

Brand Name: MEDPROSTO TABLET

Composition: Medroxyprogesterone Acetate Tablet IP

Dosage Form: TABLET

Category: Hormonal Therapy / Progestin

Packaging Type: ALU-ALU

Packaging: 10 x 10 TABLETS

Brief Product Introduction:

MEDPROSTO TABLET is a progestin-based oral formulation manufactured by **AstraEureka Pharmaceutical**, indicated for the management of various menstrual disorders, endometriosis, and hormone replacement therapy. Each tablet contains 10 mg of **Medroxyprogesterone Acetate**, a synthetic derivative of progesterone, used to regulate ovulation and menstrual cycles.

Composition:

Each Uncoated Tablet Contains:

Medroxyprogesterone Acetate IP.....10 mg
Excipients.....q.s.

Key Ingredients:

- Medroxyprogesterone Acetate IP (10 mg):
 - Synthetic progestin with properties similar to natural progesterone
 - Helps restore hormonal balance in women with menstrual irregularities

Key Benefits:

1. Regulates irregular menstrual cycles
2. Treats secondary amenorrhea (absence of menstruation)
3. Effective in controlling abnormal uterine bleeding due to hormonal imbalance
4. Used in hormone replacement therapy (HRT) in postmenopausal women
5. Supports management of endometriosis and some hormone-responsive cancers
6. Can be used as part of contraceptive regimens under medical guidance

Indications:

1. Secondary Amenorrhea
2. Abnormal Uterine Bleeding due to hormonal imbalance
3. Endometriosis
4. Hormone Replacement Therapy in postmenopausal women
5. As an adjunct in treatment of endometrial carcinoma or renal carcinoma (as prescribed)

6. Prevention of endometrial hyperplasia during estrogen therapy

Directions for Use:

1. To be taken orally with or without food
2. Follow the exact dosage schedule as prescribed by the physician
3. Swallow whole with water, do not crush or chew

Dosage and Administration:

1. **Secondary Amenorrhea:** 5–10 mg once daily for 5–10 days
2. **Abnormal Uterine Bleeding:** 5–10 mg daily for 5–10 days during the second half of the menstrual cycle
3. **Endometriosis:** 10 mg three times daily for 90 days beginning on the first day of the menstrual cycle
4. **Hormone Replacement Therapy (HRT):** Dose varies based on estrogen combination; typically 5–10 mg daily for 12–14 days per cycle
5. Dosage must be individualized as per patient condition and medical advice

Safety Information:

1. To be used under medical supervision
2. Not recommended for long-term use without regular follow-up
3. Regular gynecological examinations advised during prolonged therapy
4. Use with caution in patients with a history of depression or thromboembolic disorders

Mechanism of Action:

- Medroxyprogesterone Acetate binds to progesterone receptors in the uterus and other target tissues.
- It induces secretory changes in the endometrium, reduces pituitary gonadotropin secretion, and inhibits ovulation when taken in sufficient doses.
- It also modulates the hormonal balance by opposing estrogen effects on the endometrial lining, thereby stabilizing the menstrual cycle.

Contraindications:

1. Known hypersensitivity to Medroxyprogesterone or any component of the tablet
2. Pregnancy (Category X – contraindicated)
3. Undiagnosed vaginal bleeding
4. Active or history of thromboembolic disorders (DVT, PE)
5. Severe hepatic dysfunction or liver disease

6. Known or suspected breast or genital malignancy

Side Effects:

1. Nausea, bloating, weight gain
2. Breast tenderness
3. Headache, mood swings, depression
4. Irregular spotting or breakthrough bleeding
5. Fatigue, dizziness
6. Rare: thromboembolic events, allergic reactions

Important Notice:

- Hormonal therapy should only be initiated after a thorough clinical evaluation
- Not intended for use as a routine contraceptive unless specifically prescribed
- Regular monitoring is advised during long-term therapy

Storage Condition:

1. Store in a cool and dry place, below 25°C
2. Protect from light and moisture
3. Keep out of reach of children

Packing Information:

- Supplied in ALU-ALU packs of 10 x 10 tablets
- Clearly labeled with batch number, manufacturing and expiry date