

Say yes to



Freedom

TRANEXAREN

Tranexamic Acid 500 mg and Mefenamic Acid 250 mg Tablets

TRANEXAREN

Tranexamic Acid 500 mg and Mefenamic Acid 250 mg Tablets



Menstrual Disorders and Prevalence :

Dysmenorrhea (Painful Menstruation) :

The prevalence varies between 16% to 91% in women of reproductive age, with severe pain in 2% to 29% of the women.¹

Menorrhagia (Heavy Menstrual Bleeding) :

Menorrhagia affects 30% of women in reproductive age.²

Abnormal Uterine Bleeding (AUB) :

Prevalence of AUB fluctuates in between 10-30%.³

Dysfunctional Uterine Bleeding (DUB) :

It is diagnosed in 40-60% of the women with excessive menstrual bleeding, which is defined as blood loss greater than 80ml.⁴

Mefenamic Acid :

Mefenamic acid is an NSAID (Non-steroidal anti-inflammatory drug) used to treat mild to moderate pain and primary dysmenorrhea.

Mechanism :

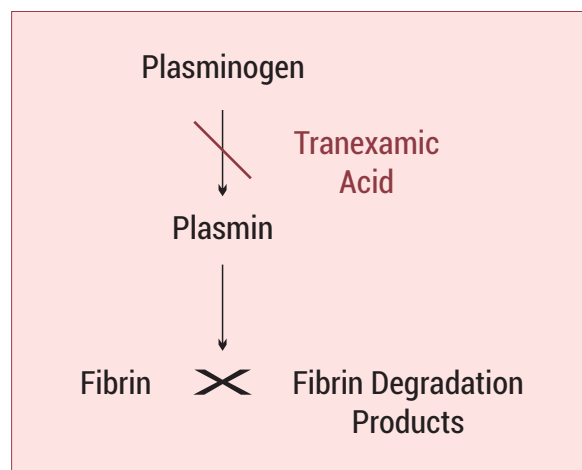
Mefenamic acid binds to the prostaglandin synthetase receptors COX-1 and COX-2, inhibiting the action of prostaglandin synthetase. As these receptors have a role as a major mediator of inflammation and/or a role for prostanoid signaling in activity-dependent plasticity, the symptoms of pain are temporarily reduced.

Tranexamic Acid :

Tranexamic acid is an Antifibrinolytic used to reduce or prevent hemorrhagic episodes.

Mechanism :

It is a synthetic lysine derivative that exerts its anti-fibrinolytic effect by reversibly blocking lysine binding sites on plasminogen and thus preventing fibrin degradation.



References:

1. Epidemiologic Reviews, Volume 36, Issue 1, 2014, Pages 104–113

2. Curr Opin Obstet Gynecol. 2007 Dec;19(6):513-20.

3. Obstet Gynecol Res 2019; 2 (3): 059-066

4. Journal of Clinical and Diagnostic Research. 2010 October; (4):3020-3025

Say yes to Freedom

Study

Objective :

To compare the efficacy of tranexamic acid (Txa), with a combination of tranexamic acid (Txa) & mefenamic acid (Mfa) in reducing menstrual blood loss in patients of ovulatory Dysfunctional Uterine Bleeding (DUB).

Study Design : Prospective, randomised trial performed in 110 patients

Group-T : 500mg Txa, three times a day from day 1 to 5 of the menstrual cycle

Group-TM : 500mg Txa +250mg Mfa, three times a day from day 1 to 5 of the menstrual cycle.

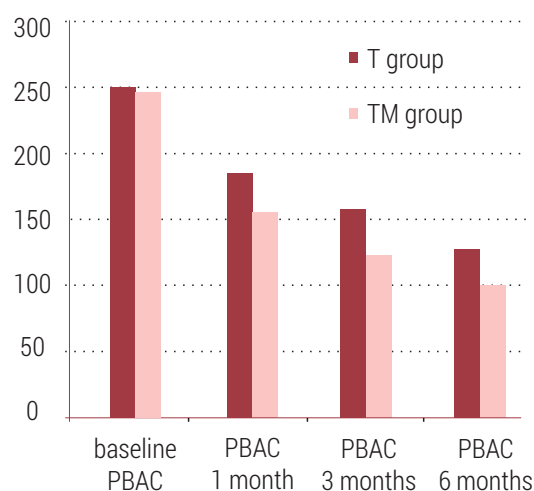
Endpoint : Reduction in menstrual blood loss (measured by calculating pictorial blood assessment chart (PBAC scores) & the improvement in post-treatment haemoglobin concentrations at 3 & 6 months follow up.

Results :

Mean Hemoglobin concentration in both the groups during treatment period.

Time Duration	T group (gm/ dl)	TM group (gm/ dl)
Pre-intervention	9.5	8.6
1 month	10.2	10.6
3 months	11.4	11.8
6 months	12.0	12.3

Mean PBAC scores in T and TM group at 1, 3 and 6 months follow up.



In the T group, the mean haemoglobin concentration registered an improvement of 26.3% at 6 months of follow up, with a PBAC score of 50% improvement. In the TM group, the mean haemoglobin concentration improved by 43% and the PBAC score improved by 59.3% at the end of 6 months.

Conclusion :

Both tranexamic acid and a combination of tranexamic acid and mefenamic acid are effective in decreasing PBAC scores and reducing menstrual blood loss in DUB, though a **combination of tranexamic acid and mefenamic acid showed better long term results.**

TRANEXAREN

Tranexamic Acid 500 mg and Mefenamic Acid 250 mg Tablets

Description :

Each film coated tablet contains Tranexamic acid 500 mg and Mefenamic acid 250 mg.

Mode of Action :

Tranexamic Acid:

Tranexamic acid is a synthetic derivative of lysine used as an antifibrinolytic in the treatment and prevention of major bleeding.

Mefenamic Acid:

A non-steroidal anti-inflammatory agent with analgesic, anti-inflammatory, and antipyretic properties. It is an inhibitor of cyclooxygenase.

Indication :

Primary Dysmenorrhea | Pain associated with Menorrhagia

Also used in - Abnormal Uterine Bleeding (AUB) | Dysfunctional Uterine Bleeding (DUB)



Dosage :

As directed by the Physician

Presentation :

Tranexaren consists of a strip of 10 Tablets

La Renon Healthcare Private Limited

207 - 208 Iscon Elegance | Circle P | Prahlad Nagar Cross Roads | S.G. Highway | Ahmedabad - 380015 | Gujarat | India.
Phone : + 91-79-3046-1000 | Fax : +91-79-3046-1001 | E-mail : info@larenon.com | Web : www.larenon.com

