**Oral versus Rectal Diclofenac Sodium: Comparison of efficacy for**

**Perineal pain relief after Episiotomy**

Iram Mushtaq, Shabana Kalsoom, Khair-Un-Nisa, Mahwash Jamil, Faiza Safdar, Noreen Majeed

**ABSTRACT**

**Objective:** To compare the efficacy of oral diclofenac sodium and diclofenac suppository for perineal pain relief after episiotomy.

**Study Design:** Prospective randomized clinical trial.

**Place and Duration:** Obstetrics and Gynecology Department of Pakistan Ordnance Factories Hospital, Wah Cantt from 1st Jan 2021 to 30th June 2021.

**Methodology:** The study included 260 patients, who were randomly divided into group A and B through a computer-generated list. Patients in group A were given diclofenac sodium tablet 50mg orally just after the completion of episiotomy repair and it was repeated after 12 hours. Diclofenac suppository 50mg was placed rectally after episiotomy repair in patients of group B and was repeated after 12 hours. Perineal pain was measured at 24 hours after episiotomy repair on Visual Analogue Scale.

**Results:** The mean pain score was 2.93 in diclofenac suppository group and 3.98 in oral diclofenac group. The women in suppository group had less pain than oral group and the difference was statistically significant (p=0.001).

**Conclusion:** Diclofenac suppository was more effective than oral Diclofenac Sodium for perineal pain relief at 24 hours after episiotomy.

**Keywords:** Diclofenac Suppository, Diclofenac Tablet, Episiotomy, Mean Pain Score, Perineal Pain Relief, Visual Analogue Scale

**How to Cite This:**

Mushtaq I, Kalsoom S, Nisa K, Jamil M, Safdar F, Majeed N. Oral versus rectal Diclofenac Sodium: Comparison of efficacy for Perineal pain relief after Episiotomy. Isra Med J. 2022; 14(3): 104-107.DOI: [https://doi.org/10.55282/imj.oa](https://doi.org/10.55282/imj.oa1279)1329

This is an Open Access article distributed under the terms of the Creative Commons Attribution-Noncommercial 4.0 International License (http://creativecommons.org/licenses/by-nc/4.0/), which permits unrestricted use, distribution, and reproduction in any medium, provided the original work is properly cited.