

RN₂

Regional Neonatal News & Notes

September, 2005



Vitamin A

In reviewing charts of infants transferred back to your facility, you may have noticed that early in the infant's hospital stay they received Vitamin A. Vitamin A is necessary for the lungs to grow normally and to maintain the integrity of the epithelial cells lining the respiratory tract. It is known that preterm infants have low amounts of Vitamin A at birth. This has been associated with an increased risk of developing chronic lung disease. The literature concludes that supplementing very low birth weight infants with Vitamin A, early in their hospitalization, is associated with a reduction in death or oxygen requirements at one month of age. Vitamin A supplementation is also associated with a reduction in oxygen requirements at 36 weeks' post-menstrual age for surviving infants whose birth weight was <1000 grams.

The medical team at CFVMC, after reviewing the current research literature, decided to implement the use of this drug. Vitamin A is now given to all infants less than 30 weeks' gestation.



It is given 3 times a week for 4 weeks for a total of 12 doses. The dose is 5000 IU and is given IM using a 30 gauge needle.



We will be following the outcomes of those infants who received Vitamin A to determine if it has helped our population.



Congratulations!!! to the following facilities and perinatal staffs for successful completion of educational offerings:

NORTHEAST

Eastern Maine Medical Center, Bangor, Maine

SOUTHEAST

ALABAMA

The Medical Center, Salem, AL

ARKANSAS

Jefferson Regional Medical Center, Pine Bluff, AR

GEORGIA

Columbus Regional Medical Center, Columbus, GA

Emory Eastside Medical Center, Snellville, GA

Grady Health System, Atlanta, GA

Northside Hospital, Atlanta, GA

Northside Hospital-Cherokee, Canton, GA

Piedmont Mountainside Hospital, Jasper, GA

Southern Regional Medical Center, Riverdale, GA

The Medical Center, Columbus, GA

MISSISSIPPI

University Medical Center, Jackson, MS

MARYLAND

Malcolm Grow Medical Center, Andrews AFB, MD

NORTH CAROLINA

Caldwell memorial Hospital, Lenoir, NC

Cape Fear Valley Health System, Fayetteville, NC

Carolinas MC—Pineville, Pineville, NC

Carteret General Hospital, Morehead City, NC

Chowan Hospital, Edenton, NC

Cleveland Regional Medical Center, Shelby, NC

Columbus Regional Healthcare System, Whiteville, NC

Duke University Medical Center, Durham, NC

First Health of the Carolinas—Moore Regional Hospital, Pinehurst, NC

Frye regional Medical Center, Hickory, NC

Grace Hospital, Morganton, NC

Halyburton Naval Hospital, Cherry Point, NC

Heritage Hospital, Tarboro, NC

High Point Regional Hospital, High Point, NC

Lexington Memorial Hospital, Lexington, NC

Mission Hospitals, Asheville, NC

McDowell Hospital, Marion, NC

Murphy Medical Center, Murphy, NC

Nash General Hospital, Rocky Mount, NC

Northeast Medical Center, Concord, NC

Onslow Memorial Hospital, Jacksonville, NC

Outer Banks Hospital, Nags Head, NC

PCMH-Children's Hospital of Eastern NC, Greenville, NC

Presbyterian Hospital, Charlotte, NC



(Continued from page 2)mother baby.....

Raleigh Community Hospital, Raleigh, NC
Randolph Hospital, Asheboro, NC
Rex Healthcare, Raleigh, NC
Robeson Public Health Department, Raeford, NC
Sampson Regional Medical Center, Clinton, NC
Scotland Memorial Hospital, Laurinburg, NC
University Hospital, Charlotte, NC
Wake Forest University—Brenner Children's Hospital, Winston-Salem, NC
WakeMed, Raleigh, NC

SOUTH CAROLINA

McLeod Health System, Florence, SC
Palmetto Health—Richland Memorial Hospital, Columbia, SC

TENNESSEE

Summit Hospital, Madison, TN
Metro General Hospital, Nashville, TN

MIDWEST

MICHIGAN

Beaumont Hospital, Troy, MI
Children's Hospital of Michigan, Detroit, MI
Devos Children's Hospital, Grand Rapids, MI
Oakwood Hospital, Dearborn, MI

SOUTHWEST

TEXAS

St. Joseph's Hospital, Bryan, TX
Spohn South Hospital, Corpus Christi, TX

The Medical Center of Aurora—
South Campus, Aurora, CO



WEST COAST

CALIFORNIA

Children's Hospital of LA, Los Angeles, CA
Kaiser Hospital, San Diego, CA
William & Mary Hospital, Torrance, CA

OUTSIDE USA

Minal X-Ray Clinic, Surat Guj, India

Congratulations!!!!

& Thank You To Everyone

.....Stacey



**Fall Update 2005
Annual Perinatal, Neonatal
& Pediatric Conference**

When: Friday, Oct. 14, 2005
Time: 0750-1630 hrs with registration starting at 0730 hrs
Where: Holiday Inn Bordeaux
Fayetteville, NC
Cost: \$55, conference, syllabus and lunch included
Spaces still available.

For additional information please contact:
Julie Slusser, Outreach Secretary
PH: 910.609.7010 (0800-1630 hrs)
Email jslusser@capefearvalley.com

If you are unable to attend this year but would like to be placed on the mailing list please contact Julie.



COLORADO

The Medical Center of Aurora,
Aurora, CO