

### The American Journal of Maternal/Child Nursing

MAY/JUNE 2006 • VOLUME 31/NUMBER 3

### SPECIAL ISSUE ON GENETICS

### feature articles

Essential Nursing Competencies and Curricula Guidelines for Genetics and Genomics

There are specific nursing competencies for genetics. These authors, all experts in genetics, explain it all for you. Judith A. Lewis, PhD, RNC, FAAN, Kathleen M. Calzone, MSN, RN, APNG, and

Kathleen M. Calzone, MSN, RN, APNG, and Jean Jenkins, PhD, RN, FAAN

## 156 Issues in Genetic Testing of Children

Parents whose child requires genetic testing face many ethical issues. This article discusses those issues and describes what nurses should know to best help parents with these dilemmas.

John G. Twomey, PhD, PNP

# 164 Newborn Screening Policy in the United Kingdom and the United States: Two Different Communities of Practice

What is the standard of practice for newborn genetic screening in the United Kingdom? How does it differ from that in the U.S.? In an age of global health, nurses should understand the differences in standards in countries other than their own.

Christine Patch, PhD, MA(Ed), SRN



In the "old" days (just 20 years ago), it never occurred to us that preterm birth had a true genetic component. Now we know better. Dr. Giarratano explains this complex topic so well that you'll be a better educated nurse after you read it.

Gloria Giarratano, PhD, RNC

## 178 Parental Experience of a Pediatric Genetic Referral

We have all probably encountered parents who have been referred for genetic counseling for their child. What is their experience of this? What do they need from us, and how can we best help them? Heather Skirton, PhD, MSc, RGN, SCM, Dip Counselling

# 185 Expanding Nurses' Roles in Telemedicine and Genetics Services

There is an exciting new role for nursing today—working with genetics services and extending that into telemedicine. This article describes this nursing role and how you might fulfill such a need.

Dale Halsey Lea, MPH, RN, APNG, FAAN

# 190 Navigating the Maze of Newborn Screening

Do you know which newborn screening tests are mandated in your state? What are the criteria used for choosing the tests?

Joanna K. Spahis, MSN, RN, APNG, and Nancy R. Bowers, MSN, RN, CNS



# MCI

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Genetics: Another Nursing Specialty

How much do you know about genetics? Now is the time to learn!

Judith A. Lewis, PhD, RN, FAAN

144 SECOND OPINION Genetic Testing: Is There a Right Not to Know?

> Every day there seem to be more conditions that can be found through genetic testing. Should people have these tests? What if they don't want to know?

Coordinated by Kathleen Leask Capitulo, DNS, RN Debaters: Randi E. Zinberg, MS, CGC, and Rosamond Rhodes, PhD

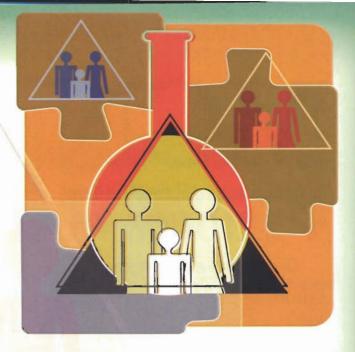
198 INFANT NUTRITION Infant Nutrition and Genetics: Inextricably Related

> Inborn errors of metabolism still occur and have a major impact on how infants will be fed. Karen Morin, DSN, RN

THE NEW NETWORKING The Electronic Genetic Family History

Now you can take a genetic family history in a Webbased format. Read more about it here. Patricia R. McCartney, PhD, RN, FAAN





**202** GLOBAL HEALTH AND NURSING Global Genetics: Worldwide Considerations

As the U.S. struggles to integrate the new field of genetics into healthcare, other countries begin to deal with issues such as informed consent for genetic testing, Lynn Clark Callister, PhD, RN, FAAN

204 TOWARD EVIDENCE-BASED PRACTICE

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

Terri Lipman, PhD, CRNP, FAAN, and Linda Beth Tiedje, PhD, RN, FAAN

208 PERINATAL PATIENT SAFETY Venous Thromboembolism During Pregnancy and Postpartum: An Inherited Risk

> Thrombophilias can be genetically based. Should you be using pneumatic compression devices for prevention of DVT in pregnant women?

Kathleen Rice Simpson, PhD, RN, FAAN

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