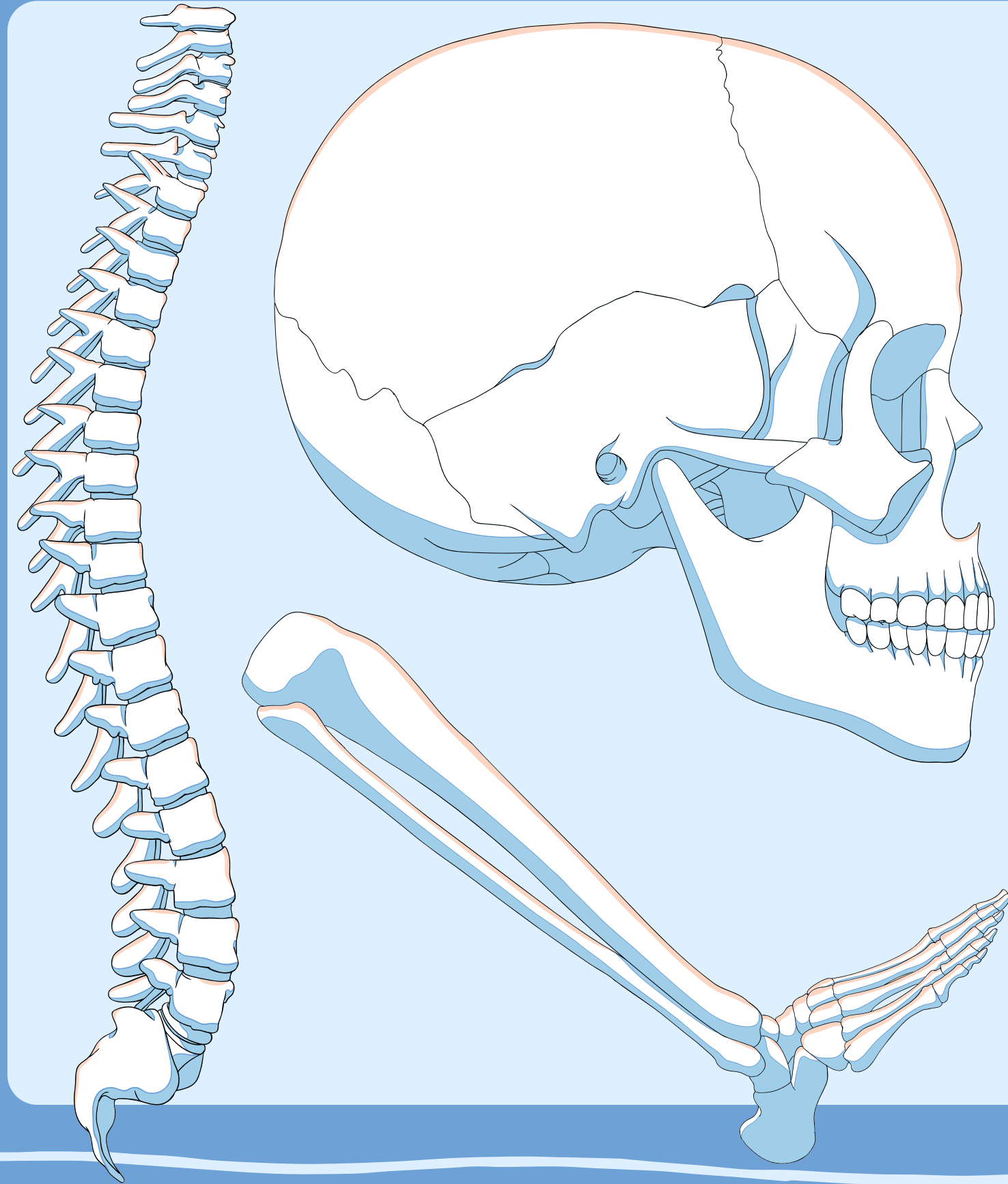


ReaTure[®]
न्यूTRITION

TOTAL BONE, MUSCLE & IMMUNE HEALTH SOLUTION WITH IN Reo-Cal-D3





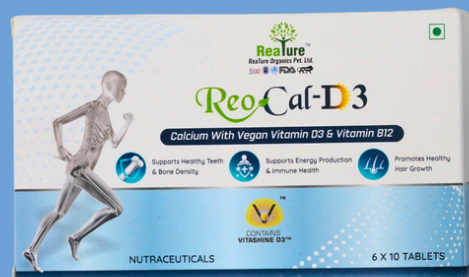
ACTIVE INGREDIENTS

1. Calcium Citrate
2. Vegan Vitamin D3 (From Lichen Source – Vitashine D3™)
3. Vitamin B12 (Cyanocobalamin)
4. Sea Buckthorn Extract
5. Magnesium (as Magnesium Oxide)
6. Vitamin K2-7
7. Zinc (as Zinc Sulphate)

ABOUT

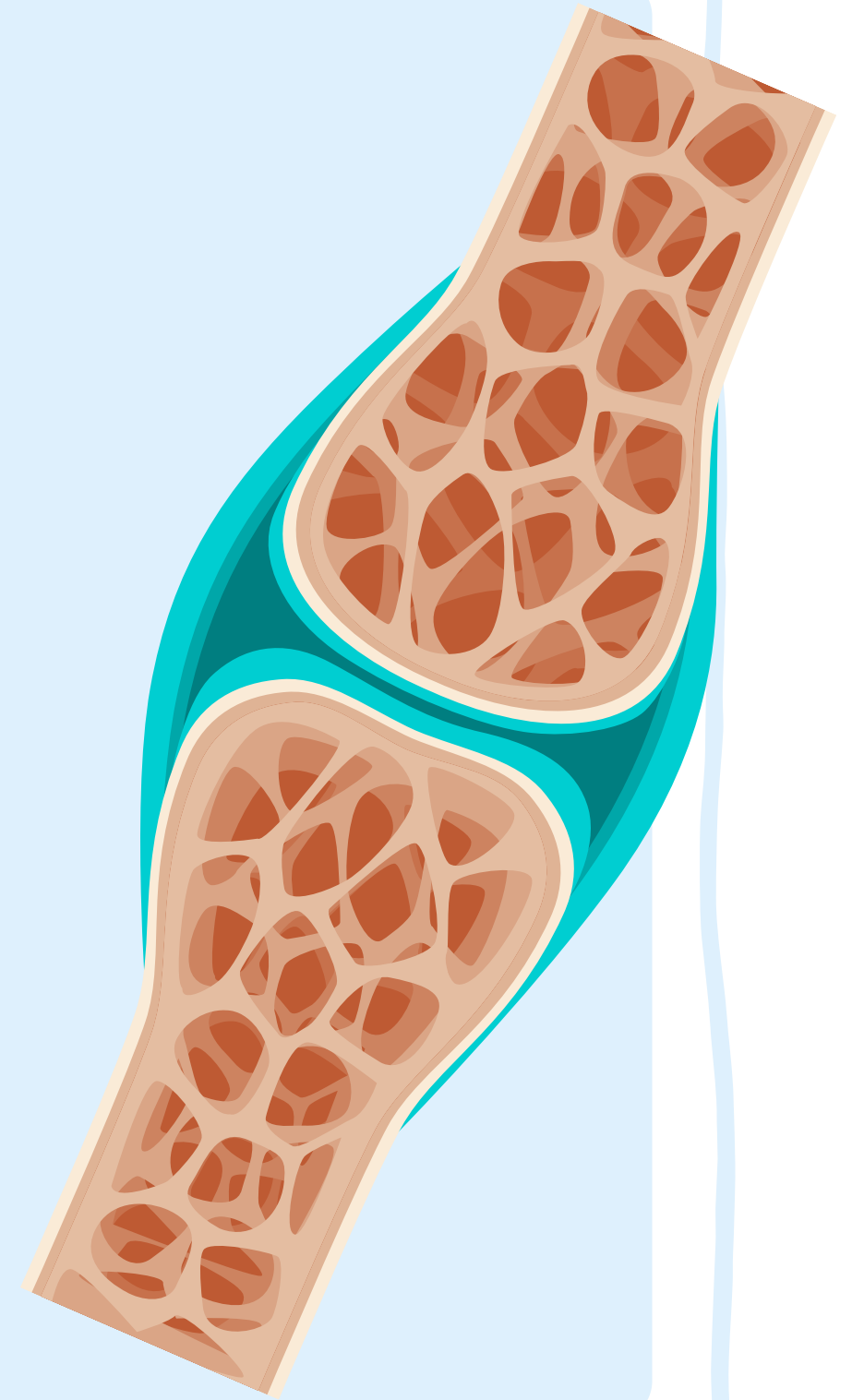
This advanced nutritional supplement is specially formulated with a powerful blend of Calcium Citrate, Vegan Vitamin D3, Vitamin K2-7, Magnesium, Zinc, Vitamin B12, and Sea Buckthorn Extract to support overall bone strength, muscle function, and immunity.

It helps improve calcium absorption, strengthens bones and joints, supports healthy muscles and nerves, and contributes to better energy levels and daily vitality. Regular use supports long-term skeletal health and overall wellness.



Benefits of CALCIUM CITRATE

1. Superior Absorption: Calcium citrate has high bioavailability, meaning the body absorbs it efficiently, even without food, and is ideal for people with low stomach acid.
2. Bone Health & Density: It helps prevent bone loss, reduces the risk of osteoporosis, and aids in treating conditions like rickets or osteomalacia.
3. Reduced Kidney Stone Risk: Unlike some calcium forms, calcium citrate helps prevent the formation of kidney stones.
4. Muscle & Nerve Function: Essential for muscle contraction, nerve signal transmission, and maintaining a normal heart rate.
5. Gentle on Stomach: It is less likely to cause constipation, gas, or bloating, making it a better option for those with sensitive digestive systems.
6. Support for Specific Groups: Beneficial for pregnant women, breastfeeding mothers, and postmenopausal women.



Benefits of VEGAN VITAMIN D3



1. 100% Plant-Based: Vitamin D3 in most supplements is typically derived from lanolin (sheep's wool) or fish oil, making it unsuitable for vegans. The lichen source provides a truly vegan and vegetarian-friendly option
2. Bone and Dental Health: It significantly increases and facilitates the intestinal absorption of calcium and phosphorus, which are crucial for building and maintaining strong bones and teeth. This helps reduce the risk of conditions like osteoporosis and fractures.
3. Immune System Support: Vitamin D3 plays a vital role in modulating and supporting the immune system, helping the body fight off infections and manage inflammation.
4. Muscle Function: Adequate D3 levels help regulate calcium in muscle cells, which can improve muscle performance and strength, reducing the risk of weakness and falls, particularly in older adults.
5. Mood and Cognitive Function: It has been linked to improved mood and cognitive function, potentially by enhancing serotonin levels in the brain and supporting neuroprotection.
6. Energy Levels: Many users and product descriptions report a reduction in mental and physical fatigue, leading to enhanced energy and vitality



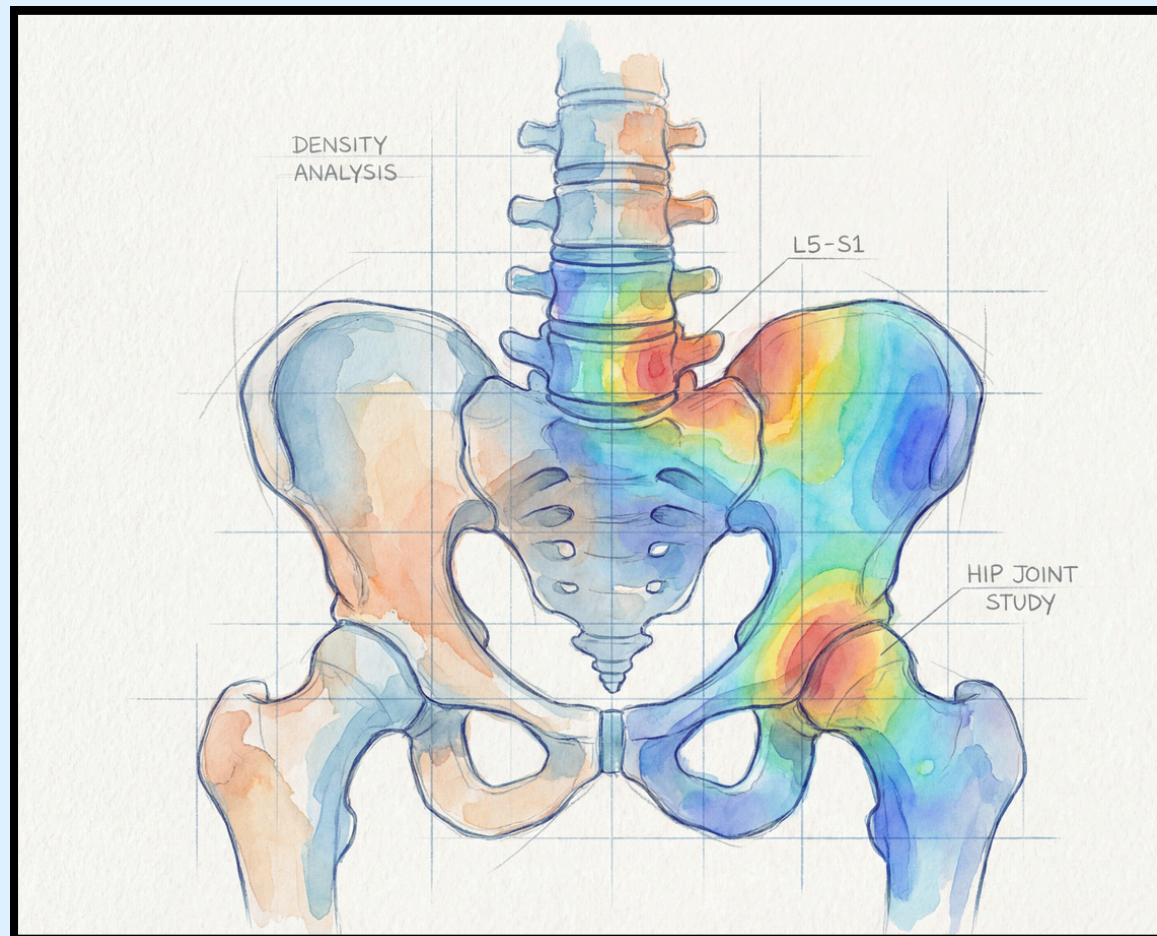
Benefits of VITAMIN B12 (CYANOCOBALAMIN)

1. Bone Formation (Osteoblast Activity): Vitamin B12 is essential for the synthesis and activity of osteoblasts, the cells responsible for building new bone tissue. A deficiency can impair this bone-building process, leading to weaker bones.
2. Homocysteine Regulation: The vitamin is a crucial cofactor in the metabolism of homocysteine. Without adequate B12, homocysteine levels in the blood can rise (hyperhomocysteinemia). Elevated homocysteine interferes with collagen cross-linking in the bone matrix, making the bones more porous, fragile, and susceptible to fractures.
3. Production of Supporting Compounds: Vitamin B12 is involved in the production of other essential substances like the amino acid taurine, which has been shown to regulate bone mass and growth through the growth hormone-IGF1 axis.
4. Red Blood Cell Production: It supports the production of healthy red blood cells, ensures that bone tissues receive sufficient oxygen and nutrients necessary for their maintenance and repair.
5. Higher Bone Mineral Density (BMD): Studies have found that individuals with adequate vitamin B12 levels tend to have higher bone mineral density, a key indicator of bone strength.
6. Prevention of Osteoporosis: By promoting healthy bone formation and structure, sufficient B12 intake is a vital component of a comprehensive strategy for preventing bone-related disorders like osteoporosis.





Benefits of SEA BUCKTHORN EXTRACT

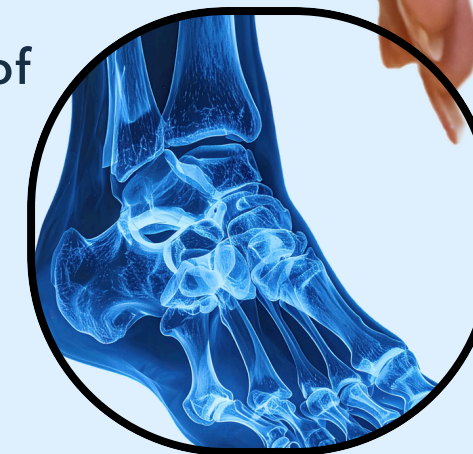


1. Promotes Bone Formation: Studies show that sea buckthorn (*Hippophae rhamnoides*) extract stimulates the differentiation of mesenchymal stem cells into osteoblasts (bone-forming cells). It also increases the expression of key osteogenic genes and proteins, such as alkaline phosphatase (ALP), Runx2, and Osteopontin.
2. Increases Bone Mineral Density and Strength: In animal models of osteoporosis, the extract has been found to significantly increase bone mineral density and cortical bone thickness, improving overall bone strength and microarchitecture.
3. Inhibits Bone Resorption: The extract contains flavonoids like isorhamnetin, quercetin, and kaempferol, which help inhibit osteoclast formation (cells that break down bone). This helps maintain a healthy balance between bone formation and resorption.
4. Reduces Inflammation and Oxidative Stress: Sea buckthorn is rich in antioxidants and anti-inflammatory compounds, which help mitigate oxidative stress and chronic inflammation that can damage bone tissue and contribute to conditions like osteoporosis.
5. Supports Overall Bone Metabolism: The extract helps regulate key signaling pathways involved in bone metabolism, such as the Wnt/ β -catenin pathway, and can elevate levels of hormones like estrogen which are crucial for maintaining bone health, particularly in postmenopausal individuals.

Benefits of MAGNESIUM

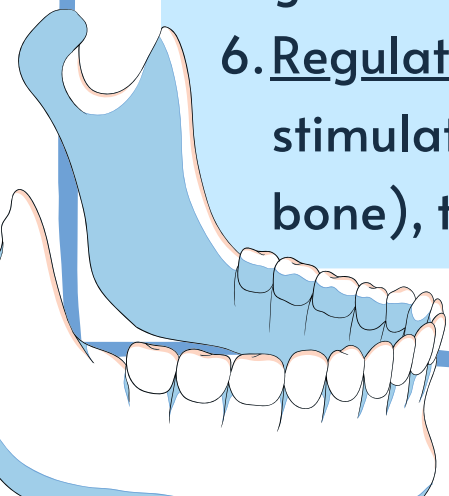


1. Structural Component: Approximately 60% of the body's magnesium is stored in the bones, where it is an integral part of the bone mineral crystal (hydroxyapatite), contributing to skeletal structure and integrity.
2. Mineral Regulation and Activation: Magnesium is essential for converting Vitamin D into its active form, which in turn enables the proper absorption of calcium in the intestines.
3. Hormonal Balance: It helps regulate the parathyroid hormone (PTH), which controls calcium levels in the blood and the continuous process of bone remodeling (formation and resorption of bone tissue).
4. Cell Function: Magnesium acts as a critical cofactor for hundreds of enzymes involved in building proteins and new bone matrix, and it stimulates the activity of osteoblasts (bone-building cells).
5. Reduced Bone Loss: Adequate magnesium intake is associated with higher bone mineral density (BMD), particularly in the hip and femoral neck, and a lower risk of fractures and osteoporosis, especially in postmenopausal women.
6. Anti-Inflammatory Effects: Magnesium deficiency can lead to low-grade inflammation, which accelerates bone loss, so maintaining sufficient levels helps protect bone tissue from damage.



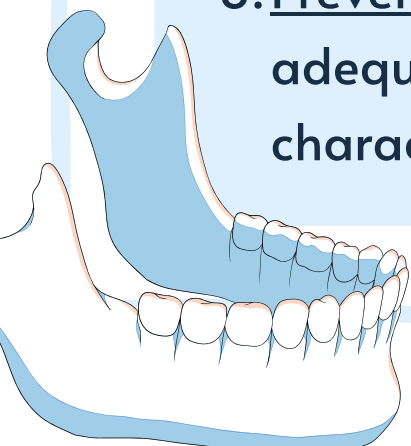
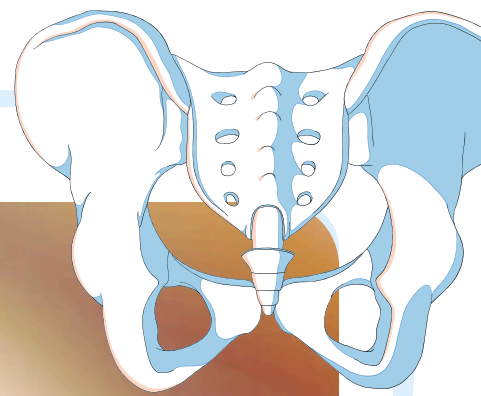
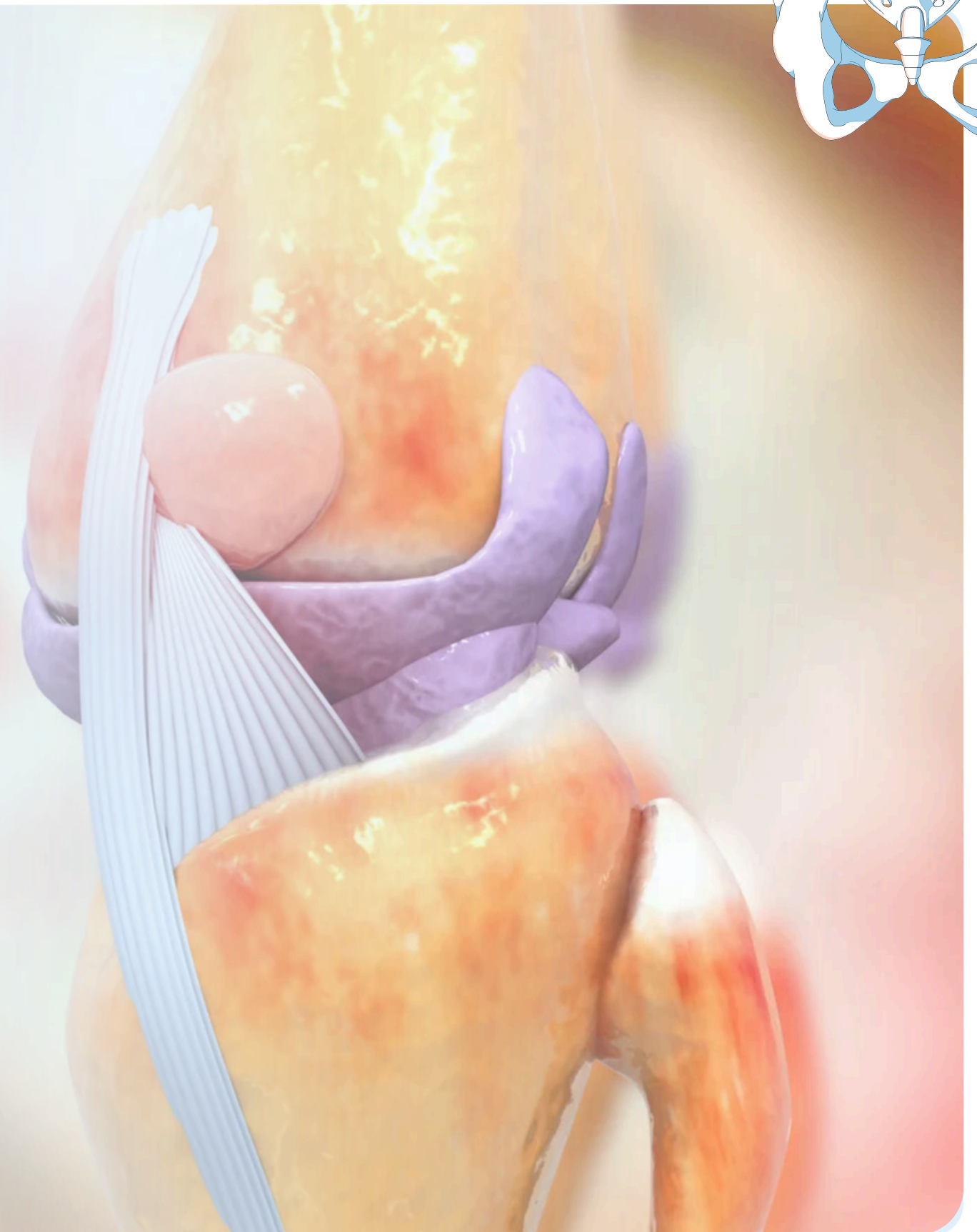
Benefits of VITAMIN K2-7

1. Activates Osteocalcin: Vitamin K2-7 is essential for the gamma-carboxylation (activation) of osteocalcin, a protein produced by osteoblasts (bone-building cells). Active osteocalcin binds strongly to calcium ions and anchors them within the bone matrix, a process called bone mineralization.
2. Directs Calcium: It ensures that absorbed calcium is effectively utilized for building strong bones and teeth, rather than being deposited in soft tissues like arteries and kidneys, a phenomenon known as the "calcium paradox".
3. Enhances Bone Density and Strength: By promoting proper calcium binding, K2-7 helps to significantly improve bone mineral density (BMD) and overall bone quality and flexibility, which is crucial for structural integrity and resilience.
4. Reduces Fracture Risk: Clinical studies, particularly in postmenopausal women, suggest that adequate K2-7 intake is associated with a substantially lower risk of osteoporotic fractures (including hip and vertebral fractures).
5. Synergy with Vitamin D and Calcium: Vitamin K2-7 works in tandem with Vitamin D3, which boosts calcium absorption from the gut. K2-7 then serves as the "traffic controller" to ensure the calcium goes to the bones.
6. Regulates Bone Remodeling: It helps maintain a healthy balance between bone formation (by stimulating osteoblasts) and bone resorption (by inhibiting osteoclasts, the cells that break down bone), thus supporting the continuous renewal of the skeleton.



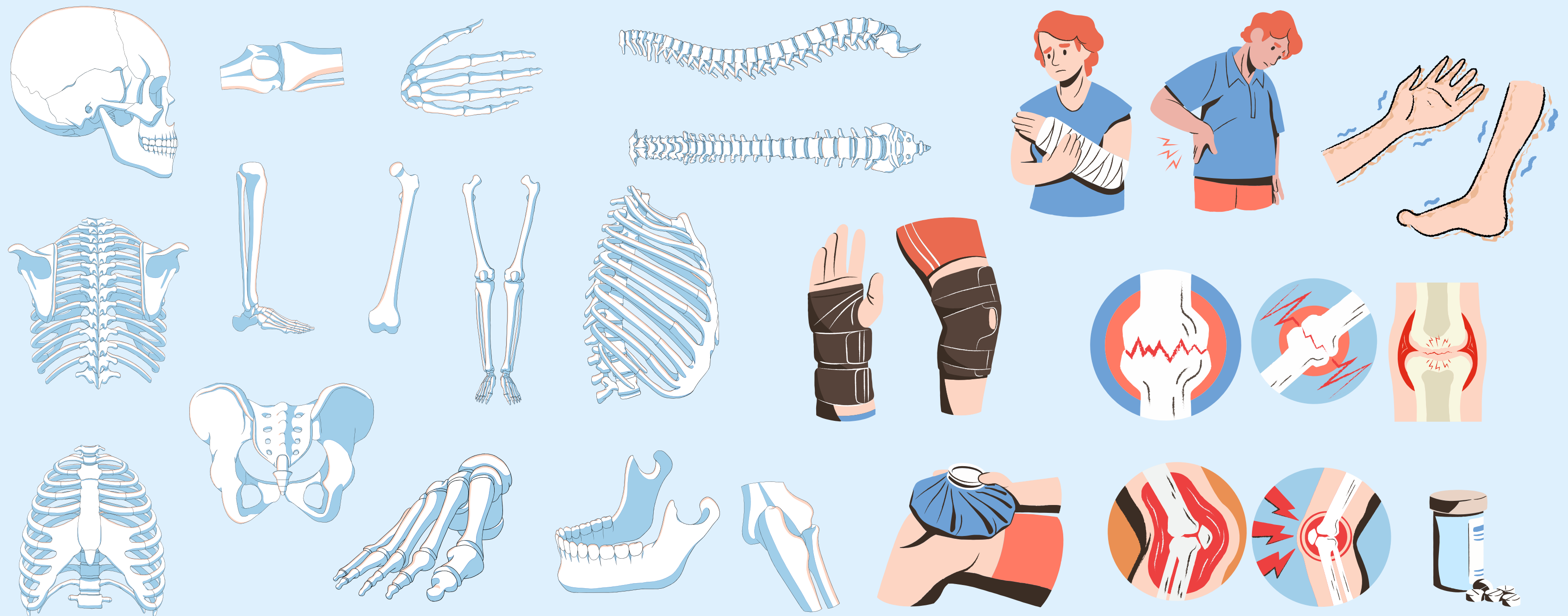
Benefits of ZINC

1. Stimulates Osteoblasts: Zinc promotes the proliferation and differentiation of osteoblasts, which are the cells responsible for building new bone tissue. It stimulates bone marker protein activity, such as alkaline phosphatase (ALP), an enzyme crucial for bone mineralization.
2. Inhibits Osteoclasts: The mineral helps maintain a healthy balance in bone remodeling by inhibiting the formation and activity of osteoclasts, the cells that break down bone tissue (bone resorption). It can also promote osteoclast apoptosis (programmed cell death).
3. Collagen Synthesis: Zinc is a vital component and cofactor for enzymes like collagenase, which are involved in the synthesis and structuring of the collagen matrix, the protein framework that provides bone with its structure and flexibility.
4. Mineralization: It is essential for the proper mineralization of bones by contributing to the formation of hydroxyapatite crystals, the inorganic compounds that make bones hard and strong
5. Bone Regeneration: Studies show that zinc plays a key role in bone repair and regeneration processes, and zinc-containing biomaterials are being researched for use in orthopedics to improve healing outcomes after fractures or surgery
6. Prevents Bone Loss: By promoting bone formation and suppressing bone resorption, adequate zinc intake helps in the prevention of osteopenia and osteoporosis, conditions characterized by low bone density and increased fracture risk



KEY HIGHLIGHTS

Supports strong bones & teeth, Enhances calcium absorption
Helps maintain muscle & nerve health, Strengthens immunity
Promotes overall vitality





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न्यूTRITION

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THANK YOU

You for Being a Part of Our
Wellness Journey.