

Calostyle K27 Softgel

Calcitriol 0.25 mcg + Calcium Citrate
Maleate 500 mg + Vitamin K2-7 50
mcg + Zinc 7.5 mg

Softgel Capsule

Introduction

This **softgel capsule** is a scientifically formulated supplement that provides a **comprehensive approach to bone health, calcium metabolism, and immune support**. The combination of **Calcitriol, Calcium Citrate Maleate, Vitamin K2-7, and Zinc** ensures **optimal calcium absorption, bone mineralization, and cardiovascular health**. It is specifically designed to prevent and manage **osteoporosis, calcium deficiency, and age-related bone loss**.

Composition

Each **softgel capsule** contains:

- **Calcitriol (Active Vitamin D3):** 0.25 mcg
- **Calcium Citrate Maleate (CCM):** 500 mg
- **Vitamin K2-7:** 50 mcg
- **Zinc:** 7.5 mg

Pharmacological Profile

1. Calcitriol (0.25 mcg) – Active Vitamin D3

Overview:

Calcitriol is the active form of **Vitamin D3**, which plays a vital role in **calcium absorption, bone strength, and immune function**.

Mechanism of Action:

- Enhances **intestinal absorption of calcium and phosphorus**, ensuring proper bone mineralization.
- Regulates **parathyroid hormone (PTH) levels**, preventing excessive bone resorption.
- Supports **immune function**, reducing inflammation and enhancing overall health.

Clinical Benefits:

- **Prevents and treats osteoporosis, rickets, and osteomalacia.**
- **Improves calcium utilization**, reducing bone loss.
- **Enhances neuromuscular function**, reducing muscle weakness.

2. Calcium Citrate Maleate (500 mg) – Highly Absorbable Calcium

Overview:

Calcium Citrate Maleate (CCM) is a **highly bioavailable form of calcium** that is easily absorbed and utilized by the body.

Mechanism of Action:

- Provides **elemental calcium** for strong bones and teeth.
- Helps in **bone remodeling and density maintenance**.
- Works synergistically with **Calcitriol and Vitamin K2-7** for enhanced calcium deposition in bones.

Clinical Benefits:

- **Prevents bone fractures and osteoporosis.**
- **Highly soluble, even in individuals with low stomach acid.**
- **Less likely to cause kidney stones compared to other calcium forms.**

3. Vitamin K2-7 (50 mcg) – Bone & Cardiovascular Health Booster

Overview:

Vitamin K2-7 is a key nutrient that helps direct **calcium to the bones instead of soft tissues**, preventing arterial calcification.

Mechanism of Action:

- Activates **osteocalcin**, a protein that binds calcium to bones.
- Inhibits **vascular calcification**, promoting arterial flexibility.
- Works in synergy with **Calcitriol and Calcium Citrate Maleate** for better bone strength.

4. Zinc (7.5 mg) – Essential Trace Mineral for Bone Growth

Overview:

Zinc is an essential mineral involved in **bone formation, immune function, and enzymatic activity**.

Mechanism of Action:

- Stimulates **osteoblasts (bone-forming cells)** for new bone synthesis.
- Regulates **collagen formation**, essential for bone matrix integrity.
- Supports **wound healing and immune function**.

Clinical Benefits:

- **Aids in fracture healing and bone regeneration.**
- **Improves immune defense** against infections.
- **Enhances enzymatic activity for better calcium metabolism.**

Indications & Therapeutic Uses

This softgel capsule is **highly recommended** for:

- **Osteoporosis and osteopenia** (bone loss conditions).
- **Postmenopausal women** to prevent age-related bone weakening.
- **Calcium and vitamin D deficiency.**
- **Fracture healing and bone repair.**
- **Joint health and skeletal maintenance.**
- **Individuals with poor dietary calcium intake.**

Dosage & Administration

- **Recommended Dose:** One softgel capsule daily, or as directed by a healthcare professional.
- **Best Time to Take:** Preferably with meals for **better absorption**.
- **Administration:** Swallow with water; **do not crush or chew**.

Precautions & Warnings

- **Not suitable for individuals with hypercalcemia, kidney disease, or hyperparathyroidism.**
- **Caution in patients with cardiovascular disease** due to calcium metabolism effects.
- **Monitor vitamin D and calcium levels in long-term users.**
- **Pregnant and lactating women should consult a doctor before use.**

Possible Side Effects

Though generally well-tolerated, some individuals may experience:

- **Calcitriol:** Hypercalcemia (excess calcium), nausea, or kidney-related issues in high doses.
 - **Calcium Citrate Maleate:** Mild gastric discomfort, constipation, or bloating.
 - **Vitamin K2-7:** Rare allergic reactions or interference with blood-thinning medications.
 - **Zinc:** Gastrointestinal disturbances like nausea or indigestion.
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Drug Interactions

- **Calcitriol may interact with corticosteroids, anticonvulsants, and diuretics.**
- **Vitamin K2-7 may interfere with anticoagulants (like warfarin).**
- **Calcium may reduce absorption of iron, bisphosphonates, and thyroid medications.**
- **Zinc may reduce the absorption of certain antibiotics.**

Always consult a healthcare provider before starting supplementation.

Storage Guidelines

- Store in a **cool, dry place** away from direct sunlight.
- Keep at **room temperature (below 25°C)**.
- **Keep out of reach of children.**

Conclusion

This **softgel capsule** offers a **superior combination of essential nutrients for strong bones, proper calcium metabolism, and cardiovascular health.** With its **highly absorbable calcium form (CCM), active vitamin D3 (Calcitriol), Vitamin K2-7, and Zinc**, this formulation ensures **optimal skeletal strength and mineral balance.**

It is an **ideal supplement for individuals seeking bone protection, fracture prevention, and overall wellness.** Always **consult a healthcare professional** before use, especially for those on other medications or with pre-existing health conditions.

Manufactured in India for:



Cafoli Lifecare Pvt. Ltd.

(An ISO 9001: 2015 Certified Co.)

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