Women's expectations and experiences of rupture of membranes and views of the potential use of reagent pads for detecting amniotic fluid

Three overarching themes emerged from the data from women's expectations and experiences: uncertainty in how, when and where membranes may rupture; information which was felt to be limited and confirmation of rupture of membranes. The potential use of reagent pads met with varied responses.

PubMed 6/21/17
Author: Spiby H, Borrelli S, Hughes AJ
Read More...

Fetal overnutrition and offspring insulin resistance and β-cell function: The exploring perinatal outcomes among children (EPOCH) study

To examine the associations of intrauterine exposure to maternal diabetes and obesity with offspring insulin resistance, β-cell function and oral disposition index in a longitudinal observational study of ethnically diverse offspring.

PubMed 6/21/17
Author: Sauder KA, Hockett CW, Ringham BM, Glueck DH, Dabelea D
Read more...
The places in which persons live, work, and play can contribute to the development of adverse health outcomes. Understanding the differences in risk factors in various environments can help to explain differences in the occurrence of these outcomes and can be used to develop public health programs, interventions, and policies.

**PRETERM BIRTH**

Cesarean or vaginal birth does not impact the longitudinal development of the gut microbiome in a cohort of exclusively preterm infants

The short and long-term impact of birth mode on the developing gut microbiome in neonates has potential implications for the health of infants. In term infants, the microbiome immediately following birth across multiple body sites corresponds to birth mode, with increased *Bacteroides* in vaginally delivered infants.

**NEONATOLOGY**

A parent-infant music therapy intervention improved
neurodevelopment after neonatal intensive care

Parental involvement is often essential to ensure that early intervention strategies that aim to improve the outcomes of former neonatal intensive care (NICU) patients are successful. However, hospitalisation can strain the caregiver-infant bond (1) and perception of the child’s development.

PubMed 6/20/2017
Author: Hamm EL, Chorna OD, Flanery A, Maitre NL

BIRTH DEFECTS

Long-term health outcomes in patients with Prader-Willi syndrome. A nationwide cohort study in Denmark

All persons diagnosed with PWS (n=155) were identified in the Danish Health Registries, an age- and sex-matched comparison group was selected from the general population of Denmark (n=15 500); diseases of interest were identified through the health registry and cause of death register.

PubMed 6/21/2017
Author: Hedgeman E, Ulrichsen SP, Carter S, Kreher NC, Malobisky KP, Braun MM, Fryzek J, Olsen MS

Maternal smoking, alcohol, and caffeine exposures and risk of hypospadias

We analyzed data from mothers of 2437 moderate/severe cases and 5472 nonmalformed controls born from 1997 to 2011 who participated in the National Birth Defects Prevention Study (NBDPS).

PubMed 6/21/2017
Author: Carmichael SL, Ma C, Shaw GM; National Birth Defects Prevention Study

Assisted reproductive techniques and risk of Beckwith-Wiedemann Syndrome

The emerging association of assisted reproductive techniques (ART) with imprinting disorders represents a major issue in the scientific debate on infertility treatment and human procreation. We studied the prevalence of Beckwith-Wiedemann syndrome (BWS) in children conceived through ART to define the specific associated relative risk.

PubMed 6/20/2017
It's national mosquito control awareness week 2017

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