

Journal of  
Obstetric,  
Gynecologic, &  
Neonatal Nursing

# JOGNN

*Scholarship for the Care of Women,  
Childbearing Families, & Newborns*

May/June 2017

Volume 46 • Number 3



## EDITORIAL

Racial Disparity in the Prevalence of  
Cervical Cancer

## REVIEWS

Review of the Relationships Among  
Psychosocial Stress, Secondhand Smoke,  
and Perinatal Smoking

Physical Activity and Yoga-Based  
Approaches for Pregnancy-Related Low  
Back and Pelvic Pain

Integrative Review of Interventions to  
Promote Breastfeeding in the Late  
Preterm Infant

Integrative Review of Technology to  
Support Communication With Parents of  
Infants in the NICU

## PRINCIPLES & PRACTICE

Ethical Considerations in Perinatal  
Palliative Care

A Cycles-Breaking Framework to  
Disrupt Intergenerational Patterns of  
Maltreatment and Vulnerability During the  
Childbearing Year

## RESEARCH

Intimate Partner Violence and Gestational  
Weight Gain in a Population-Based  
Sample of Perinatal Women

Retrospective Cohort Study of  
Hydrotherapy in Labor

The Maternity Care Nurse Workforce in  
Rural U.S. Hospitals

Cultural Competence of Obstetric and  
Neonatal Nurses

Resilience in Mothers of  
Very-Low-Birth-Weight Infants  
Hospitalized in the NICU

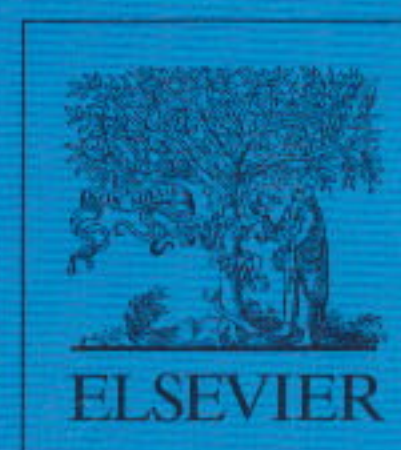
Parent Distress and the Decision to Have  
Another Child After an Infant's Death in  
the NICU

Maternal Anxiety Related to Prenatal  
Diagnoses of Fetal Anomalies That  
Require Surgery

Prevalence and Predictors of  
Breastfeeding After Childhood Abuse

## CASE REPORT

The Effect of Sexual Abuse and  
Prenatal Substance Use on Successful  
Breastfeeding





## EDITORIAL

### 323 **Racial Disparity in the Prevalence of Cervical Cancer**

Efforts are needed to eliminate the disproportionate mortality from cervical cancer shared by Black and other minority women in the United States.

*Nancy K. Lowe*

## REVIEWS

### 325 **Review of the Relationships Among Psychosocial Stress, Secondhand Smoke, and Perinatal Smoking**

An increased incidence of persistent smoking or relapse during pregnancy was found in women with greater measures of stress and exposure to secondhand smoke.

*Karen R. Damron*

### 334 **Physical Activity and Yoga-Based Approaches for Pregnancy-Related Low Back and Pelvic Pain**

Although additional research is required, physical activity and yoga interventions may relieve pregnancy-related low back and pelvic pain and related symptoms.

*Patricia Anne Kinser, Jena Pauli, Nancy Jallo, Mary Shall, Kailee Karst, Michelle Hoekstra, and Angela Starkweather*

### 347 **Integrative Review of Interventions to Promote Breastfeeding in the Late Preterm Infant**

Most breastfeeding interventions in this review had positive effects on exclusivity and duration of breastfeeding in late preterm infants.

*JoAnna Cartwright, Teresa Atz, Susan Newman, Martina Mueller, and Jill R. Demirci*

### 357 **Integrative Review of Technology to Support Communication With Parents of Infants in the NICU**

Most parents and health care team members perceived the use of technology to support communication and interaction with the NICU team quite favorably.

*Elizabeth G. Epstein, Jaqueline Arechiga, Margaret Dancy, Jordan Simon, Daniel Wilson, and Jeanne L. Alhusen*

## PRINCIPLES & PRACTICE

### 367 **Ethical Considerations in Perinatal Palliative Care**

Emerging perinatal palliative care topics are presented along with the ethical implications that may affect parents facing a life-limiting fetal condition and their providers.

*Joana Mendes, Jesse Wool, and Charlotte Wool*

### 378 **A Cycles-Breaking Framework to Disrupt Intergenerational Patterns of Maltreatment and Vulnerability During the Childbearing Year**

The proposed framework has the potential to disrupt intergenerational patterns of childhood maltreatment and psychiatric vulnerability during the childbearing year and to guide the delivery of perinatal care.

*Mickey Sperlich, Julia Seng, Heather Rowe, Jane Fisher, Chris Cuthbert, and Julie Taylor*

## RESEARCH

### 390 **Intimate Partner Violence and Gestational Weight Gain in a Population-Based Sample of Perinatal Women**

Through a greater understanding of the relationship between intimate partner violence and gestational weight gain, interventions can be developed to promote maternal and child health.

*Jeanne L. Alhusen, Ruth Geller, Caitlin Dreisbach, Leeza Constantoulakis, and Anna Maria Siega-Riz*

### 403 **Retrospective Cohort Study of Hydrotherapy in Labor**

In an environment in which hydrotherapy for management of pain in labor was promoted, most women initiated hydrotherapy, and fewer than 30% were removed because they met medical exclusion criteria.

*Jennifer Vanderlaan*

### 411 **The Maternity Care Nurse Workforce in Rural U.S. Hospitals**

Rural maternity care unit managers value nurses and have varied staffing needs; policy and programmatic support to ameliorate challenges are needed to maintain adequate nurse staffing.

*Carrie Henning-Smith, Jennifer Almanza, and Katy B. Kozhimannil*

*Continued*

## On Our Cover:

Vincent van Gogh. *Sunflowers*. 1889. Van Gogh Museum. Photo credit: Album/Art Resource, NY.



**423 Cultural Competence of Obstetric and Neonatal Nurses**

In obstetric and neonatal nurses, cultural competence was related to age, previous diversity training, nursing experience, and experience in the specialty area.

*Ella T. Heitzler*

**434 Resilience in Mothers of Very-Low-Birth-Weight Infants Hospitalized in the NICU**

Participants demonstrated resilience as they learned to cope with long-term psychological distress.

*Beverly Rossman, Michelle M. Greene, Amanda L. Kratovil, and Paula P. Meier*

**446 Parent Distress and the Decision to Have Another Child After an Infant's Death in the NICU**

Having another infant may promote resilience in parents bereaved by infant death; however, several factors contribute to the complex decision-making process regarding family expansion.

*Madelaine C. Keim, Christine A. Fortney, Emily L. Shultz, Adrien Winning, Cynthia A. Gerhardt, and Amy Baughcum*

**456 Maternal Anxiety Related to Prenatal Diagnoses of Fetal Anomalies That Require Surgery**

Women with pregnancies complicated by fetal anomalies that require surgery are highly anxious; this anxiety may be mitigated through knowledge of the nurse care coordinator.

*Abigail B. Wilpers, Holly Powell Kennedy, Diane Wall, Marjorie Funk, and Mert Ozan Bahtiyar*

**465 Prevalence and Predictors of Breastfeeding After Childhood Abuse**

For women with a history of childhood maltreatment trauma, posttraumatic stress disorder is more predictive of breastfeeding outcomes than history alone.

*Meghan Eagen-Torkko, Lisa Kane Low, Ruth Zielinski, and Julia S. Seng*

**CASE REPORT****480 The Effect of Sexual Abuse and Prenatal Substance Use on Successful Breastfeeding**

Providers should understand effects of sexual abuse and substance use/misuse on the mother and newborn independently and together to ensure successful breastfeeding.

*Lauren M. Jansson, Martha L. Velez, and Arlene M. Butz*

**ARTICLES ONLINE**

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

**SPECIAL REPORT****e37 Current Resources for Evidence-Based Practice, May/June 2017**

A review of new resources to support the provision of evidence-based care for women and infants.

*Nicole S. Carlson*

**IN FOCUS EDITORIAL****e46 An Update on Global Women's Health**

The Guest Editor introduces the articles in the series that focus on the health and well-being of women and girls worldwide.

*Susan Mattson*

**IN FOCUS****e48 An Update on the United Nations Millennium Development Goals**

The author discusses the measured accomplishments of the United Nations Millennium Development Goals at the time of their conclusion in 2015 and explores the new Sustainable Development Goals.

*Della Anne Campbell*

**IN FOCUS CNE****e56 Sustainable Development Goals and the Ongoing Process of Reducing Maternal Mortality**

**CNE**

The purpose of the Sustainable Development Goals is to build on and accelerate progress made toward ensuring healthy lives and promoting well-being for all at all ages.

*Lynn Clark Callister and Joan E. Edwards*

**IN FOCUS****e65 Empowering the Girl Child, Improving Global Health**

Helping girls achieve their full potential is key to building a healthy and productive global society.

*Sandra K. Cesario and Barbara Moran*



## RESEARCH

**e75 Reported Alcohol and Tobacco Use and Screening Among College Women**

Despite high rates of alcohol and tobacco use on college campuses, rates of screening at campus health centers are low. Opportunities exist to increase population-specific health screenings.

*Kimberly Angelini, Melissa A. Sutherland, and Heidi Collins Fantasia*

**e83 Nutrition of Black Women During Pregnancy**

Given the stability and overall inadequacy of pregnant Black women's diets, nutritional counseling should be considered at any point in the second and third trimesters.

*Melissa Myles, Susan Gennaro, Nancy Dubois, Caitlin O'Connor, and Kayla Roberts*

**e95 Insomnia Treatment Preferences During Pregnancy**

Pregnant women find CBT-I to be more credible than pharmacotherapy and prefer it to other modalities as an intervention for insomnia.

*Ivan D. Sedov, Sherryl H. Goodman, and Lianne M. Tomfohr-Madsen*

**e105 Adaption and Validation of the Picker Employee Questionnaire With Hospital Midwives**

The Picker Employee Questionnaire is a useful tool to support employers and human resource managers in shaping and motivating an efficient work environment for midwives.

*Katja Stahl, Claudia Schirmer, and Laura Kaiser*

**e118 Umbilical Cord Care and Infection Rates in Turkey**

Dry care seems more appropriate than other methods for umbilical cord care in developing countries.

*Gülzade Uysal and Duygu Sönmez Düzgaya*

## ERRATUM

**e125 Erratum**

## IN FOCUS CNE POST TEST

**e126 Sustainable Development Goals and the Ongoing Process of Reducing Maternal Mortality**

*Lynn Clark Callister and Joan E. Edwards*