

Alfa-Calostyle 0.5 Tablet

Alfacalcidol 0.50mcg Tablet

Description:

Alfacalcidol 0.50mcg Tablet is a synthetic form of vitamin D used to treat and manage calcium and phosphate metabolism disorders. It is especially beneficial for patients with conditions such as renal osteodystrophy, hypocalcemia, and osteomalacia. Alfacalcidol helps regulate calcium levels by promoting its absorption from the intestines and maintaining proper bone health. It is frequently used in patients with kidney disorders, where the body may not effectively convert vitamin D to its active form.

Composition:

Each tablet contains:

- Alfacalcidol: 0.50 mcg
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Indications:

Alfacalcidol 0.50mcg Tablet is used for the following conditions:

1. **Renal Osteodystrophy:**
 - To manage bone disease in patients with chronic kidney disease (CKD), particularly those undergoing dialysis or with impaired kidney function.
2. **Hypocalcemia:**
 - For the treatment of low calcium levels in blood, often associated with kidney disease,

hypoparathyroidism, or vitamin D deficiency.

3. **Osteomalacia and Rickets:**

- For the treatment of soft, weakened bones caused by vitamin D deficiency.

4. **Osteoporosis:**

- To improve calcium absorption in the intestines, reduce bone loss, and enhance bone strength.
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Dosage and Administration:

- **Adults:**

- Starting dose is typically 0.25 mcg to 0.50 mcg daily, depending on the condition being treated. The dosage may be adjusted based on individual response and serum calcium levels.

- **Renal Osteodystrophy:**

- The dose is adjusted based on the calcium levels and the severity of kidney disease.

- **Children:**

- Dosing should be determined by a healthcare provider based on the child's weight and condition.
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How to Take:

1. Take Alfacalcidol with a glass of water, preferably with or after meals for better absorption.
 2. Swallow the tablet whole; do not chew or crush.
 3. Do not exceed the prescribed dosage, and always follow your doctor's instructions.
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Side Effects:

Common side effects may include:

- **Hypercalcemia** (elevated calcium levels), which may cause nausea, vomiting, constipation, confusion, and weakness.
- **Headache, dizziness, or dry mouth.**
- **Fatigue or muscle pain.**

Serious side effects include:

- **Severe allergic reactions:** Rash, itching, swelling, difficulty breathing.
- **Kidney stones or renal problems** due to high calcium levels.
- **Excessive calcium deposits in tissues** (calcification).

Precautions:

1. **Monitor Calcium Levels:**
 - Regular blood tests for calcium and phosphate levels are necessary during treatment to avoid hypercalcemia or hypophosphatemia.
2. **Kidney Disease:**
 - Alfacalcidol should be used cautiously in patients with kidney dysfunction. Close monitoring of kidney function and serum calcium is essential.
3. **Pregnancy and Breastfeeding:**
 - Consult your doctor before using Alfacalcidol if you are pregnant or breastfeeding. It should only be used if the potential benefit justifies the potential risk.
4. **Heart Disease:**
 - Caution is advised in patients with heart disease due to the risk of calcium-related complications.

Interactions:

- **Calcium Supplements:**
 - Caution should be exercised when using calcium supplements with Alfacalcidol as it may increase the risk of hypercalcemia.
- **Thiazide Diuretics:**
 - May increase calcium levels in the blood, increasing the risk of adverse effects when combined with Alfacalcidol.
- **Magnesium and Iron Supplements:**
 - May affect the absorption of Alfacalcidol or interact with its effects on calcium metabolism.
- **Corticosteroids:**
 - Long-term use of corticosteroids can decrease the effectiveness of Alfacalcidol.

Storage Instructions:

- Store at room temperature (15°C to 30°C).
- Keep in a dry place, away from heat and moisture.
- Keep out of reach of children.

Note: Alfacalcidol 0.50mcg Tablet should be taken under the supervision of a healthcare provider. Regular monitoring of serum calcium and phosphate levels is essential to avoid complications such as hypercalcemia. Always follow your doctor's dosage recommendations for the best results.

Manufactured in India for:

CafoliTM
L I F E C A R E

Cafoli Lifecare Pvt. Ltd.

(An ISO 9001: 2015 Certified Co.)

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