Invited Speaker	10/1999
SMFM/ACOG, Miami, FL	Postgraduate Course Faculty	01/2000
ACOG, St. Thomas, U.S.V.I	Postgraduate Course Faculty	02/2001
Indiana University, Indianapolis, IN	Visiting Professor	03/2001
Merton College, Oxford, England	Welcome Trust-USAID Conference, Invited Speaker	07/2002
SMFM / ACOG San Francisco, CA	Postgraduate Course Director	02/2003
AAP, Santa Fe, NM	27th Seminar on Perinatal Medicine	06/2004
Emory University, Dept. of Ob-Gyn, Atlanta, GA	Grand Rounds	07/2004
SMFM, Reno, NV	Perinatal Epidemiology Special Interest Group	02/2005
NICHD	Workshop-Infertility Treatment and Adverse Pregnancy Outcome, Invited Speaker	09/2005
NICHD, Aspen, CO	Annual Conference: Maternal-Fetal-Neonatal-Reproductive Medicine, Faculty	08/2006
American College of Obstetricians and Gynecologists, San Diego, CA	Panel Member "Stump the Professors" Annual Clinical Meeting	05/2007
NICHD	Workshop: Antenatal Testing: A Reevaluation, invited participant	08/2007
Wayne State University, Detroit, MI	Visiting Professor	04/2008
Wake Forest University, Winston-Salem, NC	Lock Symposium	10/2008
Hot Topics in Neonatology, Washington, DC	Invited Speaker	12/2008
Georgetown/Washington Hospital Medical Center, Department of Ob/Gyn Grand Rounds	Invited Speaker	01/2009
University of Toronto	Perinatal Research Symposium, Featured Speaker	04/2009
SMFM	Fellows Web Conference	05/2009

<b>Institution/Sponsor/Location</b>	<b>Event/Role</b>	<b>Year</b>
Mount Auburn Hospital Conference Center, Waltham, MA	Seminar: Current Trends and New Direction in Ob/Gyn, Invited Speaker	11/2009
University of Michigan Department of Obstetrics and Gynecology. Spring Postgraduate Course Detroit, MI	Invited Speaker	04/2010
University of South Carolina School of Medicine Resident Research Symposium:	Invited Speaker	06/2010
Columbia University College of Physicians and Surgeons, New York, NY	Sloane Symposium: Invited Speaker	06/2010
Tulsa County Medical Society, ACOG, Oklahoma Section, Tulsa, OK	Keynote Speaker	09/2010
New England Obstetrical and Gynecological Society, 82nd Annual Fall Meeting, Sturbridge, MA	Invited Speaker	10/2010
Magee-Womens Hospital Grand Rounds, Pittsburgh, PA	Invited Speaker	11/2010
SMFM Postgraduate Course: Controversies in Obstetric Management, San Francisco, CA	Faculty	02/2011
University of Illinois, 11th Annual Dr. Laird Jr. Wilson Perinatal Conference, Chicago, IL	Invited Speaker	11/2011
World Symposium of Perinatal Medicine, San Diego, CA	Invited Speaker	12/2011
SMFM Postgraduate Course: Clinical Trial Design, Conduct, and Translation of Results into Practice (with GoNet), Dallas, TX	Faculty	02/2012
SMFM Postgraduate Course: Labor & Delivery, Dallas, TX	Course Director	02/2012
Duke University Medical Center, Department of Obstetrics & Gynecology Grand Rounds, Durham, NC	Invited Speaker	03/2012
GONet meeting: New research projects in twin pregnancy & planning and design of new trials, London, UK	Invited Speaker	04/2012
20 <sup>th</sup> Anniversary of the Dutch Working Group on Neonatal Follow-up Amsterdam, The Netherlands	Invited Speaker	09/2012
Castle Course 2012 Consortium, Eindhoven, The Netherlands	Faculty	09/2012
SMFM workshop "Perivable Birth: Obstetrical and Neonatal Considerations" (sponsored by NICHD, SMFM, AAP, and ACOG), San Francisco, CA.	Participant	02/2013
MEDNAX OB Challenges Conference, Phoenix, AZ.	Invited Speaker	03/2013
Christiana Care Health System Grand Rounds, Newark, DE.	Invited Speaker	03/2013
University of Oklahoma Health Sciences Center,	Invited Speaker	05/2013

<b>Institution/Sponsor/Location</b>	<b>Event/Role</b>	<b>Year</b>
Resident Day Tulsa, OK		
Yale School of Medicine Grand Rounds, New Haven, CT	Invited Speaker	05/2013
University of North Carolina, Grand Rounds, Chapel Hill, NC	Invited Speaker	09/2013
Society of Ob/Gyn Hospitalists Annual Clinical Meeting, Denver, CO	Invited Speaker	09/2013
University of Massachusetts Medical School Grand Rounds, Worcester, MA	Invited Speaker	10/2013
SMFM panel "Obstetrical Challenges"	Invited Speaker	02/2014
University of Massachusetts Memorial Medical Center, Grand Rounds , Worcester, MA	Invited Speaker	04/2015
Mass General Hospital OB/GYN, Grand Rounds Boston, MA	Invited Speaker	10/2015
Northwestern University, Dr. Harry and Mitzie P. Cohen Lectureship in Obstetrics and Anesthesiology Grand Rounds, Chicago, IL	Invited Speaker	05/2016
SMFM Postgraduate Course Las Vegas, NV	Faculty	01/2017
SMFM Postgraduate Course Dallas, TX	Faculty	02/2018
Frederick P. Zuspan, MD Lecture Columbus, OH	Invited Speaker	11/2018
SMFM Quality Forum Panel "Debate: Research vs. Quality" Las Vegas, NV	Invited Presenter	02/2019
SMFM Postgraduate Course "Intrapartum Contraction Monitoring: Why, When and How?" Las Vegas, NV	Invited Presenter	02/2019
University of Alabama. Resident Research Day. "A Clinical Research Career: One Approach" Birmingham, AL	Distinguished Visiting Professor	04/2019

## GRANTS

<b>ACTIVE FUNDING</b>	<b>Funding</b>	<b>Year</b>
Principal Investigator: Cooperative Agreement Application Multicenter Network of Maternal-Fetal Medicine Units. 2UG1HDO40500-17	\$1,452,550 (Base) (10%)	4/2016-3/2021
Pulmonary Complications in a Birth Cohort after a Randomized Trial of Exposure to Antenatal Corticosteroids: the ALPS Follow-Up Study. Eunice Kennedy Shriver National Institute of Child Health and Human Development (NICHD) Maternal-Fetal Medicine Units (MFMU) Network. 2R01 HL09835404	5%	6/2016-5/2021
Effect of Iatrogenic Delivery at 34-38 Weeks Gestation on Pregnancy Outcome. NICHD. 1R01HD077592	5%	5/2014-4/2019
COBRE for Reproductive Health (Director of Clinical and Translational Core) NIH/NIGMS P20GM121298	15%	4/2017-2/2022
Limiting Adverse Birth Outcomes in Resource-Limited Settings University of North Carolina at Chapel Hill	15% (years 1&2) 10% (year 3)	11/2018-11/2021
<b><u>Principal Investigator</u></b>		
Identification of Herpes SimpleX Virus (HAS) Shedding in the female genital tract of pregnant and non-pregnant women by the Xpert HSV ½ Assay, routine PCR and culture. DMID. HHSN272201100034C. 000406291-SC0015 (Rouse) Subcontract # to UAB	2%	3/2015-3/2017
Cooperative Agreement Application Multicenter Network of Maternal-Fetal Medicine Units. #510HD40500-11	\$3,967,751	4/2011-3/2016
Cooperative Agreement Application Multicenter Network of Maternal-Fetal Medicine Units. #510HD40500-09	\$984,000	9/2009-3/2011
Cooperative Agreement Application Multicenter Network of Maternal-Fetal Medicine Units. NICHD #U10 HD027869-16	\$1,574,887	4/2006-8/2009
Center Director: UAB Center for Women's Reproductive Health	\$450,000	6/2006-8/2009
Cooperative Agreement Application Multicenter Network of Maternal-Fetal Medicine Units (MFMUs). NICHD #U10 HD027869-11	\$3,542,904	4/2001-3/2006
Bill and Melinda Gates Foundation Award to Establish an Electronic Perinatal Medical Record System in Lusaka, Zambia. (UAB Board of Trustees. Investigators: Rouse, Goldenberg, Stringer, Vermund)	\$4,000,000	6/2001-6/2005
Midcareer Award in Patient-Oriented Obstetric Research. NICHD 1K24HD01375-01	\$553,017	7/2000-6/2005
Multipurpose UAB-Zambia Field Office for Clinical Research. University of Alabama Health Services Foundation General Endowment Fund	\$224,050	3/2002-2/2004

Chlorhexidine Irrigation for the Prevention of Peripartal Infection. NICHD 1R01HD35914-01A1	\$566,645	1/1999-12/2001
--	-----------	----------------

**Co-Investigator**

Clinical Trial of Behavioral Modification to Prevent Congenital Cytomegalovirus U01DD000921	\$530,638	9/2012-3/2015
--	-----------	---------------

Genomics and Proteomics Network. UAB Clinical Core Center. NICHD 1U01HD50094-01	\$1,352,098	3/2006-1/2011
--	-------------	---------------

UAB/AKU Global Network Research Unit. National Institutes of Health HD-00-007	\$514,844	2/2001-1/2006
--	-----------	---------------

Low Birthweight PORT. Agency for Health Care Policy & Research. U.S. DHHS, Contract 290-92-0055	\$4,800,000	10/1992-4/1997
--	-------------	----------------