



WALDEMAR A. CARLO, M.D.

Professor of Pediatrics
Director, Division of Neonatology

HOSPITAL APPOINTMENTS:

1991 - Present Director, Newborn Nurseries
University of Alabama Medical Center and
The Children's Hospital of Alabama

1991- Present Medical Director, Neonatal Critical Care
Transport University Hospital

EDUCATION

Degrees:

1970 - 1973 University of Puerto Rico, Mayaguez, Puerto Rico
Bachelor of Science

1973 - 1977 University of Puerto Rico Medical Sciences Campus
San Juan, Puerto Rico
Doctor of Medicine

TRAINING

1977 - 1980 Pediatric Internship and Residency, University Children's
Hospital, Puerto Rico Medical Center, San Juan, Puerto Rico

1979 - 1980 Chief Resident in Pediatrics, University Children's Hospital, Puerto Rico Medical
Center, San Juan, Puerto Rico

1980 - 1982 Neonatology Fellowship, Rainbow Babies and Children's Hospital, Cleveland,
Ohio

1991- Present Medical Director, Neonatal Critical Care Transport
University Hospital

AWARDS

2007 Guide to America's Top Pediatricians, 2007

2007 University of Alabama School of Medicine Argus Society Award for Excellence in
Teaching 2006-2007

RESEARCH AWARDS AND GRANTS

HD34216-10 4/1/01-3/31/06

NIH

Multicenter Network of Neonatal Intensive Care Units.

The major goals of this project are to work with the NICHD and the Steering Committee to prioritize, plan, implement, analyze, interpret, and report a series of randomized and observational studies.

Role: PI

HD 43464-03

9/28/03-4/30/08

NIH

Global Network for Women's and Children's Health Research

The major goals of this project are to establish an innovative and flexible research network that will be responsive to the most critical existing and emerging health needs and public health problems of women and children, in developing countries.

Role: PI

TW-06703-02

9/28/03-02/28/06

NIH

BRAIN Planning Grant for the Developing World

The long term goal of the proposal is to broaden research collaborations and to build sustainable capacity to prevent or reduce neurodevelopmental sequelae resulting from perinatal asphyxia and other important causes of neurodevelopmental impairment in children.

Role: PI

Maternal and Child Health Bureau: March 2006 – February 2007

Project Title: Heart Rate Characteristic Analysis in Neonatal Sepsis

Role: Principal Investigator

TDC: \$123,432

American Academy of Pediatrics: January 2006 – December 2006

Project: Newborn Ventilation in the Delivery Room: Could We do it Better with a Mechanical Device?

Role: Principal Investigator

TDC: \$20,000

PUBLICATIONS

1. Goldenberg RL, Andrews WW, Goepfert AR, Faye-Petersen O, Cliver SP, Carlo WA, Hauth JC. The Alabama Preterm Birth Study: umbilical cord blood *Ureaplasma urealyticum* and *Mycoplasma hominis* cultures in very preterm newborn infants. *Am J Obstet Gynecol* 198:43.e1-5, 2008.
2. Andrews WW, Cliver SP, Biasini F, Peralta-carcelen AM, Rector R, Alriksson-Schmidt AI, Faye-Petersen O, Carlo W, Goldenberg R, Hauth JC. Early preterm birth: association between in utero exposure to acute inflammation and severe neurodevelopmental disability at 6 years of age. *Am J Obstet Gynecol*. 2008 198:466, 2008.

3. Ambalavanan N, Van Meurs KP, Perritt R, Carlo WA, Ehrenkranz RA, Stevenson DK, Lemons JA, Poole WK, Higgins RD. Predictors of death or bronchopulmonary dysplasia in preterm infants with respiratory failure. J Perinatol. Mar 2008.
4. Miller JD, Carlo WA. Pulmonary complications of mechanical ventilation in neonates. Clin Perinatol 35:273-81, 2008.