

News of The Academy of Neonatal Nursing

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Editor

The 5th National Advanced Practice Neonatal Nurses Conference

Building the Evidence: Supporting the Practice

Miami, Florida, April 24–26, 2008

This year's conference lineup is definitely one of our best yet! Just a sampling of evidence-based topics and discussions includes "Proteomics: The Future of Neonatal-Perinatal Medicine," "Boggy Baby Syndrome," "Mortality and Morbidity Related to Multiple Births," and "Cytokines: What Are They and What Do They Do?" Earn an additional 2.5 continuing education credits by signing up for the lunch and breakfast symposiums. The Friday lunch symposium, "How to Interpret a Cochrane Review," presented by Sharyn Gibbins, PhD, will address a systematic and meaningful approach to interpretation of evidence. Dr. Gibbins is the head of interdisciplinary research and evidence-based practice at the Sunnybrook Health Science Centre in Ontario, Canada. Saturday's breakfast symposium, "Workforce Issues for Neonatal Nurse Practitioners," presented by Margaret Steinbach, RN, MSN, ARNP, vice president of advanced practitioners of the Pediatrix Group in Sunrise, Florida, will tackle workforce issues including benefits, salary, and staffing requirements in the face of a nursing shortage. Purchasing tickets for both together saves you \$5.

Be sure to attend the podium presentation sessions where neonatal professionals will discuss how their NICUs ventilate very low birth weight babies to optimize lung

volume and prevent lung injury and how low birth weight infants are fed on their units. Clinical, case study, and research poster presentations will be offered as well.

April is the perfect time to visit Miami, Florida, where the average daytime temperature is 85°F (29°C). Our beautiful conference venue, the Hyatt Regency Hotel and Conference Center, overlooks famous Biscayne Bay in the heart of downtown. **Register today online at academyonline.org.**

The 2008 Academy of Neonatal Nursing Awards and Scholarships

Nominations are now being accepted for the 2008 Academy of Neonatal Nursing Excellence in Neonatal Practice Award. ANN wishes to recognize the accomplishments of neonatal nurses who strive to provide the best care for their patients and have an unbending will to do their best. The 2007 Academy of Neonatal Nursing Excellence in Neonatal Practice Award recipient was Cheryl Briggs, RNC, of Annapolis, Maryland. She works at the Anne Arundel Medical Center NICU and is best known for her award-winning photographs of her patients and their families. She became interested in photography when she realized the Polaroid photo images that were posted in her unit faded with time. These pictures may be the only image parents ever have of their baby, so she raised the money for her unit to purchase a digital camera and printer dock. "Her goal with pictures," according to the nominating nurse, Laurie Ferguson, "is to provide special memories for parents. It may be the first bath, first

time with nothing on the face, first time being held by a parent. The photography is only the tip of the iceberg of Cheryl's special touch with her patients. She handles assignments with the greatest of care—every family being equal." Cheryl's photos have been published in maternal-child textbooks, *Preemie* magazine, and on the cover of *Neonatal Network*[®]. She recently received her certification in high-risk neonatal nursing, and was nominated for preceptor of the year.

ANN is also offering two scholarships: The Academy of Neonatal Nursing Conference Scholarship Award and The Academy of Neonatal Nursing Scholarship Award. If you are attending school, pursuing academic advancement in neonatal nursing, or wish to attend the October 8–11, 2008, National Neonatal Nurses Meeting in Washington, DC, these scholarships can really help. The deadline for completed scholarship applications is June 1, 2008. The application for the Excellence in Practice Award is due August 1, 2008. For more information, please go to academyonline.org. and click on "Scholarships and Awards."

Win a Library of Books for Your Unit!

Recruit your colleagues and win a library of selected books from the Academy and NICU Ink Bookstore! The winning unit is the one with the highest percentage of nurses who are active Academy members—by joining as new members, renewing, or being current members. This membership drive expires July 31, 2008. Here are the contest rules:

- Participating units must have at least 20 employees (not FTEs).
- Qualifying memberships expire after July 31, 2008.
- Entry must be postmarked no later than July 31, 2008.

Entry should include the following: Newly recruited members—applications and payments; Renewing members—applications and payments; List of current Academy of Neonatal Nursing members as of July 31, 2008; Number of nurses employed in the unit.

The unit with the highest percentage of Academy of Neonatal Nursing members will win a library of selected books*.

The winning unit will be notified by September 1, 2008 and will be recognized at the 8th National Neonatal Nurses Meeting, in Washington, DC, October 9–11, 2008.

*Donated by the Academy of Neonatal Nursing and NICU Ink Books

The Institute for Safe Medicine Practice and Medical Abbreviations

The Institute for Safe Medicine Practice (ISMP) is a nonprofit organization "devoted entirely to medication error prevention and safe medicine use." The institute began its efforts in 1975 with a column in the publication *Hospital Pharmacy*. Today, ISMP, together with United States Pharmacopeia Medical Errors Reporting Program, works directly with the pharmaceutical industry to prevent errors from mislabeling, device design, labeling, and packaging. ISMP "does not receive advertising revenue and depends entirely on donations, educational grants, newsletter subscriptions, and volunteer efforts to pursue its life saving work."

In 2004, the Joint Commission on Accreditation of HealthCare Organizations mandated the implementation of its "Do Not Use List." (To view list, go to www.jointcommission.org/PatientSafety/DoNotUseList/). ISMP does not feel the list goes far enough, because medical abbreviations contribute to the 7,000 deaths per year from medical errors. In her article, "Abbreviations and Acronyms in Healthcare: When Shorter Isn't Sweeter," Ivy Fenton Kuhn, MSN, CRNP, CNOR, offers a more extensive listing of common misinterpretations of abbreviations and acronyms. The list can be found with her article at medscape.com/viewarticle/566966. More information about the Institute for Safe Medical Practice can be found at www.ismp.org.

The American Academy of Pediatrics Committee on Fetus and Newborn Recommends that NICUs Discourage Cobedding

According to a recent study in *Pediatrics*, babies who were cobedded in the hospital are likely to cobed at home, a practice discouraged by the American Academy of Pediatrics Task Force on Sudden Infant Death Syndrome (SIDS) and the National Institute of Child Health and Development (NICHD). In a commentary published in *Pediatrics* in 2007, Tomashek and Wallman reviewed literature on the practice of cobedding multiples published from 1990 through June 2006. Ten articles were reviewed by these authors.¹ Two studies found that parents whose infants cobedded while hospitalized were more likely to follow the same practice at home than parents of separately bedded multiples. In one study reviewed, all infants who were cobedded in the hospital cobedded at home.² Although neither safety nor benefit from cobedding was

found in published literature, the studies reviewed did demonstrate that preterm multiples may be at a theoretically increased risk of SIDS. Cobedding may cause overheating and rebreathing of carbon dioxide. Differences in sleep and feeding patterns between the premature multiples who are cobedded can also cause sleep disruptions resulting in infant sleep deprivation. Although many hospitals continue to cobed, NICU nurses should encourage parents to follow established safe sleep practices at home.

1. Tomashek, K., & Wallman, C. (2007). Cobedding twins and higher-order multiples in a hospital setting. *Pediatrics*, 120, 1359–1366.
2. Stainton, C., Jozsa, E., & Fethney, J. (2005). Responses to cobedding of low birth weight twins in neonatal intensive care. *Journal of Neonatal, Paediatric, and Child Health Nursing*, 8, 4–12.

Assessment of Breastfeeding and Infant Growth

An excellent article appeared in the November 2007 issue of the *Journal of Midwifery and Women's Health*, with objective guides and tools to assist in assessment of breastfeeding and growth patterns. (The article is available online through Medscape at www.medscape.com/viewarticle/565624.) Six breastfeeding assessment tools are discussed. These tools include: The Infant Breastfeeding Assessment Tool (IBFAT), Systematic Assessment of the Infant at Breast (SAIB), The Mother-Baby Assessment (MBA), LATCH Assessment, and the Mother-Infant Breastfeeding Progress Tool (MIBPT). In addition to breastfeeding assessment tools, parameters such as infant weight, test-weighing, elimination patterns, and growth are considered for measuring as accurately as possible whether the infant is receiving adequate breast milk for growth and development.

Academy News Briefs

- The Association of Women's Health, Obstetric and Neonatal Nurses (AWHONN) recently won a contract with the U.S. Department of Defense to provide a web-based introductory Fetal Heart Monitoring Course (FHM), Perinatal Orientation and Education Program (POEP), and Neonatal Orientation and Education Program (NOEP). These programs will "support the military health system's goal of establishing a culture of patient safety and quality care within the military health system," stated Heidi B. King, MS, Deputy Director, Department of Defense Patient Safety Program. For more information, visit the AWHONN website at www.awhonn.org.

- Late preterm infants are at a greater risk for morbidity throughout infancy than infants born at term, according to results of a study in *The Journal of Pediatrics*. "Late preterm infants experience a higher incidence of respiratory distress, apnea, transient tachypnea, hypoglycemia, hypothermia, hyperbilirubinemia, and feeding difficulties when compared with infants born at term," according to Kay M. Tomashek, MD, MPH, from the U.S. Centers for Disease Control and Prevention.¹ They used U.S. period-linked birth/infant death files for 1995 to 2002 to compare overall infant mortality rates for singleton late preterm (34–36 weeks) infants versus term (37–40 weeks) infants. In 2002, investigators found late preterm infants were three times more likely than term infants to die before their first birthday and six times more likely to die in their first week of life. The authors feel future research is indicated to specifically address the rationale for preterm delivery for those infants delivered by cesarean section or induction for "soft indications" such as convenience or parental request.

1. Tomashek, K. M., Shapiro-Mendoza, C. K., Davidoff, M. J., & Petrini, J. R. (2007). Differences in mortality between late-preterm and term singleton infants in the United States, 1995–2002. *The Journal of Pediatrics*, 151, 450–456.

- In a related "Don't Fool with Mother Nature" article, term infants delivered by elective cesarean section, when compared with term infants born by vaginal delivery, showed a two to four times greater risk of serious respiratory morbidity, according to the *British Medical Journal* (BMJ Online First) December 12, 2007, issue. The study concludes this information should guide women and obstetricians who are considering an elective cesarean delivery.

- *The Journal of Perinatology* reported that heated, humidified, high-flow nasal cannula use is a potentially safe and well-tolerated means by which to treat preterm infants with a mean gestational age of 30 weeks \pm 1 week.¹ This device is able to deliver significant intrapharyngeal pressure at flow rates of 3 liters/minute or greater. Safety concerns have been an issue with this delivery method. Improved technology and standardizing care in nurseries may address this issue. The authors recommend a larger trial to further investigate the variability of the airway pressure and the safety of this type of therapy.

1. Spence, K. L., Murphy, D., Kilian, C., McGonigle, R., & Kilani, R. A. (2007). High-flow nasal cannula as a device to provide continuous positive airway pressure in infants. *Journal of Perinatology*, 27, 772–775.

- Glutamine-enriched enteral nutrition may lower the risk of atopic dermatitis by 87 percent in very low birth weight (VLBW) infants if supplementation begins early, according to a study conducted at the VU University in Amsterdam, Netherlands. The article was published in the November 2007 issue of the *Archives of Pediatric and Adolescent Medicine*, 161, 1095–1101. "Glutamine supplementation in VLBW infants may lead to long-term health benefits," the study authors concluded.

Academy Connection

The Academy of Neonatal Nursing eNewsletter, The Academy Connection, is now one of ANN's most popular benefits. Instant links to hot neonatal topics and current educational opportunities conveniently keep ANN members "in the know." If you are an ANN member and are not receiving this great benefit, please contact us at academyonline.org and get connected!

Add These Dates to Your Academy Calendar

April 30, 2008 Deadline for Winter Recruitment Contest

July 31, 2008 Deadline for Unit Recruitment Contest

"Knowledge is power."

*Sir Francis Bacon, Religious Meditations, Of Heresies, 1597
English author, courtier, & philosopher (1561–1626)*

The Academy of Neonatal Nursing Scholarships—2008

The Academy of Neonatal Nursing™ Conference Scholarship Award

What is this award? The award is tuition for the National Neonatal Nurses Meeting, this year in Washington, D.C.

Who is eligible to apply for this award? Active Academy Nurse Members are eligible.

What is the application deadline? June 1, 2008.

The Academy of Neonatal Nursing™ Academic Scholarship Award

What is this award? This award provides monies to pursue academic advancement in an undergraduate, graduate, and post-graduate neonatal nursing program or in a related nursing major.

Who is eligible to apply for this award? Active Academy nurse members are eligible.

What is the application deadline? June 1, 2008. For applications, visit www.academyonline.org and follow the links.

Creating Excellence in the NICU

8th National Neonatal Nurses Meeting

Washington, DC, October 8–11, 2008

CALL FOR POSTERS

The Academy of Neonatal Nursing invites you to share your knowledge and expertise with your colleagues at our 8th National Neonatal Nurses Meeting. Have you developed an innovative program, completed a research study, or provided exceptional care for a select group of neonates? Please consider developing a poster presentation to bring to Washington, DC, to share with other attendees.

POSTER PRESENTATION GUIDELINES

- Submit an abstract of 200 words or less outlining the content you plan to include in your poster.
- Posters must avoid any semblance of commercialism: those constituting promotion and advertising are prohibited.
- Each submission will be blind peer-reviewed by a minimum of three nurses.
- Presenters are expected to be at their posters and available for questions during specified times.
- Attendees will earn contact hours for viewing and evaluating posters.
- Posters will be mounted on a 4' x 8' bulletin board provided by the Academy. Posters will remain on view in the common area throughout the conference.

DEADLINE

Abstracts for poster presentations are due **July 1, 2008**. Presenters will be notified by July 15, 2008.

Sponsored by

The Academy of Neonatal Nursing™ and Neonatal Network®

Creating Excellence in the NICU

8th National Neonatal Nurses Meeting, Washington, DC

October 8–11, 2008

Poster Presenter Form

All author's names and credentials must be included. List the names, with credentials, exactly as they should appear in published materials.

Abstracts must be submitted by July 1, 2008.

Please submit the following on a separate sheet of paper without identifying author information:

Abstract: Should be no more than 200 words.

Learner Objectives: Please list up to three learner objectives.

This form is also available online. You may submit this form via email, fax, or mail. Send to posters@neonatalnetwork.com or FAX 707-569-0786 2220 Northpoint Parkway, Santa Rosa, CA 95407

Primary Presenter:

Name: _____

Abstract title: _____

Credentials: _____

Work title/position: _____

Hospital affiliation: _____

Work address: _____

City, State, Zip _____

Home address: _____

City, State, Zip _____

Phone: _____ Fax: _____

E-mail address: _____

Please list any coauthors' names and credentials on a separate sheet.

Abstract Information

Major Content Area: ___ Clinical Practice
___ Education ___ Research (IRB approval
or IRB exemption)

Agreement: If this abstract is accepted for presentation at the Academy's meeting, I agree to make the presentation and pay the conference registration fee. As first author, I give permission for duplication of this abstract for inclusion in the conference proceedings and any other Academy of Neonatal Nursing publication as space permits.

Signature

Date

Instructions for Submission

Authors must use this form (also available at www.neonatalnetwork.com or www.academyonline.org).

The information should include the following:

Research: Include a statement of problem, hypothesis or study aim, theoretical rationale, design, setting, sample, data collection procedures, analysis, results, and implications for neonatal nursing.

Clinical Practice/Education: Include the goals for the innovation/program, a description of the innovation/program, an evaluation of the innovation/program's effectiveness, and the importance of the innovation/program to neonatal nursing.

Poster abstracts must be submitted via e-mail (posters@neonatalnetwork.com) by **July 1, 2008.**

Avoidance of Commercialism

All presentations must avoid commercialism. Presentations that constitute promotion and advertising will be prohibited. This specifically includes the pervasive or inappropriate use of logos. Presentations that are merely descriptions of commercial programs or products will not be allowed. No advertising matter of any description may be distributed or displayed that in any way promotes the commercial interest of the authors or of a particular company or enterprise.

Statements made in the presentation are the sole responsibility of the author. No statement should be attributed to The Academy of Neonatal Nursing in any manner.

Review Process

All posters will be blind peer-reviewed by a minimum of three nurses. Incomplete applications will not be reviewed. The Academy reserves the right to reject any submission. Notification of acceptance will be sent by July 15, 2008.

Responsibility for Expenses

Poster presenters are responsible for all expenses related to their attendance at the Academy's meeting including handouts and personal expenses such as travel and hotel. Poster presenters are required to register and pay for each conference day if they wish to attend the educational portion of the meeting. Poster presenters are eligible for a \$75 discount off full conference tuition.

Please return the completed forms to:

The Academy of Neonatal Nursing
2220 Northpoint Parkway
Santa Rosa, CA 95407-7398
E-mail: posters@neonatalnetwork.com

For questions, call The Academy of Neonatal Nursing at 707-568-2168.



THE ACADEMY OF NEONATAL NURSING

Membership Application

Membership available only to individuals. No membership applications for institutions or to institutional addresses accepted.

THE ACADEMY OF NEONATAL NURSING invites you to become a member of an association dedicated to quality nursing education. Membership is only \$75/year in the U.S. Membership benefits include:

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 Telephone # (____) _____
 E-mail address _____
 Nursing License # _____ State _____
 _____ RN _____ LVN/LPN

- ◆ A one-year subscription to *Neonatal Network*:[®] *The Journal of Neonatal Nursing**
- ◆ 15 free contact hours of continuing education credit, through courses provided in *Neonatal Network*,[®] for each year of membership
- ◆ Online continuing education courses
- ◆ At least a \$25 discount at Academy-sponsored conferences
- ◆ Free Academy membership pin
- ◆ Discounts on most books sold through The Academy and NICU Ink Bookstore (special orders excepted)
- ◆ Access to members only website
- ◆ Academy Connection e-Newsletter

Please circle the appropriate amounts below.

Dues:

1 Year U.S. Membership	\$ 75.00
1 Year Canadian Membership	\$ 85.00
1 Year International Membership	\$110.00
SAVE 2 Year U.S. Membership	\$140.00
3 Year U.S. Membership	\$200.00
2 Year Canadian Membership	\$160.00
3 Year Canadian Membership	\$230.00

Exclusively priced items for members:

Radiology CE course CD	\$25.00
Light Blue hooded full zip Academy sweatshirt	
___ Sm ___ Med ___ Lg ___ XL ___ 2XL	\$29.00

Support your colleagues by making a donation to ANN's nursing scholarship fund today. ___ \$5 ___ \$10 \$_____ other
 (Shipping to U.S. addresses is included in the above pricing.[†])

Subtotal \$ _____
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Total Enclosed \$ _____

[†] International customers who order a sweatshirt or CD must add an additional \$5 for each item ordered for airmail shipping.

All payments must be in U.S. funds. No checks from non-U.S. banks accepted. For convenience, all international members are encouraged to use the membership application form on The Academy website: www.academyonline.org

Recruited by: _____

Recruiter's member # _____

NURSING EDUCATION—Circle your highest level of nursing education.

- | | | |
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| C. BSN | F. Certification | I. PhD |

PRESENT POSITION—Please circle ONE only (If your work requires you to assume multiple roles, please circle the one that requires the majority of your time.)

- | | | |
|----------------|-------------------|----------------|
| A. Staff nurse | D. CNS | G. Faculty |
| B. Transport | E. Nurse manager | H. Student |
| C. NNP | F. Nurse Educator | I. Other _____ |

Level of neonatal unit in which you practice:

- Level I Level II Level III

To keep costs low, your membership fee must accompany your application. We do not bill. Please allow 4–6 weeks to receive your Academy membership card and pin.

THE ACADEMY OF NEONATAL NURSING supports the *Foundation for Neonatal Research and Education* by donating a portion of your dues to further important neonatal nursing research.

Make checks payable and mail to:
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*If you are a current subscriber to *Neonatal Network*,[®] your subscription will be extended for an additional year.

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