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8,250 bath

EDITORIAL

169 Nurse Management of the NICU Environment Is Critical to Optimal Infant Development

Evolving research findings support the critical role of nurses in providing an NICU environment that protects and fosters the development of the most vulnerable patients.

Rosemary White-Traut

171 The Hormonal Physiology of Women and their Fetuses and Mothers and their Infants

Highlights and implications of key findings of the recently released report "Hormonal Physiology of Childbearing: Evidence and Implication for Women, Babies, and Maternity Care" are provided.

Nancy K. Lowe

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CONTEMPORARY PERSPECTIVES

174 Implications of Epigenetics and Stress Regulation on Research and Developmental Care of Preterm Infants

The authors discuss how epigenetic mechanisms in response to the stress of NICU care and environment may contribute to altered developmental trajectories in preterm infants.

Rosario Montiroso and Livio Provenzi

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183 A Systematic Review of Psychosocial Interventions for Women with Postpartum Stress

Findings from 13 randomized controlled trials supported the efficacy of supportive stress management programs for reducing postpartum stress in women.

Ju-Eun Song, Tiffany Kim, and Jeong-Ah Ahn

RESEARCH

193 Effect of Cobedding Twins on Coregulation, Infant State, and Twin Safety

The authors of this randomized controlled trial demonstrated that twins who were cobedded in the NICU spent more time in the same state and in quiet sleep and cried less than twins in separate beds.

*Kathryn M. Hayward, C. Celeste Johnston,
Marsha L. Campbell-Yeo, Sheri L. Price, Shauna L. Houk,
Robin K. Whyte, Susan D. White, and Kim E. Caddell*

203 A Pragmatic Descriptive Study of Rewarming the Newborn After the First Bath

Mothers highly preferred skin-to-skin rewarming after their infants' first baths, and only 5% of infants required rescue rewarming.

*Sino George, Katherine Phillips, Sharon Mallory,
Ivana Holmquistova, Ranita Hare, Shelly Allen, Melinda Higgins,
and Susan E. Shapiro*

On Our Cover:

Painting of Irises, Judi Parkinson, 2010 (@istockphoto.com).

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Qualitative data from women experiencing intimate partner violence during their current pregnancies were analyzed into the themes of protection, fetal awareness, and fetal well-being.
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- 218 Reproductive Coercion and Partner Violence among College Women**
Greater rates of pregnancy coercion and birth control sabotage were reported among women with histories of intimate partner violence.
Melissa A. Sutherland, Heidi Collins Fantasia, and Holly Fontenot
- 228 A Qualitative Case Study of Poststroke Sexuality in a Woman of Childbearing Age**
The experience of a 36-year-old woman who suffered an acute ischemic stroke demonstrates the relationship of perceptions of sexuality to those of physical vulnerability.
Claudia C. Beal and Julie Millenbruch
- 236 A Pilot Study of Home-Based Smoking Cessation Programs for Rural, Appalachian, Pregnant Smokers**
This initial evaluation of a web-based and a telephone-delivered smoking cessation program demonstrated feasibility and acceptable program adherence.
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- 246 The Relationship Between Gestational Diabetes and Antenatal Depression**
These cross-sectional data suggest a greater incidence of symptoms of depression among women with GDM than women experiencing uneventful pregnancies.
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- 256 Relationships Among Stress Coping Styles and Pregnancy Complications Among Women Exposed to Hurricane Katrina**
Among women exposed to this major natural disaster there were significant relationships among maternal stress and pregnancy-induced hypertension, gestational diabetes, and induction of labor.
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- 268 Breastfeeding and Use of Social Media Among First-Time African American Mothers**
These pregnant and postpartum women frequently used social media for education and social support and searched the Internet for perinatal and parenting information.
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- 279 Current Resources for Evidence-Based Practice, March/April 2015**
A review of new resources to support the provision of evidence-based care for women and infants.
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The guest editor introduces the articles in the series.
Debra Bingham

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- 290 Planning and Evaluating Evidence-Based Perinatal Nurse Staffing**
CNE The authors present organizing frameworks for calculating nurse staffing and evaluating nurse staffing decisions.
Debra Bingham and Catherine Ruhl

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- 309 The Role of Health Care Technology in Support of Perinatal Nurse Staffing**
Tools are provided for improving the usefulness of electronic systems for informing staffing decisions.
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- 317 Key Findings from the AWHONN Perinatal Staffing Data Collaborative**
The authors summarize the findings of the AWHONN Perinatal Staffing Data Collaborative from 2011 through 2012.
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- 329 Predicting Nurse Staffing Needs for a Labor and Birth Unit in a Large-Volume Perinatal Service**
The author describes the application of a proposed model to predict and evaluate the nurse staffing needs for a large volume labor and birth unit.
Kathleen Rice Simpson

ARTICLES ONLINE

Access these and all articles at <http://JOGNN.awhonn.org>.

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