SYNERGISTIC FORMULA FOR FOR





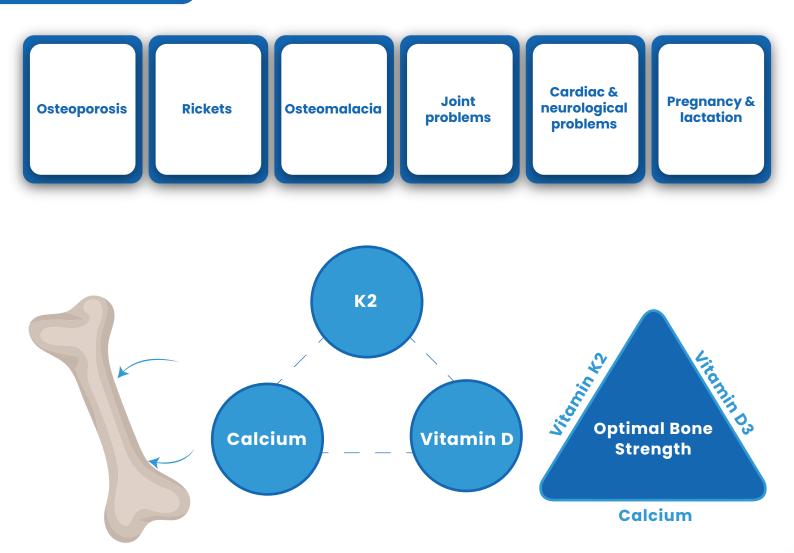




DESCRIPTION:

Neoviscal-D tablet is a combination of calcium carbonate, magnesium, vitamin D3, vitamin C and vitamin K2 to maximize the absorption of calcium and provide strength to joints & bones. It provides 800 IU of Vitamin D3 that prevents weak bones as well as hair loss. It also provide relief from heartburn due to calcium carbonate.

INDICATIONS:



The health effects of vitamin D supplementation: evidence from human studies







ROLE OF INGREDIENTS:

- Calcium carbonate is well known for its role in building and maintaining strong bones and teeth, nails and muscle tissue.
- Magnesium contributes to increased bone density and helps prevent the onset of osteoporosis.
- Vitamin C is essential to the formation of collagen, the foundation that bone mineralization is built on
- Vitamin D3 promotes calcium absorption in the gut and maintains adequate serum calcium concentrations to enable normal bone mineralization and to prevent hypocalcemic tetany (involuntary contraction of muscles, leading to cramps and spasms).
- Vitamin K2 plays a central role in the metabolism of calcium. It helps promote bone health and preserve bone mineral density that reduces the risk of bone fracture ratio.









Calcium & bone homeostasis

- ·Intestine
- ·Osteoblasts and osteocytes Osteoclasts

Immune system

- ·Innate (prevention of infections)
- Adaptive (auto-immune diseases)

Hormone secretion

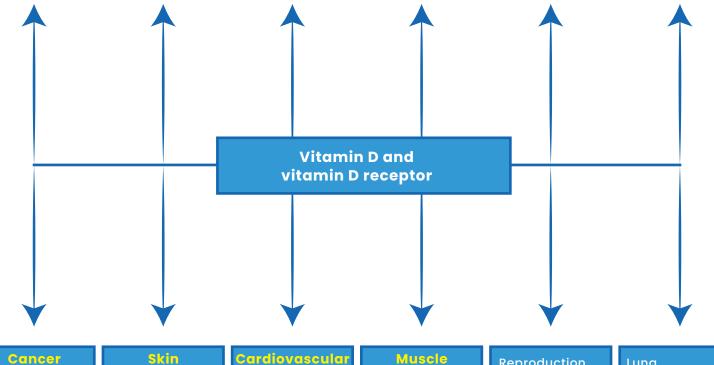
- ·FGF23
- •PTH
- ·Insulin

Mortality and longevity

The metabolic syndrome and energy homeostasis

Brain

- Development
- ·Motor function Behaviour



Cancer

·Cell proliferation Cancer growth e.a leukaemia & colon cancer

- ·Alopecia
- Psoriasis

·Barrier function

Cardiovascular events

- · Vascular wall
- ·Reninangiotensin system
- Cardiac muscle
- Strength & falls
- Development

Reproduction

Lung

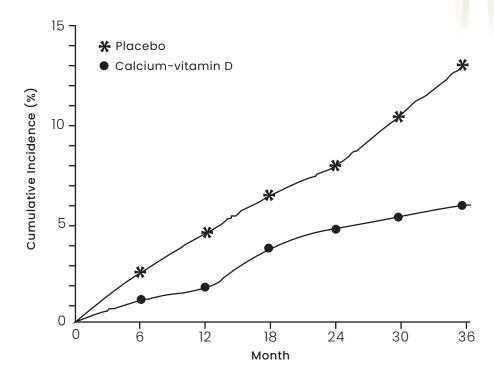
The potential skeletal and extraskeletal target tissues and effects of the vitamin D endocrine system (vitamin D and vitamin D receptor) as based on preclinical and observational studies. In Vitro studies have identified many molecular and genetic targets of vitamin D action. Animal models have confirmed a variety of skeletal and extraskeletal actions. Human observational data are largely in line with preclinical data. The strength of the relationship between the vitamin D endocrine system and health effects are indicated by the arrow thickness.







Cumulative Percentage with a First Nonvertebral Fracture, According to Study Group:2



By 36 months,12.8% of subjects in the placebo group & 5.8% of subjects in the calcium-vitamin D group had a fracture. In this study, dietary supplementation with calcium and vitamin D reduced bone loss moderately in men and women 65 years of age or older who were living in the community.

BENEFITS:

- Reduces the risk of osteoporosis.
- · Protects against bone loss and promotes bone density & joint flexibility.
- Supports bone integrity and mineralization.
- Prevents rickets in children and osteomalacia in adults.
- · Maintain healthy gums and teeth.
- Plays an essential role in bone metabolism as well as reduces risk of fractures.







Advanced formula for bones with highest absorption

800 IU of vitamin D3 to fulfill daily value

Provides relief from heartburn with calcium carbonate

Provides
highest elemental
calcium 40%

Proper utilization and absorption of calcium with Vitamin K2 and D3

COMPOSITION:

Each Tablet Contains:

•	Vitamin C:	25 mg
•	Vitamin D3:	800 IŬ
•	Vitamin K2:	50 mcg
•	Calcium carbonate:	360 mg
•	Magnesium [.]	160 ma

DOSAGE:

 1-2 tablets daily with meal or as directed by the physician.

PRESENTATION:

Available in 3 x 10's Alu-ALu Blister Pack.

REFERENCES

https://www.nature.com/articles/s41574-021-00593-z https://www.nejm.org/doi/full/10.1056/NEJM199709043371003



