**Practice Trends** OB.GYN. NEWS . June 1, 2006

#### POLICY PRACTICE

# **Pre-15 Pregnancy More Likely**

Teenage girls who have sex before the age of 15 years are more likely to become pregnant than are teens who delay sex, according to an analysis from the National Campaign to Prevent Teen Pregnancy. About 46% of girls who have had sex at least once before age 15 report having been pregnant, compared with 25% of girls who delayed sex until age 15 or older. And 22% of teenage boys who have had sex at least once before age 15 report having been involved in a pregnancy, compared with 9% who waited to have sex. While the overall teenage pregnancy rate has been decreasing since 1990, younger teens and those with multiple partners still are at high risk for pregnancy. "Much still needs to be done to convince young people of the value of delaying sexual activity and to convince those who are sexually active to use contraception consistently and carefully," Sarah Brown, director of the National Campaign to Prevent Teen Pregnancy, said in a statement. The analysis is based on 2002 data from the National Survey of Family Growth, conducted by the Centers for Disease Control and Prevention.

## **Reproductive Health Disparities**

From 1994 to 2001, unintended pregnancies increased 29% among women living below the poverty level and fell among higher-income women, according to an analysis from the Guttmacher Institute. Poor women, black women, and unmarried women are the groups most likely to have an abortion due to unintended pregnancy, the researchers wrote. The report also noted that certain groups of women, such as young women and low-income women, are more likely to obtain an abortion later in pregnancy. "Although abortion remains legal, a two-tiered system is already emerging in our country," Sharon L. Camp, Ph.D.,

who is president and CEO of the Guttmacher Institute, said in a statement. "Wealthier women have quick, convenient access to contraceptives and safe, early abortions, while poor women are less able to prevent pregnancies through contraception and are then forced to jump over a series of obstacles in order to obtain an abortion." The report is available online at www.guttmacher. org/pubs/2006/05/04/AiWL.pdf.

### **Stem Cell Committee Named**

The National Academies' Institute of Medicine and National Research Council have appointed a committee to "monitor and revise" the voluntary guidelines on the conduct of human embryonic stem cell research that were issued last year by the National Academies. The panel is seeking comments on the guidelines and will hold workshops to keep informed about developments in the field. The 14-member committee will be cochaired by R. Alta Charo, professor of law and bioethics at the University of Wisconsin, and Richard O. Hynes, Ph.D., investigator at the Howard Hughes Medical Institute and professor of cancer research at the Massachusetts Institute of Technology. The Ellison Medical Foundation, the Greenwall Foundation, and the Howard Hughes Medical Institute will fund the committee.

# **Maryland Passes Stem Cell Bill**

The Maryland legislature passed a bill establishing a \$15 million fund to promote stem cell research in the state. The measure, which passed by a vote of 90-48 and was signed by Republican Gov. Robert Ehrlich in April, will set procedures for reviewing research projects involving either adult or embryonic stem cells. An independent commission—including representatives from the patient advocate, biotechnology, and ethics communities—will administer grants to universities and private sector researchers. "This new law will solidify Maryland's reputation as a national leader in medical research, attract and retain biotech companies and researchers to Maryland, and offer hope to millions of American suffering from debilitating conditions," Ehrlich said in a statement.

### **Teen Perceptions on Oral Sex**

More than one-quarter of teenagers in a recent survey did not know that sexually transmitted diseases (STDs) can be passed through oral sex, according to a study published in the March issue of Perspectives on Sexual and Reproductive Health. In contrast, only 2% of the teens were unaware that STDs can be transmitted through "vaginal intercourse with ejaculation." The study included a survey of more than 1,300 British teenagers and analysis of sexual event diaries of more than 100 of the teenagers. Knowledge of STD transmission improved among older girls. Only 5% of 18-year-old girls did not know that STDs could be transmitted during oral sex, compared to about 22% of 16year-old girls. "Given the prevalence of oral sex and the lack of knowledge about its risks among young people, it is essential that those charged with teaching youth about sexual issues—whether in schools, in clinics or in homes—be encouraged to broaden the scope of their coverage," the researchers wrote.

-Mary Ellen Schneider



brier summary or ruir Prescriouing innormation
Women should be counseled that this product does not protect against HIV infection (AIDS) and other sexually transmitted diseases.
INDICATIONS AND USAGE: NuvaRing® is indicated for the prevention of pregnancy in women who elect to use this product as a method contraception. Like oral contraceptives, NuvaRing® is highly effective if used as recommended in this label. In three joinical trials of 13 cycles of NuvaRing® use, pregnancy rates were between one and two per 100 women-years of use. Table III lists the pregnancy rates for users of various contraceptive methods.

WARNINGS

Cigardian annihing increases with a comparison of the co Itable risk (the excess incompany).

Itable risk (the excess incompany) is distinct from oral contraceptives. NuvaRing® should be discontinued if there is unexplainted thrombosis associated with the use of oral contraceptives. NuvaRing® should be discontinued if there is unexplainted thrombosis associated with the use of oral contraceptives. NuvaRing® should be undertaken immediately, 6. HoRMONAL CONTRACEPTIVE USE BEFORE OR DURINGE RAILY PRECNANCY. ceptives should not be used during pregnancy. Extensive epidemiologic studies have revealed no increased risk of birth I who have used oral contraceptives prior to pregnancy. Studies also do not suggest a teratogenic effect, particularly in anomalies and limb reduction defects are concerned, when oral contraceptives are taken inadvertently during early pregnan hormonal contraceptives, such as NuvaRing® should not be used to induce withdrawal bleeding as a test for pregnancy. The provided in the contraceptives is the treat threatened or habitual abortion. It is recommended that for any woman missed two consists and the provided in the provided or the provide y, combination normonal contraceptives, such as NuvaRing®, should not be used to induce withdrawal bleeding as a lest for preg-y, NuvaRing® should not be used during pregnancy to treat threatened or habitual abortion. It is recommended that for any woman has not adhered to the prescribed regimen for use of NuvaRing® and has missed a menstrual period or who has missed two con-tive periods, pregnancy should be ruled out. 7. GALLBLADDER DISEASE. Combination hormonal contraceptives, such as Ring®, may worsen existing pallhadder disease and may accelerate the development of this disease in previously asymptomatic en. Women with a history of combination hormonal contraceptive-related cholestasis are more likely to have the condition recur with equent combination hormonal contraceptive use. 8. CARBOHYDRATE AND LIPID METABOLIC EFFECTS. Hormonal contraceptives been shown to cause a decrease in glucose tollerance in some users. However in the non-rilabelic warms combination hormonal contraceptive

tests showed no clinically significant changes in serum glucose levels from baseline to cycle six. A small proportion of women will have persistent hypertrighyceridenia while using oral contraceptives. Changes in serum trighycerides and lipoprotein levels have been reported in combination hormonal contraceptive users. B. ELEVATED BLOOD PRESSURE. An increase in blood pressure has been reported in women taking oral contraceptives and this increase is more likely in older oral contraceptive users and with continued use. Data from the Royal College of General Practitioners and subsequent randomized trials have shown that the incidence of hypertension increases with increasing concentrations of progestogens. Women with a history of hypertension or hypertension-related diseases, or renal cliesase should be encouraged to use another method of contraception. If these women elected to use Nuxrafing<sup>9</sup>, they should be monitored closely and if significant elevation of blood pressure occurs, Nuxrafing<sup>9</sup> should be discontinued. For most women, elevated blood pressure will return to normal after stopping hormonal contraceptives, and there is no difference in the occurrence of hypertension between former and never-users. 10. HEADACHE. The onset or exacerbation of migraine or development of headache with a new pattern which is recurrent, persistent, or severe requires discontinuation of Nuvrafing<sup>9</sup> and evaluation of the cause. 11 BLEEDING IRREAURIES. Bleed-ing Patterns. Breakthrough bleeding patterns developed in the properties in the second properties and appropriate treatment should be instituted when necessary. In the event of amenorrhea, pregnancy should be instituted when necessary. In the event of amenorrhea, pregnancy should be instituted when necessary. In the event of amenorrhea, pregnancy should be instituted when necessary. In the event of amenorrhea, pregnancy should be ruled out. Bleeding patterns were evaluated in three large clinical studies. In the User Landain study (n=1177), the percentages of subjects with 4. LUSE RINCTION. If juinted elevelops in any wirans using Nucroline," may be contracted, and intellized intellized. Section (Intelligent). Section (Intelligent

For additional product information, please call 1-866-4NUVARING or visit www.NuvaRing.com <a href="http://www.nuvaring.com">http://www.nuvaring.com</a>

Vaginities. Overfosage of combination hormonal contraceptives may cause nausea, vomiting, vaginal bleeding, or irregularities. Given the nature and design of NuvaRing® it is unlikely that overdosage will occur. If NuvaRing® is be release a higher dose of hormones. Serious ill effects have not been reported following acute ingestion of large doses tives by young children. There are no antidotes and further treatment should be symptomatic.

Manufactured for Organon USA, Inc., Roseland, NJ 07068, by N.V. Organon, Oss, The Netherlands © 2005 Organon USA Inc. 75137 MIV-8012