

## عنوان مقاله:

Comparison of pain score and complications following acetaminophen and pethidine injection during vaginal delivery:  
A double-blind clinical trial

## محل انتشار:

سومین کنگره بین المللی چالش های بالینی در مامائی، زنان و نازائی (سال: 1398)

تعداد صفحات اصل مقاله: 1

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## خلاصه مقاله:

**Background and Aim :** Recently intravenous acetaminophen has been introduced as an intervention with analgesic potential similar to that of opioid analgesics in labor pain management. The aim of this study was to compare the pain score and maternal and neonatal complications following acetaminophen and pethidine injections during vaginal delivery. **Methods :** This randomized double-blind clinical trial was conducted on pregnant women during the first stage of delivery. The subjects were assigned randomly to one of the two groups; (acetaminophen and pethidine). The pain intensity was measured before and 15, 60, 120, 180 and 240 minutes after injection. Data were analyzed using SPSS Version 19.0. **Results :** The pain score and pain score changes showed no significant difference between the two groups at different times. The incidence of maternal complications during delivery and the first hour after delivery was not statistically significant between two groups, but 15 minutes after injection, vomiting ( $P=0.001$ ), nausea ( $P=0.001$ ), and dizziness ( $P=0.001$ ) were significantly higher in pethidine group. The mean first and fifth minutes Apgar score was significantly higher in acetaminophen group. **Conclusion :** intravenous acetaminophen led to fewer maternal complications than pethidine, especially during the first 15 minutes after injection and fewer neonatal complications, especially in the Apgar score.

## کلمات کلیدی:

labor pain, maternal complications, neonatal complications, acetaminophen, pethidine

## لینک ثابت مقاله در پایگاه سیویلیکا:

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