

论文

孕早期呕吐与不良妊娠结局关系出生队列研究

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摘要:

目的 探讨孕早期呕吐与3种不良妊娠结局(早产、低出生体重、小于胎龄儿)的关系。**方法** 样本人群来自于安徽省马鞍山市出生队列,以2008年10月-2010年10月在马鞍山市妇幼保健机构孕早期建卡并随访到分娩记录的5 084名孕妇为研究对象,采用 χ^2 检验和logistic回归模型分析孕早期不同呕吐程度与3种不良妊娠结局的关系。**结果** 队列中4 653名单胎活产儿母亲在孕早期发生剧吐的有175人,占3.8%;轻微呕吐有2 937人,占63.1%,无呕吐有1 541人,占33.1%;多因素logistic回归分析结果显示,孕早期发生轻微呕吐是发生小于胎龄儿的保护因素($RR=0.66,95\%CI=0.45\sim 0.96$);孕早期剧吐是发生小于胎龄儿的危险因素($RR=2.76,95\%CI=1.51\sim 5.05$)。**结论** 孕早期轻微呕吐和剧吐对小于胎龄儿的发生有不同影响。

关键词: 孕期呕吐 妊娠剧吐 早产 低出生体重 小于胎龄儿

Relationship between first trimester vomiting and adverse pregnancy outcomes: a birth cohort study

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Abstract:

Objective To examine the effect of first trimester vomiting on adverse pregnancy outcomes including small for gestational age (SGA), premature birth (PB), and low birth weight (LBW). **Methods** Subjects were 5 084 pregnant women who had joined in the Ma'anshan Birth Cohort Study and delivered between October 2008 and October 2010. The relationships between different vomiting and adverse pregnancy outcomes were evaluated by chi-square analysis and non-conditional logistic regression. **Results** Of the 4 653 women with singleton alive pregnancy, 2 937 had nausea and vomiting, 175 had hyperemesis gravidarum (HG), and 1 541 did not experience vomiting. After adjusting for several risk factors, mothers with nausea and vomiting in pregnancy (NVP) in the first trimester had a 0.66 time (relative risk=0.66, 95% confidence interval: 0.45-0.96) of giving birth to small for gestational age infants compared to the women with no vomiting in pregnancy. The mothers with HG had a 2.76 times ($RR=2.76, 95\%CI: 1.51-5.05$) of giving birth to small for gestational age infants compared to the women with no vomiting in pregnancy. **Conclusion** No vomiting or HG during the first trimester of pregnancy have different effects on small for gestational age.

Keywords: nausea and vomiting in pregnancy hyperemesis gravidarum premature birth low birth weight small for gestational age

收稿日期 2013-04-15 修回日期 网络版发布日期

DOI: 10.11847/zgggws2013-29-07-02

基金项目:

国家科技支撑计划(2006BAI05A03); 省级实验室项目(1206c0805027); 安徽省科技攻关项目(11010402166)

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