Mentors offering maternal support reduces prenatal, pregnancy-specific anxiety in a sample of military women

The Prenatal Self-Evaluation Questionnaire was used to measure perinatal anxiety. Rates of prenatal anxiety on the Identification With a Motherhood Role (p = .049) scale and the Preparation for Labor (p = .017) scale were significantly reduced for participants in MOMS.

Intraamniotic infection, also known as chorioamnionitis, is an infection with resultant inflammation of any combination of the amniotic fluid, placenta, fetus, fetal membranes, or decidua. Intraamniotic infection is a common condition noted among preterm and term parturients.
PRETERM BIRTH

Effect of nonpharmacologic pain control during examination for retinopathy of prematurity

PubMed 7/29/2017
Author: Dolgun G, Bozlak Ş

For 72.4% of the infants, the experimental session was the first time they were examined for ROP. No significant differences in Premature Infant Pain Profile scores were found across the three groups.

Arabin cervical pessary for prevention of preterm birth in cases of twin-to-twin transfusion syndrome treated by fetoscopic LASER coagulation: the PECEP LASER randomised controlled trial

PubMed 8/1/17
Author: Rodó C, Arévalo S, Lewi L, Couck I, Hollwitz B, Hecher K, Carreras E

The trial aims at clarifying whether the cervical pessary prolongs the pregnancy in cases of twin-twin transfusion syndrome regardless of cervical length at the time of fetoscopy.

NEONATOLOGY

NICU human milk dose and 20-month neurodevelopmental outcome in very low birth weight infants

PubMed 8/3/2017
Author: Patra K, Hamilton M, Johnson TJ, Greene M, Dabrowski E, Meier PP, Patel AL

Each 10 mL/kg/day increase in NICU HM-DD was associated with a 0.35 increase in cognitive index score (95% CI [0.03-0.66], p = 0.03), but no significant associations were detected for the language or motor indices.

BIRTH DEFECTS

Zika Action Day Toolkit
This toolkit is designed to help guide health departments and other organizations, including community-based organizations, interested in holding a Zika community engagement event. Community engagement to reduce mosquito populations and protect against mosquito bites can help efforts to slow the spread of Zika virus infections (Zika) and other diseases spread by mosquitoes.

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BIRTH DEFECTS

Reliability and validity of a smartphone-paired pulse oximeter for screening of critical congenital heart defects in newborns

PubMed 8/3/2017
Author:
Huizing MJ, Villamor-Martinez E, Chavagne IA, Vanagt WY, Spaanderman MAE, Villamor E

For the preductal oxygen saturation, the mean bias (Radical-7 minus iSpO2-Rx) was -0.08 (SD 1.76) and the lower and upper limits of agreement were -3.52 and 3.36, respectively. For the postductal oxygen saturation, the mean bias was -0.11 (SD 1.68) and the lower and upper limits of agreement were -3.49 and 3.18, respectively.

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Population-based case-control study of the association between weather-related extreme heat events and neural tube defects

PubMed 8/2/17
Author:

Overall, we did not observe a significant association between EHEs and NTDs. At the climate region level, consistently elevated but not statistically significant estimates were observed for at least 2 consecutive days with daily universal apparent maximum temperature above the 95th percentile of the UATmax distribution for the season, year, and weather monitoring station in New York (Northeast), North Carolina and Georgia (Southeast), and Iowa (Upper Midwest). No effect modification by BMI was observed.

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