CURRICULUM VITAE

Krisa Page Van Meurs, MD

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Education

1972-77	A.B., Mount Holyoke College, South Hadley, MA
1977-81	M.D., George Washington University School of Medicine, Washington, DC

Postgraduate

1981-84	Pediatric Residency, Children's National Medical Center, Washington, DC
1984-85	Chief Pediatric Resident, Children's National Medical Center, Washington, DC
1985-87	Guest Researcher, National Research Service Award Laboratory of Cellular Metabolism, National Heart, Lung & Blood Institute, NIH, Bethesda, MD
1988-90	Postdoctoral Fellowship in Neonatal-Perinatal Medicine and Extracorporeal Membrane Oxygenation, Children's National Medical Center, Washington, DC

Academic Appointments

1984-88	Clinical Instructor of Pediatrics, George Washington University School of Medicine, Washington, DC
1988-90	Instructor of Pediatrics, George Washington University School of Medicine, Washington, DC
1990-97	Assistant Professor of Pediatrics, Stanford University School of Medicine, Stanford, CA
1997-2004	Associate Professor of Pediatrics, Stanford University School of Medicine, Stanford, CA
2004-	Professor of Pediatrics, Stanford University School of Medicine, Stanford, CA
2012-	Rosemarie Hess Endowed Professor in Neonatal and Developmental Medicine, Stanford University School of Medicine, Stanford, CA

Clinical Appointments

Children's National Medical Center

1983-87	Limited Duty Staff, Department of Neonatology
1984-87	Part-time Attending Staff, Department of Emergency Medicine
1984-87	ECMO Physician, Department of Neonatology
1987-88	Director of Spina Bifida Program, Department of Pediatrics

Clinical Appointments (continued)	**Lucile Salter Packard Children's Hospital**	
	1990-	Co-director of ECMO, Department of Pediatrics
	1994-	Director of Nitric Oxide Program, Department of Pediatrics
	2001-02	Acting Medical Director, Neonatal Intensive Care Unit
	Johnson Center for Pregnancy and Newborn Services	
	2002-	Associate Director of Packard Nurseries
	2006-	Associate Chief for Clinical Programs
Board Certification	1982	National Board, Diplomate
	1987	The American Board of Pediatrics, Diplomate
	1993	Neonatal-Perinatal Medicine (Recertification: 2000)
Licensure	1983-90	District of Columbia
	1990-	State of California
Professional memberships	1989-	Extracorporeal Life Support Organization
	1990-95	American Society for Artificial Internal Organs
	1993-	Western Society for Pediatric Research
	1993-95	American Thoracic Society
	1994-	American Academy of Pediatrics, Fellow
	1994-	American Academy of Pediatrics, Perinatal Section
	1995-	Society for Pediatric Research
	1995-	California Association of Neonatologists
	2005-	Pediatric Academic Society

Professional Public Service

International/National/Regional

1973-75	Country Coordinator, vaccination and nutritional survey for Amigos de las Americas and Ministry of Health, Quito, Ecuador
1976	Research Assistant, Department of Coordination, World Health Organization, Geneva, Switzerland
1978	National Health Service Corps preceptee, Community Technical Assistance Program, Cotulla, TX
1997-2000 2002-2008	Member, Steering Committee, Extracorporeal Life Support Organization (ELSO)
1997-2000	Chair, Education and Training Committee, Extracorporeal Life Support Organization (ELSO)
2002-08	Chair, Communication Committee, Extracorporeal Life Support Organization (ELSO)

	Ad hoc reviewer for *New England Journal of Medicine*, *Mosby Yearbook of Perinatal and Neonatal Medicine*, *Pediatrics*, *Journal of Pediatrics*, *Clinical Pediatrics*, *Acta Paediatrica*, *European Journal of Pediatrics*, *Pediatric Research, PLoS One, American Journal of Perinatology*
2003	Member, Cardiology Working Group, Newborn Drug Development Initiative, NICHD and FDA
2006-	Editorial Board, *American Journal of Perinatology*
2009-10	Member, Data Safety Monitoring Board, TOLSURF trial, NHLBI, NIH
2011-	Editorial Board, Neonatology section, *Pediatric Research*

Stanford University School of Medicine

1992-95	Member, Administrative Panel on Human Subjects in Medical Research, Panel
1997-2000	General Clinical Research Advisory Committee
1998-99	Medical School Admissions Committee
1998-99	Faculty Senate, Alternate
2004-06	Faculty Senate, Pediatric Representative
2006-07	Member, Appointments and Promotions Committee, Stanford University School of Medicine
2007-09	Vice Chair, Appointments and Promotions Committee, Stanford University School of Medicine
2007-	Founding member, Pilot Pediatric Mentoring Program, Department of Pediatrics
2008-	Council of Mentors, Stanford Center for Clinical and Translational Education and Research (Spectrum), Institutional Clinical and Translational Science Award, Stanford University School of Medicine
2009-	Associate Director, Pediatric Mentoring Program, Department of Pediatrics
2009-2012	Associate Chair, Clinical Research, Department of Pediatrics
2009-2012	Co-Chair, Research Advisory Committee, Department of Pediatrics
2009-	Member, Executive Committee, Spectrum Child Health (Pediatric component Stanford CTSA)
2010	Member, Clinical Innovation Task Force
2011	Member, CTRU Policy and Oversight Panel and Scientific Review Panel, Spectrum (Stanford CTSA)
2012	Mentor, Faculty Fellows Program
2012	Faculty Affairs sub-committee, Liaison Committee on Medical Education (LCME) self-study

Lucile Packard Children's Hospital

1992-99	Blood and Transfusion Committee
1996-97	Code Committee
2000-05	Co-chair, Blood and Transfusion Committee
2001-02	Care Improvement Committee
2001-02	Neonatal Advisory Parent Panel
2002	ROSE (Recognition of Service Excellence) Award
2002-03	Care Improvement Committee

2002-05	Board of Directors, Quality and Service Committee
2002-05	Critical Care Committee
2002-06	Interdisciplinary Practice Committee
2002-	Neonatal Intensive Care Unit Executive Committee
2007-	Revenue Cycle and Finance Committee

Mentoring

Louise Baxter, M.D., Postdoctoral fellow in Neonatal-Perinatal Medicine, 1991-95
Hanh Nguyen, M.D., Stanford Medical Scholar, 1992-94
David M. Cohan, M.D., Stanford Medical Scholar, 1996-99
Toby Cohen, M.D., Postdoctoral fellow in Neonatal-Perinatal Medicine, 1997-2001
Nick Mickas, M.D., Postdoctoral fellow in Neonatal-Perinatal Medicine, 1998-2001
Reed Dimmit, M.D., Postdoctoral fellow in Neonatal-Perinatal Medicine, 1998-2001
Susan Hintz, M.D., Postdoctoral fellow in Neonatal-Perinatal Medicine, 1999-
Christopher Colby, M.D., Postdoctoral fellow in Neonatal-Perinatal Medicine, 2000-03
Valerie Chock, M.D., Instructor, Division of Neonatal and Developmental Medicine, 2005-
Alexis Davis, M.D., Instructor, Division of Neonatal and Developmental Medicine, 2006-
Devasena Gnanashanmugan, M.D., Division of Infectious Disease, Department of Pediatrics, 2007-2008
Maureen M. O'Brien, M.D., Division of Hematology Oncology, Department of Pediatrics, 2007-2009
Rabin Tirouvanziam, Ph.D. Division of Pulmonary and Critical Care, Department of Pediatrics, 2007-11
Kari Nadeau, M.D. Ph.D. Division of Allergy and Immunology, Department of Pediatrics, 2008-11
Sharon Fei-Hsien Chen, M.D. M.S., Division of Infectious Disease, Department of Pediatrics, 2008-
Felice Su, M.D., Division of Critical Care, Department of Pediatrics, 2009-
Rajesh Punn, M.D., Division of Cardiology, Department of Pediatrics, 2009-11
Truc Le, M.D., Division of Critical Care, Department of Pediatrics, 2009-12
Kara Davis, D.O., Division of Hematology-Oncology, Department of Pediatrics, 2010-
Vishnu Priya Akula, M.D., Neonatal Fellow, Division of Neonatal and Developmental Medicine, 2010-
KT Park, M.D., Division of Pediatric Gastroenterology, Department of Pediatrics, 2011-
Bernardo Kracer, M.D., Neonatal Fellow, Division of Neonatal and Developmental Medicine, 2011-
Adam Frymoyer, M.D., Instructor, Divisions of General Pediatrics/Neonatal and Dev Med, 2012-
Courtney Wusthoff, M.D., Instructor, Department of Neurology, 2012-

Clinical Research / Grant Support

Current Support

1P01HL108797 (Rabinovitch)	08/17/2911–05/31/2016	0.60 calendar
NIH	$1,493,931	Role: Co-Investigator

Elafin therapy of lung diseases
The focus is on a single novel therapy, elafin, an agent that is a potent and selective serine elastase inhibitor but also has other assets related to its anti-microbial and anti-inflammatory properties. Preliminary data suggests it will be effective in treating three challenging conditions, pulmonary hypertension, ventilator induced injury of the immature lung, and lung rejection after transplantation**.**

2 U10 HD027880-22 (Van Meurs) 04/01/2011–03/31/2016 1.2 calendar
NIH/NICHD $200,000 (base costs) Role: PI
Multicenter Network of Neonatal Intensive Care Units
A cooperative agreement in ongoing multicenter clinical studies designed to investigate the safety and efficacy of treatment and management strategies to care for infants in neonatal intensive care units.

2 U10 HD027880S1-22 (Van Meurs) 04/01/2012–03/31/2016 1.2 calendar
NIH/NICHD $238,600 Role: Mentor
Multicenter Network of Neonatal Intensive Care Units – Research Supplements to Promote Diversity in Health-Related Research Program
This diversity supplement is to enhance the research training and career development of a under-represented minority physician, Dr. Bernardo Kracer.

IK-3001-BPD-301 03/30/2010–12/31/2015 0.12 calendar
INO Therapeutics LLC $57,160 Role: Site PI
Inhaled Nitric Oxide for the Treatment of Bronchopulmonary Dysplasia (BPD) in Preterm Infants Requiring Mechanical Ventilation or Positive Pressure Support on Days 5 to 14 after Birth
This is a multi-center industry sponsored trial to examine the efficacy of inhaled nitric oxide in preterm infants less than 30 weeks gestational age and between 500 and 1250 grams who require mechanical ventilation on days 5 to 14 after birth.

Child Health Research Institute 01/1/2013-12/31/2013 as needed
Lucile Salter Packard Children's Hospital $34,000 Role: PI
A randomized clinical trial of therapeutic hypothermia during transport for HIE: Device regulated cooling versus standard practice
This is a multi-center study being conducted at nine neonatal intensive care units in California to determine whether use of a servo-regulated device for transport cooling improves temperature profiles when compared to the current standard practice (passive cooling and use of ice packs)

Past Support

3UL1RR025747-02S3 (Pisano) 09/29/2009-09/30/2010 0.12 calendar
NIH/CTSA Supplement $47,000 Role: Site PI
Improving Outcomes Measures for Chronic Lung Disease of Prematurity
Chronic lung disease (CLD) is a primary or secondary marker for the efficacy of many treatments used in premature infants. The severity of CLD also predicts later outcome for premature infants. A more detailed and reliable outcome measurement tool for CLD would improve our ability to evaluate many interventions in neonatal medicine and predict later outcomes in these infants.

2U10 HD 27880-17 04/01/2006–03/28/2011 0.6 calendar
NIH/NICHD $181,030 (base costs only) Role: PI
Multi-center Network of Neonatal Intensive Care Units
A cooperative agreement in ongoing multicenter clinical studies designed to investigate the safety and efficacy of treatment and management strategies to care for infants in neonatal intensive care units.

X2 U10 HD027880-19S (Van Meurs) 04/01/2006–03/28/2011 as needed
NIH/NICHD $69,444 Role: PI
Amplitude integrated EEG and brain injury in extremely low birth weight infants: Does aEEG predict neuroimaging abnormalities and/or neurodevelopmental impairment?
Dr. Van Meurs served as PI and mentor for this specialized clinical investigator development award to Alexis Davis, M.D. for a project investigating the value of the amplitude-integrated electroencephalogram (aEEG) as a predictive tool for neurologic sequelae in extremely low birthweight (ELBW) infants enrolled in a prospective, observational, multicenter study.

A1481 157-1015 2004-05 0.12 calendar
Pfizer, Inc. $38,840 Role: Site PI
IV Sildenafil in the treatment of neonates with persistent pulmonary hypertension of the newborn or hypoxic respiratory failure: An open-label pharmacokinetic study
The purpose of this study is to evaluate the pharmacokinetics (PK) and safety of intravenous sildenafil in newborns with PPHN or hypoxic respiratory failure and at risk for PPHN.

5U10 HD 27880-15 2001-06 0.60 calendar
NIH (Stevenson) $500,434 Role: Alternate PI
Multicenter Network of Neonatal Intensive Care Units
A cooperative agreement in ongoing multicenter clinical studies designed to investigate the safety and efficacy of treatment and management strategies to care for infants in neonatal intensive care units.

Innovations in Patient Care Award 2001-02 as needed
Lucile Salter Packard Children's Hospital $15,000 Role: Co-Investigator
Non-invasive carbon dioxide monitoring in the neonatal intensive care unit utilizing ventilator tidal volume feedback
The purpose is to determine if the use of continuous tidal volume monitoring will reduce episodes of undesirable hypocarbia with a higher percentage of blood gases falling in the "target" range and as such lead to improved patient care.
Co-investigators: Mickas N, Benitz W, Parker J

2-HNN701 1996-97 as needed
Neonatal Ventilation Study Group $7,200 Role: Site PI
Early non-tidal vs. tidal ventilation in premature infants: A pilot study
The purpose of this study is to evaluate 50 premature infants half treated with early HFOV and half treated with a regular ventilator. The number of days each baby needs a ventilator, the incidence of CLD, and the incidence of any side effects from either ventilator will be recorded.

NIH General Clinical Research Center 1995-2000 as needed
Stanford University Role: PI
Neonatal pulmonary hypertension patients at Stanford: Long term growth and neurodevelopmental outcome
The purpose of this study is to understand the abnormalities of growth and neurodevelopment in infants with neonatal pulmonary hypertension and to determine if these abnormalities differ amongst patients who receive differing therapies for pulmonary hypertension.
Co-PI: Fleisher B, Brudos G

Children's Health Research Fund 1997-98 as needed
Lucile Salter Packard Children's Hospital $35,000 Role: Co-PI
Effect of inhaled nitric oxide on oxidant injury in term infants with respiratory failure
The general objective of this proposal is to assess whether nitric oxide (NO) and/or its byproducts are associated with oxidative injury in neonates.
Co-PI: Dennery P

1992-96 as needed
Ross Laboratories (Lotze) $150,000 Role: Site Investigator
Evaluation of Survanta (beractant) in the treatment of term infants with severe respiratory failure
The purpose of this multicenter study is to determine if surfactant use in term infants with severe respiratory failure decreases the need for ECMO or decreases mortality.

PUBLICATIONS

Peer-reviewed articles

1. Angus, CW, **Van Meurs KP**, Tsai SC, Adamik R, Miedel MC, Pan YC, Kung HF, Moss J, Vaughan M. Identification of the probable site of choleragen-catalyzed ADP-ribosylation in a $G_o\alpha$-like protein based on cDNA Sequence. *Proc Natl Acad Sci, USA* (1986) 83:5813-5816.
2. **Van Meurs KP**, Angus CW, Lavu S, Kung HF, Czarnecki SC, Moss J, Vaughan M. Deduced amino acid sequence of bovine retinal $G_o\alpha$: Similarities to other guanine nucleotide-binding proteins. *Proc Natl Acad Sci, USA* (1987) 84:3107-3111.
3. Murtagh JJ, Price SR, **Van Meurs KP**, Angus CW, Moss J, Vaughan M. Signal transduction by guanine nucleotide-binding proteins: Possible molecular basis for multiple forms of $G_o\alpha$ mRNA. *Trans Assoc Am Physicians* (1988) 101:235-241.
4. Price SR, Murtagh JJ Jr, Tsuchiya M, Serventi IM, **Van Meurs KP**, Angus CW, Moss J, Vaughan M. Multiple forms of $G_o\alpha$ mRNA: Analysis of the 3' untranslated regions. *Biochem* (1990) 29:5059-5076.
5. Newman KD, Anderson KD, **Van Meurs KP**, Pearson S, Loe W, Short BL. Extracorporeal membrane oxygenation and congenital diaphragmatic hernia: Should any infant be excluded? *J Pediatr Surg* (1990) 25(10):1048-1053.
6. **Van Meurs KP**, Rivera O, Seale W, Short BL. Maximum blood flow rates for arterial cannulae used in neonatal ECMO. *ASAIO Trans* (1990) 36(3):679-681.

7. **Van Meurs KP**, Newman KD, Anderson KD, Short BL. Effect of extracorporeal membrane oxygenation on survival of infants with congenital diaphragmatic hernia. *J Pediatr* (1990) 117:954-960.
8. DePalma L, Short BL, **Van Meurs K**, Luban NL. A flow cytometric analysis of lymphocyte subpopulations in neonates undergoing extracorporeal membrane oxygenation. *J Pediatr* (1991) 118:117-120.
9. **Van Meurs KP**, Mikesell GT, Hearty JP III, Seale WR, Rivera O, Short BL. In vitro testing of the 0.6 M^2 SciMed membrane oxygenator. *J Extra Corpor Technol* (1992) 23(2):49-53.
10. **Van Meurs KP**, Robbins ST, Reed VL, Karr SS, Wagner AE, Glass P, Anderson KD, Short BL. Congenital diaphragmatic hernia: Long-term outcome of neonates treated with extracorporeal membrane oxygenation. *J Pediatr* (1993) 122:893-899.
11. **Van Meurs KP**, Nguyen HT, Rhine WD, Marks MP, Fleisher BE, Benitz WE. Intracranial abnormalities and neurodevelopmental status after venovenous extracorporeal membrane oxygenation. *J Pediatr* (1994) 125:304-307.
12. **Van Meurs KP**, Rhine WD, Benitz WE, Shochat SJ, Hartman GE, Sheehan AM, Starnes VA: Lobar lung transplantation as a treatment for congenital diaphragmatic hernia. *J Pediatr Surg* (1994) 29:1557-1560.
13. **Van Meurs KP**, Frankel LR, Pearl RG. Extracorporeal life support: Issues of who, when, why, and how. *Crit Care Med* (1995) 20:1200-2.
14. Lindeborg DM, Kavanagh BP, **Van Meurs KP**, Pearl RG. Inhaled nitric oxide does not alter the longitudinal distribution of pulmonary vascular resistance. *J Appl Physiol* (1995) 78(l):341-8.
15. Robbins RC, Bernstein D, Berry GJ, **Van Meurs KP**, Frankel L, Reitz BA. Cardiac transplantation for hypertrophic cardiomyopathy associated with Sengers syndrome. *Ann Thorac Surg* (1995) 60(5):425-427.
16. Benitz WE, Rhine WD, **Van Meurs KP**, Stevenson DK. Nitrovasodilator therapy for severe respiratory distress syndrome. *J Perinatol* (1996) 16:443-448.
17. The Neonatal Inhaled Nitric Oxide Study Group (NINOS). Inhaled nitric oxide in full term and nearly full term infants with hypoxic respiratory failure. *N Engl J Med* (1997) 336:597-604.
18. **Van Meurs KP**, Rhine WD, Asselin JM, Durand DJ and the Preemie INO Collaborative Group. Response of premature infants with severe respiratory failure to inhaled nitric oxide. *Pediatr Pulmonol* (1997) 24:319-323.
19. The Neonatal Inhaled Nitric Oxide Study Group (NINOS). Inhaled nitric oxide and hypoxic respiratory failure in infants with congenital diaphragmatic hernia. *Pediatrics* (1997) 99:838-845.
20. Rhine WD, Hartman GE, Shochat SJ, Benitz WE, **Van Meurs KP**. Hemopericardium from coronary artery laceration complicating extracorporeal membrane oxygenation. *J Perinatol* (1997) 17:189-192.
21. Lotze A, Mitchell BR, Bulas DI, Zola EM, Shalwitz RA, Gunkel JH and the Survanta Term Infants Study Group. Multicenter study of surfactant (beractant) use in the treatment of term infants with severe respiratory failure. *J Pediatr* (1998) 132:40-47.
22. Sokol GM, **Van Meurs KP**, Wright LL, Rivera O, Thorne WJ III, Chu PM, Sams RL. Nitrogen dioxide formation during inhaled nitric oxide therapy. *Clin Chem* (1999) 45(3):382-7.

23. Hintz SR, Suttner DM, Sheehan AM, Rhine WD, **Van Meurs KP**. Decreased use of neonatal extracorporeal membrane oxygenation (ECMO): How new treatment modalities have affected ECMO utilization. *Pediatrics* (2000) 106:1339-1343.
24. Hintz SR, Benitz WE, Halamek LP, **Van Meurs KP**, WD Rhine. Secondary infection presenting as recurrent pulmonary hypertension. *J Perinatol* (2000) 4:262-264.
25. The Neonatal Inhaled Nitric Oxide Study Group (NINOS). Inhaled nitric oxide in term and near-term infants: Neurodevelopmental follow-up of the Neonatal Inhaled Nitric Oxide Study Group (NINOS). *J Pediatr* (2000) 136(5):611-617.
26. Dimmitt RA, Moss RL, Rhine WD, Benitz, WE, Henry MC, **Van Meurs KP**. Venoarterial versus venovenous extracorporeal membrane oxygenation in congenital diaphragmatic hernia: The Extracorporeal Life Support Organization Registry 1990-1999. *J Pediatr Surg* (2001) 36(8):1199-1204.
27. Durand DJ, Asselin JM, Hudak ML, Aschner JL, McArtor RD, Cleary JP, **Van Meurs KP**, Stewart DL, Shoemaker CT, Wiswell TE, Courtney SE. Early high-frequency oscillatory ventilation versus synchronized intermittent mandatory ventilation in very low birth weight infants: A pilot study of two ventilation protocols. *J Perinatol* (2001) 21:221-229.
28. Hintz SR, Sheehan AM, Halamek LP, Rhine WD, **Van Meurs KP**, Benitz WE, Frankel LR. Use of bronchoscopy for congenital diaphragmatic hernia patients on extracorporeal membrane oxygenation. *Clin Intens Care* (2002) 13(2-3):101-106.
29. Colby CE, Sheehan A, Benitz W, **Van Meurs K**, Halamek LP, Moss RL. Maintaining adequate anticoagulation on extracorporeal membrane oxygenation therapy: Hemochron Junior Low Range versus Hemochron 400. *J Extra Corpor Technol* (2003) 35:35-38.
30. Konduri GG, Solimano A, Sokol GM, Singer J, Ehrenkranz RA, Singal N, Wright LL, **Van Meurs K**, Stork E, Kirpalani H, Peliowski A. Neonatal Inhaled Nitric Oxide Study Group. A randomized trial of early versus standard inhaled nitric oxide therapy in term and near-term newborn infants with hypoxic respiratory failure. *Pediatrics* (2004) 113:559-564.
31. Lally KP, Lally PA, Langham MR, Moya FR, Tibboel D, **Van Meurs KP** and the Congenital Diaphragmatic Study Group. Surfactant does not improve survival in preterm infants with congenital diaphragmatic hernia. *J Pediatr Surg* (2004) 39:829-833.
32. **Van Meurs K** and the Congenital Diaphragmatic Hernia Study Group. Is surfactant therapy beneficial in the management of the term newborn with congenital diaphragmatic hernia? *J Pediatr* (2004) 145:312-316.
33. Colby CE, Lally KP, Hintz SR, Lally PA, Tibboel D, Moya FR, **Van Meurs KP** and the Congenital Diaphragmatic Hernia Study Group. Surfactant replacement therapy on ECMO does not improve outcome in neonates with congenital diaphragmatic hernia. *J Ped Surg* (2004) 39:1632-1637.
34. **Van Meurs KP**, Cohen TL, Yang G, Somoschini M, Kuruma P, Dennery PA. Inhaled nitric oxide and markers of oxidant injury in infants with respiratory failure. *J Perinatol* (2005) 25:463-469.
35. **Van Meurs KP**, Wright LL, Ehrenkranz RA, *et al*. Inhaled nitric oxide for preterm infants with severe respiratory failure. *N Engl J Med* (2005) 353:13-22.

36. Hintz SR, Colby SE, Benitz WE, Sheehan AM, Rycus P, **Van Meurs KP**. Utilization and outcomes of neonatal cardiac ECLS, 1995-2000. *Ped Crit Care Med* (2005) 6:33-38.
37. Short BL, **Van Meurs K**, Evans JR and the Cardiology Working Group. The Newborn Drug Development Initiative (NDDI) Workshop: Summary proceedings from the Cardiology Group on Cardiovascular Instability in Preterm Infants. *Pediatrics* (2006) 117:S34-39.
38. Lally KP, Bagolan R, Hosie S, Lally PA, Stewart M, Cotton CM, **Van Meurs KP**, Alexander G, and the Congenital Diaphragmatic Hernia Study Group. Corticosteroids for fetuses with congenital diaphragmatic hernia- Can we show benefit? *J Pediatr Surg* (2006) 41:668-674.
39. Lally KP, Lally P, **Van Meurs K**, Bohn DJ, Davis CF, Rodgers B, Bhatia J, Dudell G and the Congenital Diaphragmatic Hernia Study Group. Treatment evolution in high risk congenital diaphragmatic hernia: Ten years experience with diaphragmatic agenesis. *Ann Surg* (2006) 244:505-513.
40. Evans JR, Short B, **Van Meurs K**, Sachs, HC. Cardiovascular support in preterm infants. *Clin Ther* (2006) 28:1366-1384.
41. Konduri GG, Vohr B, Robertson C, Sokol G, Solimano A, Singer J, Ehrenkranz RA, Singhal N, Wright LL, **Van Meurs K**, Stork E, Kirpalani H, Peliowski A, Johnson Y, and the Neonatal Inhaled Nitric Oxide Study Group. Inhaled nitric oxide therapy for term and near term newborns with hypoxic respiratory failure: Neurodevelopmental follow-up. *J Pediatr* (2007) 150:435-40.
42. The Congenital Diaphragmatic Study Group, Lally KP, Lally PA, Lasky RE, Tibboel D, Jaksic T, Wilson JM, Frenckner B, **Van Meurs KP**, Bohn DJ, Davis CF, Hirschl RB. Defect size determines survival in congenital diaphragmatic hernia. *Pediatrics* (2007) 120 (3):e651-7.
43. **Van Meurs KP**, Hintz SR, Ehrenkranz RA, Lemons JA, Ball MB, Poole WK, Perritt R, Das A, Higgins RD, Stevenson DK, for the Preemie Inhaled Nitric Oxide Study. Inhaled nitric oxide in infants >1500 grams and <34 weeks gestation with severe respiratory failure. *J Perinatol* (2007) 27:347-52.
44. Hintz SR, **Van Meurs KP**, Perritt R, Poole WK, Das A, Stevenson DK, Ehrenkranz RA, Lemons J, Vohr BR, Heyne R, Childers DO, Peralta-Carcelen M, Dusick A, Johnson YR, Morris B, Dillard R, Vaucher Y, Steichen J, Adams-Chapman I, Konduri G, Myers GJ, de Ungria M, Tyson JE, Higgins RD, for the NICHD Neonatal Research Network. Neurodevelopmental outcomes of the NICHD randomized controlled trial of inhaled nitric oxide for premature infants with severe respiratory failure. *J Pediatrics* (2007) 151:16-22.
45. Hintz SR, Slovis R, Bulas D, **Van Meurs KP**, Perritt R, Stevenson DK, Poole WK, Das A, Higgins RD, for the NICHD Neonatal Research Network. Interobserver reliability and accuracy of cranial ultrasound scanning interpretation in premature infants. *J Pediatrics* (2007) 150; 592-6.
46. Ambalavanan N, **Van Meurs KP**. Perritt R, Carlo WA, Ehrenkranz RA, Stevenson DK, Lemons JA, Poole WK, Higgins RD, for the NICHD Neonatal Research Network. Predictors of death or bronchopulmonary dysplasia in preterm infants with respiratory failure. *J Perinatology* (2008) 28:420-6.
47. Morris BH, Oh W, Tyson JE, Stevenson DK, Phelps DL, O'Shea TM, McDavid GE, Perritt R**,** **Van Meurs KP**, Vohr BR, Grisby C, Yao Q, Pedroza C, Das A. A multi-center trial of aggressive versus conservative phototherapy for extremely low birth weight infants. *NEJM* (2008) 359; 1897-1996.

48. Chock VY, **Van Meurs KP**, Hintz SR, Ehrenkranz RA, Lemons JA, Kendrick D, Stevenson DK, for the Preemie Inhaled Nitric Oxide Study. Inhaled nitric oxide for preterm premature rupture of membranes, oligohydramnios, and suspected pulmonary hypoplasia. *Am J Perinatol* (2009) 26:317-22.
49. Bhandari V, Finer NN, Ehrenkranz RA, Saha S, Das A, Walsh MC, Engle WA, **Van Meurs KP**, on behalf of the Neonatal Research Network. Synchronized nasal intermittent positive pressure ventilation and neonatal outcomes: A retrospective study. *Pediatrics* (2009) 124:517-26.
50. Wilson-Costello D, Walsh MC, Langer JC, Guillet R, Laptook AR, Stoll BJ, Shankaran S, Finer NN, **Van Meurs KP**, Engle WA, Das A, for the Eunice Kennedy Shriver NICHD Neonatal Research Network. Impact of postnatal corticosteroid use on neurodevelopmental outcome at 18 to 22 months' adjusted age: Effects of dose, timing, and risk of bronchopulmonary dysplasia in extremely low birth weight infants. *Pediatrics* (2009) 123:e430-7.
51. D'Angio CT, Heyne RJ, O'Shea TM, Schelonka RL, Shankaran S, Duara S, Goldberg RN, Stoll BJ, **Van Meurs KP**, Vohr BR, Das A, Li L, Burton RL, Hastings B, Phelps DL, Sanchez PJ, Carlo WA, Stevenson DK, Higgins RD. Heptavalent pneumococcal conjugate vaccine immunogenicity in very-low-birth-weight premature infants. *Pediatr Infect Dis J* (2010) 29:600-606.
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65. Andrus JP, Derish MT, Frankel LR, Rhine WD, **Van Meurs KP**. Does response to low-dose inhaled nitric oxide predict outcome of children with severe respiratory failure? Western Society for Pediatric Research. Carmel, CA. February 11-13, 2000.

66. Andrus JP, Derish MT, Frankel LR, Rhine WD, **Van Meurs KP**. Does response to inhaled nitric oxide predict outcome of children with severe respiratory failure? Annual meeting of the American Thoracic Society. Toronto, Canada. May 5-10, 2000.
67. Andrus JP, Derish MT, Frankel LR, Rhine WD, **Van Meurs KP**. Does inhaled nitric oxide facilitate ventilator weaning in children with severe respiratory failure? Annual meeting of the American Thoracic Society. Toronto, Canada. May 5-10, 2000.
68. Mickas N, **Van Meurs KP**. Continuous tidal volume monitoring and its impact on carbon dioxide levels in the very low birth weight infant. American Academy of Pediatrics 2000 Annual Meeting. Chicago, IL. October 28, 2000.
69. Dimmit RA, Moss RL, Rhine WD, Henry MC, **Van Meurs KP**. Venoarterial versus venovenous extracorporeal membrane oxygenation in congenital diaphragmatic hernia: 1990-1999. American Academy of Pediatrics 2000 Annual Meeting. Chicago, IL. October 28, 2000.
70. Dimmitt RA, Moss RL, Rhine WD, Benitz WE, **Van Meurs K**. Venoarterial versus venovenous extracorporeal membrane oxygenation in congenital diaphragmatic hernia: The Extracorporeal Life Support Organization Registry 1990-1999. 17th Annual Children's National Medical Center Symposium on ECMO and Advanced Therapies for Respiratory Failure. Keystone, CO. February 25-March 1, 2001.
71. Hintz SR, Sheehan AM, Frankel LR, Halamek LP, Rhine WD, **Van Meurs KP**, Benitz WE. Bronchospcopy as adjuvant therapy for congenital diaphragmatic hernia on ECMO. 17th Annual Children's National Medical Center Symposium on ECMO and Advanced Therapies for Respiratory Failure. Keystone, CO. February 25-March 1, 2001.
72. Colby C, Sheehan A, Moss L, Benitz W, **Van Meurs K**, Halamek L. Maintaining adequate anticoagulation, Hemachron 400 versus Hemachron Jr. 18th Annual Children's National Medical Center Symposium on ECMO and Advanced Therapies for Respiratory Failure. Keystone, CO. February 24-28, 2002.
73. Colby C, Pompeu R, Anderson J, Drohan L, **Van Meurs K**, Rosenthal D. Can clinical factors predict an improvement in oxygenation with inhaled nitric oxide therapy? Society for Pediatric Research. Baltimore, MD. May 2002.
74. Hintz SR, Colby C, Rycus P, Benitz WE, Sheehan AS, **Van Meurs KP**. Outcomes and descriptors of neonatal cardiac ECLS: 1996-2000.19th Annual Children's National Medical Center Symposium on ECMO and Advanced Therapies for Respiratory Failure. Keystone, CO. February 23-27, 2003.
75. Hintz SR, Benitz WE, **Van Meurs KP**, Padidar AM, Halamek LP. Retroperitoneal hemorrhage post-ECMO. 19th Annual Children's National Medical Center Symposium on ECMO and Advanced Therapies for Respiratory Failure. Keystone, CO. February 23-27, 2003.
76. **Van Meurs KP** and the Congenital Diaphragmatic Study Group. Is surfactant therapy beneficial in the management of the term neonate with congenital diaphragmatic hernia? Society for Pediatric Research. Seattle, WA. May 4, 2003.
77. Sheehan AM, **Van Meurs KP**, Benitz WE. Changing ACT Devices: One Center's Experience. 20th Annual Children's National Medical Center Symposium on ECMO and Advanced Therapies for Respiratory Failure. Keystone, CO. February 22-26, 2004.

78. **Van Meurs KP**, Stevenson DK, Ehrenkranz RA, Lemons JA, Poole WK, Perritt R, Higgins RD, Wright LL. Inhaled nitric oxide for preterm infants with severe respiratory failure. Society for Pediatric Research. San Francisco, CA. May 3, 2004.
79. **Van Meurs KP**, Benitz WE, Hintz SR, Bender RH. Does oxygenation index correlate with outcome in premature infants with respiratory failure? Society for Pediatric Research. Washington, DC May 16, 2005.
80. Hintz SR, **Van Meurs K**. Reliability and accuracy of cranial ultrasound in the NICHD randomized controlled trial of inhaled nitric oxide for premature infants with severe respiratory failure. Pediatric Academic Society. San Francisco, CA May 2, 2006.
81. Hintz SR, **Van Meurs K**. Neurodevelopmental outcomes of the NICHD randomized controlled trial of iNO for premature infants with severe respiratory failure. Pediatric Academic Society. San Francisco, CA, May 2, 2006.
82. Sokol GM, **Van Meurs K**. Does inhaled nitric oxide exhibit dose related toxicity in the premature infant with severe respiratory failure. Pediatric Academic Society. San Francisco, CA, May 2, 2006.
83. Chock V, **Van Meurs K**. Inhaled nitric oxide for premature prolonged rupture of membranes, oligohydramnios, and suspected pulmonary hypoplasia: PiNO trial results. Pediatric Academic Society. San Francisco, CA, May 2, 2006.
84. Ambalavanan N, **Van Meurs K**. Predictors of death/BPD in preterm infants with respiratory failure. Pediatric Academic Society. San Francisco, CA, May 2, 2006.
85. Turbow R, **Van Meurs K**, Fanaroff J. Malpractice and ECMO. 23rd Annual Children's National Medical Center Symposium on ECMO and Advanced Therapies for Respiratory Failure. Keystone, CO. February 26-March 1, 2007.
86. Chock VY, **Van Meurs KP**, Chandra Ramamoorthy C, Lazzeroni LC, Stevenson DK. Cerebral monitoring with near-infrared spectroscopy in neonates requiring medical or surgical treatment for a patent ductus arteriosus. 4th International Conference on Brain Monitoring and Neuroprotection in the Newborn. Orlando FL, February 20-22, 2009.
87. Davis A, **Van Meurs K**, Lei L, Hintz S. Seizures in extremely low birth weight infants: Association with morbidities, neurodevelopmental outcome and death. Pediatric Academic Society, Baltimore, MD, May 2-5, 2009.
88. Chock VY, Ramamoorthy C, Lazzeroni LC, Stevenson DK, **Van Meurs KP**. Cerebral oxygenation differences in neonates treated for a patent ductus arteriosus with indomethacin or surgical ligation. Pediatric Academic Society, Baltimore, MD, May 2-5, 2009.
89. **Van Meurs KP**, Chock VY, Hintz SR, Ehrenkranz RA, Lemons J, Kendrick D, Stevenson D. Inhaled Nitric Oxide for Preterm Premature Rupture of Membranes, Oligohydramnios, and Pulmonary Hypoplasia, 20th Annual International Perinatal Collegium, Newport, Rhode Island, July 19-22, 2009.
90. Chock V, Ramamoorthy C, Buchin A, Stevenson D, **Van Meurs K**. Impairment of autoregulation in neonates treated for a patent ductus arteriosus with indomethacin or surgical ligation. Pediatric Academic Society, Vancouver, Canada, May 1-4, 2010.

91. Askie L, Ballard R, Cutter G, Dani C, Elbourne D, Field D, Hascoet J, Kinsella J, Mercier J, Rich W, Schreiber M, Subhedar N, **Van Meurs K**, Voysey M, Barrington K, Ehrenkranz R, Finer N. Inhaled nitric oxide in preterm infants: An individual patient data meta-analysis. Pediatric Academic Society, Vancouver, Canada, May 1-4, 2010.
92. Chang IJ, **Van Meurs KP**, Stevenson DK, Chock VY. Near-infared spectroscopy monitoring of regional oxygenation during packed red blood cell transfusions in preterm infants. Pediatric Academic Societies and Asian Society for Pediatric Research, Denver, Colorado, May 3, 2011. E-PAS2011:4521.286
93. Trinh VT, Davis AS, **Van Meurs KP**. Peri-operative monitoring of VLBW infants using aEEG. Pediatric Academic Societies and Asian Society for Pediatric Research, Denver, Colorado, April 30, 2011. E-PAS2011:1425.290
94. **Van Meurs K**, Akula VP, Davis AS, Gould J. Therapeutic hypothermia during neonatal transport in 2010: Data from the California Perinatal Quality Care Collaborative (CPQCC) and the California Perinatal Transport System (CPeTS). International Perinatal Collegium XXII Biennial Meeting, Amalfi, Italy, June 25-29, 2011.
95. Akula VP, Gould J, Davis A, Hackel A, Oehlert J, **Van Meurs K**. Therapeutic Hypothermia During Neonatal Transport: Data from the California Perinatal Quality Care Collaborative (CPQCC) and California Perinatal Transport System (CPeTS) for 2010. Pediatric Academic Societies and Asian Society for Pediatric Research, Boston, Massachusetts, May 1, 2012. E-PAS2012:4507:72
96. Konduri GG, Sokol GM, **Van Meurs KP**, Singer J, Ambalavanan N, Lee T, Solimano A. Early Use of Surfactant and Inhaled Nitric Oxide (INO) Decreases the Risk of Death/ECMO in Neonates with Moderate Respiratory Failure: Sub−Group Analysis of Early INO Trial in Term/Near Term Infants with Hypoxic Respiratory Failure (HRF). Pediatric Academic Societies Annual Meeting, Boston, Massachusetts, April 28, 2012. E-PAS2012:1675.3
97. Chock VY, Oza A, Whittemore AS, **Van Meurs KP**, Silverman NH, Punn R. Predictors of bronchopulmonary dysplasia or death in preterm infants with a patent ductus arteriosus. Pediatric Academic Societies Annual Meeting, Boston, Massachusetts, April 28, 2012. E-PAS2012:1533:550
98. Chock VY, Barlow A, Sebastian VA, **Van Meurs KP**, Reddy VM. Congenital heart disease and prematurity: A comparison of short term outcomes. Pediatric Academic Societies Annual Meeting, Boston, Massachusetts, April 29, 2012. E-PAS2012:2901:18
99. Kracer B, Hintz SR, **Van Meurs KP**, Lee HC. Hypoxic ischemic encephalopathy in the cooling era: Short term outcomes in the state of California. Western Society for Pediatric Research, Carmel, California, January 25, 2013. Abstract 196 (WSPR Mead Johnson Travel Award winner)
100. Truog W, Nelin L, Das A, Kendrick D, Higgins R, Stoll B, Walsh M, Bell E, Carlo W, Laptook A, Sanchez R, Shankaran S, **Van Meurs K**. Inhaled nitric oxide usage in the NICHD Neonatal Research Network: Inter-site variability and propensity analysis. Pediatric Academic Societies Annual Meeting, Washington, D.C., May 7, 2013. E-PAS2013:4165.8
101. Kracer B, **Van Meurs KP**, Hintz SR, Lee HC. Short term outcomes of neonatal hypoxic ischemic encephalopathy in California: The cooling era. Pediatric Academic Societies Annual Meeting, Washington, D.C., May 7, 2013. E-PAS2013:2165.6

Invited Lectures

1. Obstetric/Gynecology Grand Rounds, George Washington University Medical Center, "Extracorporeal membrane oxygenation in newborn respiratory failure" September 20, 1989.
2. Pediatric Grand Rounds, The New York Hospital, Cornell Medical Center, "What's new in ECMO", January 17, 1990.
3. Pediatric Grand Rounds, Santa Clara Valley Medical Center, "Meconium aspiration syndrome and persistent pulmonary hypertension of the newborn", November 14, 1990.
4. 12th Annual Meeting of the Mid-coastal California Perinatal Outreach Program, Monterey, CA, "Differential diagnosis of newborn hypoxemia", March 26, 1992.
5. Pediatric Grand Rounds, Salinas Memorial Hospital, "Approach to the Cyanotic Newborn", April 17, 1992.
6. 1st Annual Arnold H. Einhorn Lectureship in Pediatrics, Children's National Medical Center, Washington, DC, "ECMO and lung transplantation", May 16, 1992.
7. Pediatric Grand Rounds, Lucile Salter Packard Children's Hospital at Stanford, "ECMO update", June 19, 1992.
8. Second Annual Western Conference on Perinatal Medicine and Nursing, San Francisco, CA, "Updated look at ECMO", August 29, 1992.
9. American Academy of Pediatrics, 1992 Annual Meeting, Section on Perinatal Pediatrics. State-of-the-Art Series, Update for the Practicing Pediatrician, "Neonatal persistent pulmonary hypertension and ECMO", October 12, 1992.
10. Lucile Salter Packard Children's Hospital, Update Series - Neonatology, "Neonatal respiratory failure: Treatment alternatives," October 1, 1993.
11. 14th Annual Meeting of the Mid-coastal California Perinatal Outreach Program, Monterey, CA, "Options and outcome for infants with respiratory failure-high frequency ventilation, ECMO, and nitric oxide," January 27, 1994.
12. Western Society for Pediatric Research, Carmel, CA, State-of-the-Art Lecture, "Nitric oxide therapy: Facts and unanswered questions", February 10, 1995.
13. Pediatric Grand Rounds, Lucile Salter Packard Children's Hospital at Stanford, "Update on the clinical use of inhaled nitric oxide", May 5, 1995.
14. Loma Linda ECMO Training Course, Loma Linda, CA, "Weaning and trial-off ECMO" and "ECMO emergencies", October 9, 1995.
15. High Sierra Critical Care Conference, Reno, NV, "Differential diagnosis of cyanosis in newborns" and "Inhaled nitric oxide therapy in the neonatal intensive care unit", February 23, 1996.
16. ALA/ATS International Conference, San Francisco, CA, "Adjunct therapies in the management of congenital diaphragmatic hernia", May 19, 1997.
17. 14th Annual CNMC Symposium on ECMO and Advanced Therapies for Respiratory Failure, Keystone, CO, "Nuts and bolts of venovenous ECMO," March 1-5, 1998.
18. 15th Annual CNMC Symposium on ECMO and Advanced Therapies for Respiratory Failure, Keystone, CO, "Weaning and decannulation," February 22-25, 1999.

19. 3rd Annual Loma Linda ECMOlogy Course, Loma Linda, CA, "ECMO and congenital diaphragmatic hernia," June 13, 2000.
20. CHEST 2000, San Francisco, CA, "Inhaled nitric oxide therapy in the intensive care nursery," October 23, 2000.
21. Society for Pediatric Research, Baltimore, MD, "Neonatal controversies: Expanded uses of nitric oxide in the neonate," May 1, 2001.
22. 20th Annual CNMC Symposium on ECMO and Advanced Therapies for Respiratory Failure, Keystone, CO, "Controversial issues in ECLS: The pro/con debates - Should premature infants <34 weeks gestation be placed on ECMO?" February 23, 2004.
23. 7th Scientific Advisory Board Meeting for INO Therapeutics, Woods Hole, MA, "NIH Neonatal Network premature infant trial results," September 13-14, 2004.
24. Pediatric Grand Rounds, Lucile Packard Children's Hospital at Stanford, "Clinical trials of inhaled nitric oxide use in the premature infant," December 3, 2004.
25. Hot Topics in Neonatology 2004, Washington, DC, "iNO for premature infants," December 12-14, 2004.
26. New Directions in Nitric Oxide Therapy, Houston, TX, "Inhaled nitric oxide for the premature infant with respiratory distress syndrome," January 14, 2005.
27. 16th Annual ELSO Conference, Houston, TX, "Pulmonary vasodilators- What's new with inhaled nitric oxide?" September 16, 2005.
28. Mid-Coastal California Perinatal Outreach Program, 2006 Annual Meeting (Perinatal Potpourri), Monterey, California, "Inhaled nitric oxide use in the premature infant", January 19, 2006.
29. 12th Annual Conference California Association for Neonatology: Current Topics and Controversies in Perinatal and Neonatal Medicine, San Diego, California, "Update on the uses of inhaled nitric oxide in the premature infant with respiratory distress syndrome", March 4, 2006.
30. Scientific Advisory Board, INO Therapeutics, La Jolla, California, "Inhaled nitric oxide use in the premature infant with respiratory distress syndrome: What's next?" SPA June 3-5, 2006.
31. Expert Advisory Panel, INO Therapeutics, Chicago, Illinois, "Inhaled nitric oxide use for premature infants with severe respiratory failure," June 24, 2006.
32. The 22nd Annual Fetus and Newborn: State-of-the-Art Care, San Francisco, California, "Update on Nitric Oxide," October 25, 2006.
33. The 23rd Annual Children's National Medical Center Symposium on ECMO and Advanced Therapies for Respiratory Failure, Keystone, Colorado, The Great Debate: The NICHD Preemie inhaled Nitric Oxide Trial, February 27, 2007.
34. Expert Advisory Panel, Ikaria, San Francisco, California, "NICHD PiNO trial and neurodevelopmental outcome results," July 27, 2007.
35. SPA/AAP Pediatric Anesthesiology 2008, San Diego, California, "State of the Art: Respiratory Distress Syndrome," April 5, 2008.
36. 29th Annual Mid-Coastal Perinatal Outreach Program Perinatal Potpourri, Monterey, California, "Induced Hypothermia for Hypoxic Ischemic Encephalopathy," January 23, 2009.

37. 20th Annual International Perinatal Collegium, Newport, Rhode Island, "Inhaled Nitric Oxide for Preterm Premature Rupture of Membranes, Oligohydramnios, and Pulmonary Hypoplasia," July 19-22, 2009.
38. 5th Annual Intensive Course in Clinical Research, SPECTRUM Child Health, Palo Alto, CA, "How to get a K grant," September 16, 2010.
39. NIH Consensus Development Conference jointly sponsored by NHLBI, NICHD and OMAR: Inhaled Nitric Oxide for Premature Infants. Invited expert, "Inhaled nitric oxide for premature infants with severe respiratory failure: PiNO trial results", Natcher Center, Bethesda, Maryland, October 27-29, 2010.
40. Pediatric Mentoring Program, Moderator and speaker for K panel, "How to get a NIH K Career Development Award", LKSC, Stanford, California, November 3, 2010.
41. 6th Annual Intensive Course in Clinical Research, SPECTRUM Child Health, Palo Alto, CA, "How to get a K grant", September 15, 2011.
42. 2011 Neonatal Regional Conference: Planting the Seeds of Change, "Therapeutic hypothermia for HIE: Trial results and ongoing challenges", Children's Hospital Central California, Fresno, California, October 14, 2011.
43. Contemporary Management of Neonatal Pulmonary Disorders Conference, "Neonatal ECMO: Changes in Demographics, Practices, and Outcomes", Tempe, Arizona, November 3, 2011.
44. Contemporary Management of Neonatal Pulmonary Disorders Conference, "Inhaled Nitric Oxide in Preterm Infants: Promising Therapy or Expensive Gimmick?", Tempe, Arizona, November 4, 2011.
45. UCSF Neonatal-Perinatal Conference, Transport cooling practices in 2010 and opportunities for quality improvement, San Francisco, California, November 17, 2011.
46. RQI Committee Meeting, California Perinatal Transport System (CPeTS), "Therapeutic hypothermia during neonatal transport: Data from CPeTS and CPQCC for 2010". Richmond, California, December 15, 2011.
47. Neonatology seminar, University of North Carolina, "Prediction of outcome in newborns with hypoxic ischemic encephalopathy using aEEG", Chapel Hill, North Carolina, March 23, 2012.