

## عنوان مقاله:

Efficacy and safety of oral nifedipine with or without vaginal progesterone in the management of threatened preterm labor

## محل انتشار:

مجله طب توليد مثل ايران، دوره 17، شماره 9 (سال: 1398)

تعداد صفحات اصل مقاله: 8

## نویسنده:

Bushra Ashraf - MBBS, M.S. Department of Obstetrics and Gynecology, Pakistan Institute of Medical Sciences (PIMS), Islamabad, Pakistan

## خلاصه مقاله:

Background: Preterm labor (PTL) is a serious emergency wherein robust management is imperative for achieving improved outcome. Objective: To evaluate the efficacy and safety of nifedipine alone vs nifedipine with vaginal progesterone in managing threatened PTL. Materials and Methods: This comparative study was carried out at the Pakistan Institute of Medical Sciences, Islamabad over a 2-year period, from September, 2013 to August, 2015. The study included 276 patients with threatened PTL. Half of them were allocated to nifedipine alone group whereas the remainder half to the additional progesterone group. In nifedipine alone group (group A), all the patients were given 20mg of rapid release nifedipine orally. If uterine contraction continued, a 10mg dose was repeated every 20 min with a maximum of 40mg within the first hour. After completing the first hour, 20mg was given every 4–6 hr for 72 hr. In the additional vaginal progesterone group (group B), following successful tocolysis with nifedipine, additional - maintenance tocolysis was ensured with vaginal progesterone 200mg daily. Results: Successful acute tocolysis was achieved with nifedipine among 86.23% patients. Mean pregnancy prolongation was  $11.13 \pm 5.08$  days in group A while  $29.73 \pm 3.10$  days in group B. ( $p < 0.001$ ) Conclusion: Acute tocolytic therapy with nifedipine was successful in the majority of our patients. The additional daily use of vaginal progesterone suppositories resulted in significant .prolongation of pregnancy as well as reduction in the rate of low birth weight and neonatal ICU admissions

## کلمات کلیدی:

Preterm labor, Tocolytics, Nifedipine, Progesterone

## لینک ثابت مقاله در پایگاه سیویلیکا:

<https://civilica.com/doc/992468>

