# Dostinex 0.5 mg Tablets

**Catecholamine**

Dostinex is a prescription medication used in the treatment of acromegaly and Cushing's disease. It contains the active ingredient, ergometrine, which is a synthetic derivative of ergot alkaloids. Ergometrine works by reducing the amount of growth hormone (GH) and cortisol released by the pituitary gland and adrenal cortex, respectively.

**Indications and Usage**

- **Acromegaly:** Dostinex is used to manage the symptoms of acromegaly, a condition characterized by excessive growth of tissues, particularly of the hands and feet, due to unregulated production of growth hormone by the pituitary gland. It helps to alleviate the clinical features of acromegaly, including excessive sweating, joint pain, and muscle weakness.

- **Cushing's Disease:** It is also used to treat Cushing's disease, a condition caused by excessive production of cortisol by the adrenal glands. Dostinex helps to reduce cortisol levels, thus improving symptoms such as weight gain, muscle weakness, and mood changes.

**Contraindications**

- Hypersensitivity to ergometrine or ergot alkaloids.
- Pregnancy and breastfeeding.
- History of stroke or ischemic heart disease.
- Chronic obstructive pulmonary disease (COPD).

**Precautions**

- Use with caution in patients with history of psychiatric disturbances, diabetes mellitus, and chronic renal or hepatic disease.

**Dosing and Administration**

- **Adults:** Initially, 0.5 mg once daily. The dose may be increased to 1 mg once daily depending on the clinical response.
- **Geriatric Patients:** Start with 0.5 mg once daily and adjust based on response.

**Side Effects**

- Headache
- Nausea
- Vomiting
- Diarrhea
- Dysphoria
- Tachycardia

**Adverse Reactions**

- Rarely, ergotism (tension, confusion, visual disturbances).

**Overdose**

- Symptoms: Hypertension, tachycardia, agitation.
- Treatment: Symptomatic and supportive care.

**Drug Interactions**

- Inform your healthcare provider if you are taking any other medications, including over-the-counter drugs, to avoid potential drug interactions.

**Patient Information**

- This medication should only be used under medical supervision.
- Inform your doctor if you experience any unusual side effects.
- Store at room temperature, away from light and moisture.

**References**

- Data on file at the manufacturer.
- Literature review on the efficacy and safety of Dostinex in the treatment of acromegaly and Cushing's disease.

**Additional Information**

- Dostinex is manufactured by a leading pharmaceutical company and is available in several countries upon prescription.

**Note:** This summary provides a general overview of Dostinex and its usage. Always consult your healthcare provider for specific guidance and advice.