

# MCN



*The American Journal of Maternal/Child Nursing*<sup>®</sup>


วารสารใหม่ประจำเดือน  
มกราคม ๒๕๕๙



**SPECIAL  
ANNIVERSARY  
SERIES:**

**Comfort Measures  
for Preterm Babies**

Meta-Analysis  
Infant Massage


 Skin-to-Skin Contact

Pain Assessment

Mothers' Perceptions  
of Labor Support

Father Involvement and  
Pregnancy Wellbeing

Infant Developmental  
Screening

 Wolters Kluwer

3,643 bath

MCN, the American journal  
SERIALS



004685  
bib:13399108363

## feature articles

### 344 **SDC** A Meta-Analysis of Preterm Infant Massage: An Ancient Practice With Contemporary Applications

*Massage therapy may be a comforting measure for infants in the neonatal intensive care unit (NICU) to improve weight gain and enhance mental development. However, based on the state of the current evidence, it is challenging to make definite clinical recommendations.*

Lina Kurdahi Badr, PhD, RN, CPNP, FAAN, Bahía Abdallah, MPH, RN, IBCLC, Lara Kahale, MPH, RN

### 359 **CE** Skin-to-Skin Contact: A Comforting Place With Comfort Food

*Evidence suggests skin-to-skin contact between the mother and newborn provides a comforting environment. Skin-to-skin contact promotes infant physiologic stability and warmth, helps in organizing infant sleep, reduces stress and pain, and makes breast milk readily available. Comfort to the newborn can be effectively accomplished by skin-to-skin contact.*

Susan M. Ludington-Hoe, PhD, RN, CNM, CKC, FAAN

### 367 **SDC** Efficacy of Current Practices for Pain Assessment in Premature Ventilated Infants in the NICU Exposed to a High Number of Pain-Associated Procedures

*Commonly used methods for pain assessment in premature ventilated infants may not accurately detect pain because a high number of pain-associated procedures was rarely associated with an elevated pain score. Resources that are expended on regular pain reassessment processes in the NICU may need to be reconsidered in light of the very low yield for clinical alterations in care in this setting. Better methods to more accurately assess and manage the infant pain experience are needed.*

Annie J. Rohan, PhD, RN, NNP-BC, PNP-BC

### 373 **SDC** Mothers' Perceptions of Labor Support

*This study of new mothers offers valuable information for those who care for women during labor and birth. New mothers really appreciated labor support and valued emotional support above other types of support. Giving praise was identified as one of the most important aspects of helping a woman cope with the process of labor.*

Pirkko Nikula, RN, Helena Laukkala, MA, Tarja Pölkki, PhD, RN

### 381 Father Involvement and Psychological Well-Being of Pregnant Women

*Involvement of the father of the baby during pregnancy has been associated with better maternal and infant outcomes. In this study, pregnant women who reported father involvement had lower levels of depressive symptoms and higher levels of psychological wellbeing than women who indicated that the father of the baby was minimally or not involved. Nurses can encourage father involvement at every interaction during the prenatal period and during labor, birth and postpartum.*

Carmen Giurgescu, PhD, RN, WHNP, Thomas N. Templin, PhD

### 388 Developmental Screening and Follow-up by Nurses

*Nurses as developmental screening coordinators can improve the amount of appropriate and needed early intervention and subspecialty referrals for infants with developmental needs.*

Brian A. Lynch, MD, Amy L. Weaver, MS, Stephanie R. Starr, MD, Karen L. Ytterberg, MD, Paulette V. Rostad, RN, David J. Hall, MD, Sharon J. Tucker, PhD, RN, FAAN, PMHCNS-BC



Cover Photo: Andia / Alamy



# MCN

The American Journal of Maternal/Child Nursing®

NOVEMBER/DECEMBER 2015 • VOLUME 40/NUMBER 6

## ongoing columns

### 343 EDITORIAL

#### Tribute to Margaret Comerford Freda

Kathleen Rice Simpson, PhD, RNC, CNS-BC, FAAN

### 394 HOT TOPICS IN MATERNITY NURSING

#### Magnesium Sulfate for Neuroprotection

*Magnesium sulfate administered intravenously to women at risk for early preterm birth can decrease risk of cerebral palsy in their babies. The regime from one of the larger randomized trials that studied magnesium sulfate for neuroprotection should be used. A standard protocol for all women who are appropriate candidates is not yet available because each of the randomized trials used different dosing regimens.*

Molly M. Killion, MS, RN, CNS

### 395 HOT TOPICS IN PEDIATRIC NURSING

#### Gender Nonconforming Children

*How should pediatric nurses handle parents' questions about gender nonconformity in children and adolescents? Our pediatric nursing expert, Dr. Beal, offers suggestions based on the most recent evidence.*

Judy A. Beal, DNSc, RN, FNAP, FAAN

### 396 NUTRITION FOR THE FAMILY

#### Gluten-Free Diets

*Gluten-free diets are becoming a common practice in the United States and other countries. Our nutrition expert, Dr. Morin, explains what you need to know to answer questions from patients about gluten-free diets and suggests resources where you can get more information.*

Karen H. Morin, PhD, RN, ANEF, FAAN

### 397 HEALTH INFORMATION TECHNOLOGY

#### mHealth and Collecting Research Data From Patients With Mobile Tablet Apps

*There are many opportunities for researchers for using mobile tablet apps to engage patients and collect data. Our IT expert, Dr. McCartney, explains the latest on this exciting trend.*

Patricia McCartney, PhD, RNC, FAAN

### 398 GLOBAL HEALTH AND NURSING

#### WASH: Highlighting Global Water, Sanitation, and Hygiene Initiatives

*Clean water is essential for optimal maternal child health outcomes in poor resource countries. Our expert on global health, Dr. Callister, describes the WASH initiative and what this means for health and wellness for families living in developing areas of the world.*

Lynn Clark Callister, PhD, RN, FAAN

### 400 TOWARD EVIDENCE-BASED PRACTICE

*Experts suggest how 6 research articles can be used in nursing practice.*

Coordinated by Judith A. Lewis, PhD, RN, FAAN  
Arwa Oweis, DNSc, RN, Maaly Guimei, PhD, MPH, RN

### 403 PERINATAL PATIENT SAFETY

#### Nurse Staffing and Care During the Immediate Postpartum Recovery Period

*The first hours after birth are a time of joy and excitement, but also are associated with risk. What can you do to make sure the mother and baby are safe as they transition physiologically during the immediate postpartum recovery period? What standards and guidelines promote maternal and newborn safety during this time?*

Kathleen Rice Simpson, PhD, RNC, CNS-BC, FAAN

## MISSION STATEMENT

**MCN: The American Journal of Maternal Child Nursing**, is written for nurses who are involved in various aspects of maternal and child nursing. MCN provides clinical and research articles to support nurses in practice that are based on the most recent and rigorous evidence. This peer-reviewed journal offers integrated clinical practice information and thought-provoking solutions for all aspects of maternal child care in the inpatient, outpatient and home care settings.

**MCN Information for Authors is available at [www.mcnjournal.com](http://www.mcnjournal.com), click on Journal Info.**

When citing an article from this Journal in your CV or in a reference list, please use the Journal's complete name every time:

"MCN, The American Journal of Maternal Child Nursing"

