

## CURRICULUM VITAE

Name: Keith A. Eddleman, MD

Address: 201 West 72nd Street  
Apartment 19B  
New York, NY 10023

Home Phone: (212) 580-6143

Business Address: Division of Maternal-Fetal Medicine  
Department of Obstetrics, Gynecology & Reproductive Science  
Mount Sinai Medical Center  
Box 1171  
One Gustave L. Levy Place  
New York, New York 10029

Business Phone: (212) 241-5681

Birth Date: March 10, 1956

Birthplace: Concord, North Carolina

Citizenship: American

### EDUCATION AND TRAINING

#### Undergraduate

1974-1978 University of North Carolina B.S., Zoology, 1978  
Chapel Hill, North Carolina

#### Graduate

1981-1985 Bowman Gray School of Medicine M.D., 1985  
Wake Forest University  
Winston-Salem, North Carolina

#### Postgraduate

1985-1989 George Washington University Allan B. Weingold, M.D., Chairman  
Medical Center Department of Obstetrics and Gynecology  
Washington, D.C. Residency in Obstetrics and Gynecology

1989-1991 Mount Sinai Medical Center Richard L. Berkowitz, M.D. Chairman  
New York, New York Department of Obstetrics, Gynecology &  
Reproductive Science  
Fellowship in Maternal-Fetal Medicine

1993-1996	The New York Hospital- Cornell Medical Center New York, New York	Jessica G. Davis, M.D., Director Division of Human Genetics Fellowship in Human Genetics
-----------	--	--

### APPOINTMENTS AND POSITIONS

#### Academic

1989-1991	Mount Sinai School of Medicine New York, New York	Clinical Instructor in Obstetrics, Gynecology & Reproductive Science
1991-1996	Cornell University School of Medicine	Assistant Professor of Obstetrics and Gynecology
1996-Present	Mount Sinai School of Medicine New York, New York	Assistant Professor of Obstetrics, Gynecology & Reproductive Science

#### Non-Academic

1978-1979	Teratology Laboratory, Research Triangle Institute, Research Triangle Park, NC	Research Associate
1979-1981	Clinical Research Laboratory, Environmental Protection Agency, Chapel Hill, NC	Research Associate
1987-1988	Planned Parenthood League Bailey's Crossroads, Virginia	Clinical Director
1991-1996	The New York Hospital New York, New York	Director of Prenatal Diagnosis
1996-Present	Mount Sinai Medical Center	Associate Director, Maternal-Fetal Medicine Fellowship Program
2000-Present	Mount Sinai Medical Center	Director, Division of Maternal-Fetal Medicine

### CERTIFICATION

1986	National Board of Medical Examiners
1993	Diplomate, American Board of Obstetrics and Gynecology
1995	Diplomate, American Board of Obstetrics and Gynecology,

**Division of Maternal-Fetal Medicine**

1999 Diplomate, American Board of Medical Genetics

**MEMBERSHIPS IN PROFESSIONAL AND SCIENTIFIC SOCIETIES**

American College of Obstetricians and Gynecologists,  
Fellow

Offices Held: (Junior Fellow)

Section Vice-Chairman, 1987

Section Chairman, 1988

District Vice-Chairman, 1989

District Chairman, 1990

Junior Fellow Advisory Council, 1990-1991

Society of Maternal-Fetal Medicine (formerly the Society of Perinatal Obstetricians )

American Society of Human Genetics

American College of Medical Genetics

American Institute of Ultrasound in Medicine

Ethics and Professional Standards Committee, 1992-96

International Fetal Medicine and Surgery Society

New York Obstetrical Society

**HONORS**

1991 Fellowship Award for Excellence in Teaching, Department of Obstetrics, Gynecology and Reproductive Science, Mount Sinai School of Medicine, New York, New York

1991 Visiting Professor, Department of Obstetrics and Gynecology, University of Kansas Medical Center, Wichita, Kansas

1991 Invited Faculty, The Martin L. Stone OB/GYN Society's 31<sup>st</sup> Annual Symposium on New Concepts in Prenatal Diagnosis, New York, NY

1992 Invited Faculty, The Martin L. Stone OB/GYN Society's 32<sup>nd</sup> Annual Symposium on New Developments in the Practice of Obstetrics and Gynecology, New York, NY

1992 Invited Faculty, Update on Genetics '92, Suffolk Academy of Medicine, Port Jefferson, New York

1993 Visiting Professor, Department of Obstetrics and Gynecology, Beth Israel Medical Center, New York, NY

- 1993 Visiting Professor, Department of Obstetrics and Gynecology, Jersey Shore Medical Center, Neptune, New Jersey
- 1993 Invited Faculty, Cornell University Medical College, Second Annual Symposium on Common Problems in Obstetrical Care, Maui, Hawaii
- 1994 Visiting Professor, Department of Obstetrics and Gynecology, Hackensack University Medical Center, Hackensack, New Jersey
- 1995 Invited Faculty, Jersey Shore Medical Center's Women's Health Symposium, Atlantic City, New Jersey
- 1995 Invited Faculty, National Kidney Foundation Symposium on Fetal Obstructive Uropathies, Manhasset, NY
- 1995 Invited Faculty, Cornell University Medical College, Third Annual Symposium on Common Problems in Obstetrical Care, Maui, Hawaii
- 1996 Invited Faculty, Royal Thai College of Obstetricians and Gynaecologists, The Ninth International Workshop on The Fetus As A Patient, Pattaya City, Thailand
- 1996 Visiting Professor, Department of Obstetrics and Gynecology, Saint Vincent's Medical Center, New York, NY
- 1996 Invited Faculty, Istituto Superiore Di Sanita, Stem Cell Therapy of Inherited Disorders, Rome, Italy
- 1997 Invited Faculty, Division of Pediatric Nephrology, Mount Sinai Medical Center, Update in Pediatric Nephrology for the General Pediatrician, New York, NY
- 1997 Visiting Professor, Department of Obstetrics and Gynecology, Tufts-New England Medical Center, Boston, MA
- 1997 Invited Faculty, Queens Gynecological Society, Resident's Day Symposium, Queens, New York
- 1998 Visiting Professor, Department of Obstetrics and Gynecology, North Shore University Medical Center, Manhasset, NY
- 1998 Invited Speaker, 46<sup>th</sup> Annual Clinical Meeting of the American College of Obstetricians and Gynecologists, New Orleans, LA
- 1999 Invited Speaker, 47<sup>th</sup> Annual Clinical Meeting of the American College of Obstetricians and Gynecologists, Philadelphia, PA
- 2000 Invited Speaker, Mount Sinai 2000 Update: Ultrasound, Women's Imaging and

## PUBLICATIONS

### Refereed Articles

1. Eddleman, KA, Levine, AB, Chitkara, U, Berkowitz, RL: Reliability of lymphocyte counts in the antenatal diagnosis of congenital chylothorax. *Obstet Gynecol* 1991;78:530.
2. Levine, AB, Eddleman, KA, Chitkara, U, Willner, JP, Vosatka, RJ, Berkowitz, RL: Myotonic dystrophy: An often unsuspected cause of severe polyhydramnios, *Prenatal Diagnosis* 1991;11:111-15.
3. Eddleman, KA, Lockwood, CJ, Berkowitz, GS, Berkowitz, RL: The clinical significance and sonographic diagnosis of velamentous umbilical cord insertion. *Am J Perinat* 1992;9:123-126.
4. Lescale KB, Eddleman, KA, Chervenak, FA: Prenatal diagnosis: Structural abnormalities. *Current Opinions in Obstetrics and Gynecology* 1992;4:249-55.
5. Durand, B, Eddleman, K, Migliaccio AR, Migliaccio, G, Adamson, JW: Long-term generation of CFC from CD34<sup>+</sup> cord blood cells. *Leuk-Lymph* 1993;11:263-73.
6. Migliaccio, AR, Baiocchi, M, Durand, B, Eddleman, K, Migliaccio, G, Adamson, J: Aspects of the biology of the neonatal hematopoietic stem cell. *Stem Cells* 1993;11(suppl. 2):56-64.
7. Durand B, Migliaccio G, Yee NS, Eddleman K, Huima-Byron T, Migliaccio AR, Adamson JW. Long-term generation of human mast cells in serum-free cultures of CD43<sup>+</sup> cord blood cells stimulated with stem cell factor and interleukin-3. *Blood* 1994;84:3667-74.
8. Migliaccio AR, Baiocchi M, Durand B, Eddleman K, Migliaccio G, Adamson JW. Stem cell factor and the amplification of progenitor cells from CD34<sup>+</sup> cord blood cells. *Blood Cells* 1994;20:129-38.
9. Skupski D, Eddleman K, Zellers N, Ward B. Rapid exclusion of chromosomal aneuploidies by fluorescence in situ hybridization prior to fetal surgery for obstructive uropathy - A case report. *Fetal Diagn Ther* 1994;9:353-6.
10. Lasker, MR, Eddleman, K, Toor, AH Neonatal hepatitis and excessive hepatic iron deposition following intrauterine blood transfusion. *Am. J. Perinatol* 1995;12:14-7.
11. Eddleman KA, Chervenak FA, George-Siegel P, Baiocchi M, Migliaccio G, Migliaccio AR: Circulating hematopoietic stem cell populations in human fetuses: Implications for fetal gene therapy. *Fetal Diagn Ther* 1996;11:231-240.

12. Lescale KB, Inglis SR, Eddleman KA, Peeper EQ, Chervenak FA, McCullough LB. Conflicts between physicians and patients in non-elective cesarean delivery: Incidence and the adequacy of informed consent. *Am J Perinatol* 1996;13:171-6.
13. Lescale, KB, Eddleman, KA, Cines, DB, Samuels, P, Lesser, ML, McFarland, JG, Bussel, JB. Antiplatelet antibody testing in thrombocytopenic pregnant women. *Am J Obstet Gynecol* 1996;174:1014-8.
14. Migliaccio G, Baiocchi M, Hamel N, Eddleman K, Migliaccio AR. Circulating progenitor cells in human ontogenesis: Response to growth factors and replating potential. *J Hematother* 1996;5:161-70.
15. Berkowitz, RL, Stone, JL, Eddleman, KA. One hundred consecutive cases of selective termination of an abnormal fetus in a multifetal gestation. *Obstet Gynecol* 1997;90:606-610.
16. Hayward A, Ambruso C, Battaglia F, Donlon T, Eddleman K, Giller, R, Hobbins J, Hsia YE, Quinones R, Shpall R, Tractenberg E, Giardina P. Microchimerism and tolerance following intrauterine transplantation and transfusion for alpha-thalassemia-1. *Fetal Diagn Ther* 1998;13:8-14.
17. Stone J, Bianco A, Lockwood CJ, Berkowitz RL, Eddleman K. Does the morbidity of twin gestations after 36 weeks increase with advanced gestational age? *Perinat Neonat Med* 1998;3:1-7.
18. Wasserstein MP, Gaddipati S, Snyderman SE, Eddleman K, Desnick RJ, Sansaricq C. Successful Pregnancy in Severe Methylmalonic Acidemia. *J Inher Metab Dis* 1999;22:788-94.
19. Eddleman KA, Stone JL, Lynch L, Berkowitz RL. Chorionic villus sampling prior to multifetal pregnancy reduction. Accepted to *American Journal of Obstetrics and Gynecology*, September 2000.
20. Stone JL, Eddleman KA, Lynch L, Berkowitz RL. Risk factors for loss after multifetal pregnancy reduction. Submitted to *American Journal of Perinatology*, August 2000.

#### **Reviews and Invited Published Papers**

1. Stone JL, Eddleman KA, Berkowitz RL. The echogenic intracardiac focus. *Contemporary OB/GYN* 1998;43:73-78.
2. Eddleman KA. Stem Cells: What the obstetrician needs to know. *Contemporary Ob/Gyn*, 1998; 43:141-155.
3. Eddleman KA, Stone JL, Berkowitz RL. Fetal echogenic bowel on ultrasound: the bottom line. *Contemporary OB/GYN*, 1998; 43: 53-67.

4. Stone JL, Eddleman K, Patel S. Controversies in the intrapartum management of twin gestations. *Obstetrics and Gynecology Clinics of North America* 1999;26:327-42.
5. Gleason P, Eddleman K, Stone J. Fetal Gastrointestinal Anomalies. *Clinics in Perinatology* (In press).
6. Stone J, Eddleman K. Multifetal Pregnancy Reduction. *Current Opinions in Obstetrics and Gynecology* (In press).
7. Eddleman KA. In Utero Stem Cell Transplantation and Gene Therapy. In: *Contributions to Obstetrics and Gynaecology, Volume 5*, Ratnam SS, Soon-Chye N, Arulkumaran S, eds. Oxford University Press, Singapore.

### Book Chapters

1. Eddleman, KA, Alvarez, MA, Invasive fetal therapy, In: Cherry S, Merkatz I, eds. Complications of Pregnancy: Medical, Surgical, Gynecologic, Psychosocial, and Perinatal. Fourth Edition, Baltimore: Williams and Willkins, 1991:1078-85.
2. Daffos, F, Eddleman, K, Immune thrombocytopenias. In: Chervenak, F.A., Isaacson, G.C., Campbell, S. eds. Ultrasound in Obstetrics and Gynecology. Boston: Little, Brown and Co., 1993: Vol. 2, 1557-1561.
3. Lescale K, Eddleman K, Chervenak F. Ultrasound of the fetal neck and spine. In: McGahan J Porto M, eds. Obstetrical Ultrasound: A Systemic Approach. First Edition, Philadelphia: Lippincott, 1993:172-206 .
4. Eddleman KA, Bussel, JB, Chervenak, FA Diagnosis and management of immune thrombocytopenia In: Kurjak A., Chervenak, F.A., eds. The Fetus As A Patient: Advances in Diagnosis & Therapy. New York, Parthenon, 1994:505-516.
5. Lescale K, Eddleman K, Chervenak F. Imaging of the normal brain, In: Levine M., Lilford R., Bennett MJ., Punt J., eds. Fetal and Neonatal Neurology and Neurosurgery. London: Churchill Livingstone, 1995, p. 61-81.
6. Eddleman, KA. In utero stem cell transplantation and gene therapy. In: Ratnam S.S., Ng, S. C., Arulkumaran, S., eds., Contributions to Obstetrics and Gynecology, 5<sup>th</sup> Ed., Churchill Livingstone, Singapore, 1997. (In Press)
7. McGahan J, Coates T, Lescale K, Eddleman K, Chervenak F. Fetal neck and spine, In: McGahan J. and Goldberg B., eds., Diagnostic Ultrasound: A Logical Approach. Philadelphia: Lippencott, 1998, p. 309-334.
8. Bush M, Eddleman K. Umbilical Cord Prolapse. In: UpToDate, Rose BD (Ed), UpToDate, Wellesley, MA, 2000.

## Published Abstracts

1. Eddleman, KA, Lockwood, CJ, Lapinski, RH, Berkowitz, GS, Wein, R, Berkowitz, RL: Clinical significance of positive glucose screens in non-diabetic patients. *Am J Obstet Gynecol* 1991;164(suppl.):228.
2. Baiocchi M, Migliaccio G, Eddleman K, Migliaccio, AR, Adamson, JW. Replating potential of human fetal, perinatal and adult hematopoietic progenitor cells in serum-deprived cultures. Abstracts for the 35th Annual Meeting of The American Society of Hematology, St. Louis, 1993.
3. Eddleman K, Baiocchi M, Migliaccio AR, Adamson J, Chervenak F. Biology of the fetal hematopoietic stem cell. *Ultrasound Obstet Gynecol* 1993;3(suppl 2):79.
4. Lescale, K, Bussel, J, Eddleman, K, Cines, D, Samuels, P: Distinguishing chronic ITP from gestational ITP in thrombocytopenic pregnant women. *Am J Obstet Gynecol* 1993; 168 (suppl.): 412.
5. Lescale KB, Inglis SR, Eddleman KA, Peeper EQ, McCullough LB, Chervenak FA. How adequate is informed consent at the time of cesarean delivery? *Am J Obstet Gynecol* 1994;170 (suppl):337.
6. Eddleman KA, Davis JG, Chervenak FA, George-Siegel P, Migliaccio G, Migliaccio AR. Circulating hematopoietic stem cell populations in human fetuses: Implications for fetal gene therapy. *Am J Hum Gen* 1995;57:A50.
7. Stone JL, Lapinski R, Eddleman K, Gallousis F, Berkowitz R. Single vs. multiple courses of steroids for fetal maturation: Is more better? *Am J Obstet Gynecol* 1997;176:S46.
8. Eddleman K, Stone J, Berkowitz R. First trimester multifetal pregnancy reduction (MPR): A report on 780 consecutive cases at one institution. *Am J Obstet Gynecol* 1998;178 (suppl):S149.
9. Stone J, Eddleman K, Gallousis F, Berkowitz R. Pregnancy outcome after first trimester multifetal pregnancy reduction (MPR) to a single fetus. *Am J Obstet Gynecol* 1998;178(suppl):S150.
10. Eddleman KA, Stone JL, Lynch L, Berkowitz RL. Chorionic villus sampling prior to multifetal pregnancy reduction *Am J Obstet Gynecol* 2000;182(suppl):S170.
11. Stone JL, Eddleman KA, Lynch L, Berkowitz RL. Risk factors for loss after multifetal pregnancy reduction. *Am J Obstet Gynecol* 2000;182(suppl):S171.