

Ist Time in India

**A COMPLETE PHYTOMINERAL
BONE THERAPY**

For



**FRACTURED
BONES**

**OSTEO-
POROTIC
BONES**

**DELAYED
BONE
GROWTH**

**BONE-
MINERAL
DEFICIENCY**

Boniheal[®] *Thats out of the
Ordinary...*

Provides Natural Calcium, probone minerals & phytocomponents for complete bone health

Boniheal[®]

Reduces the Bone Loss & Increases the Bone Strength

Fastens Fracture Healing

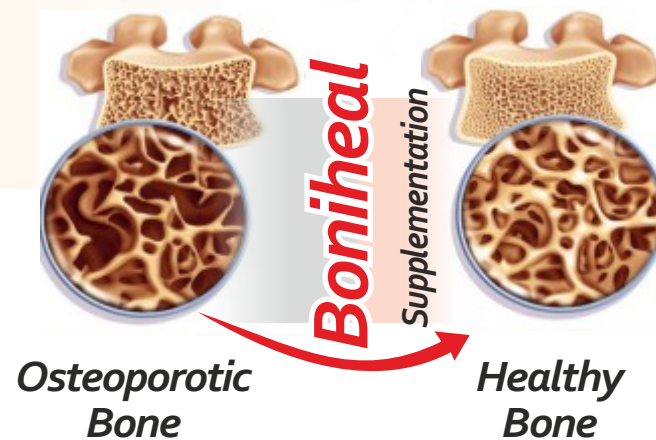
Boniheal[®] increases rate of fracture healing by influencing the regeneration of connective tissue of mesenchymal origin viz.- Chondroblasts, Fibroblast & Osteoblast.

Promotes Calcification of Bones

Improves calcium deposition in bone matrix to insure stability & strength of the bone. It effectively reduces the bone loss. Boniheal plays an important role in correcting deficiency imbalance. Supplements calcium in bio-available form.

Increases Osteoblastic Activity

by exerting anabolic effect on osteoblast precursors like Runx-2 and reducing osteoclastic activity thereby, facilitating bone formation.



Provides Calcium & Pro-bone minerals

Supplements Calcium, Magnesium, Boron, Vitamin K, Zinc, Copper, Silica and also Omega 3,6 for maintenance of skeletal integrity and bone health, helps attain peak bone mass.



Improves Bone Mineral Density (BMD)

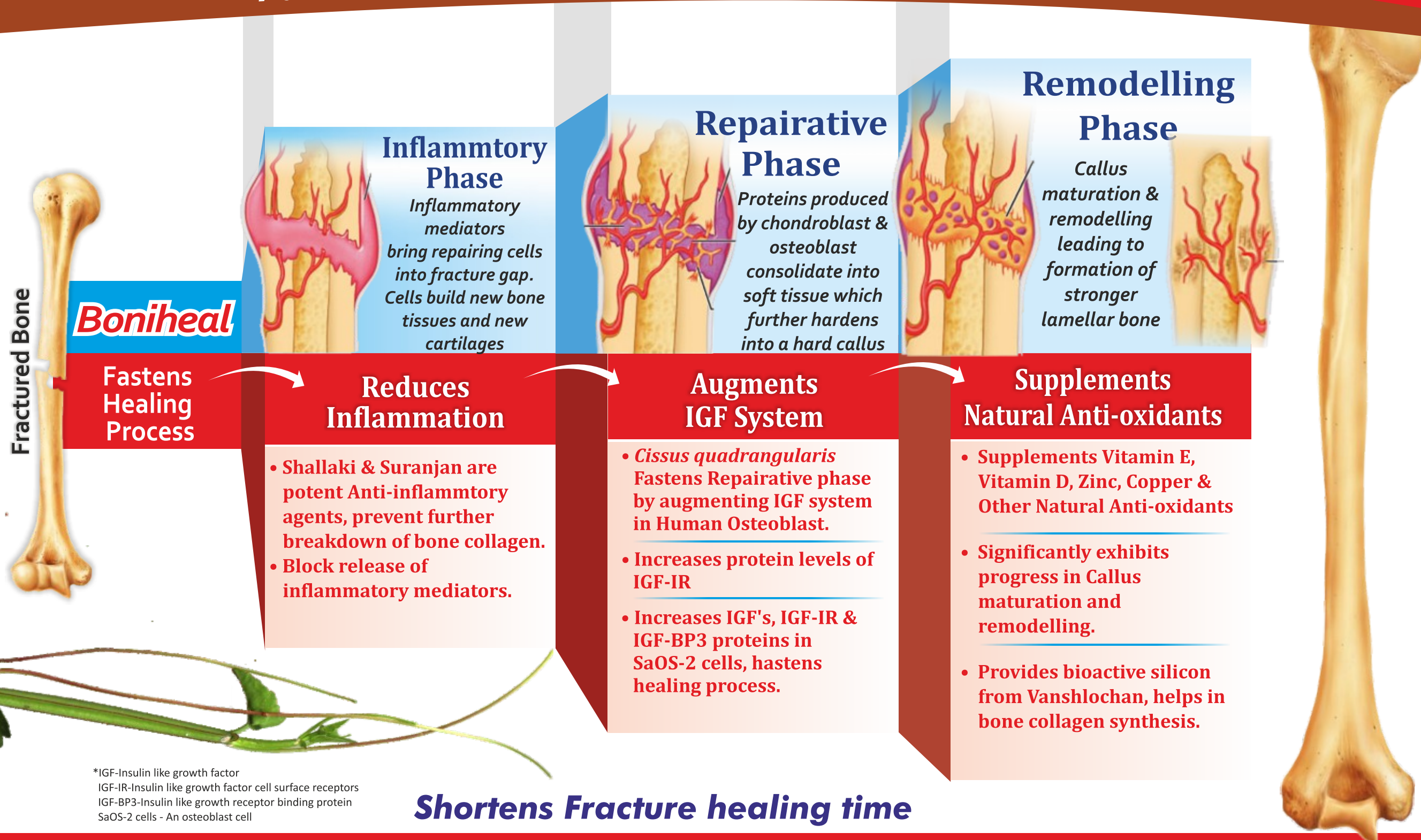
Boniheal[®] Suspension has been scientifically developed on the basis of the very latest research to include calcium, Vit. D, magnesium, Zinc & vital botanical extracts which contribute to the maintenance of normal bone health.

Reduces Pre- & Post-menopausal bone loss

Supplements phytoestrogens, exerting estrogen like effects in bone which reduce bone loss and increase bone strength thereby, prevent deteriorative changes in bones.

Boniheal[®]

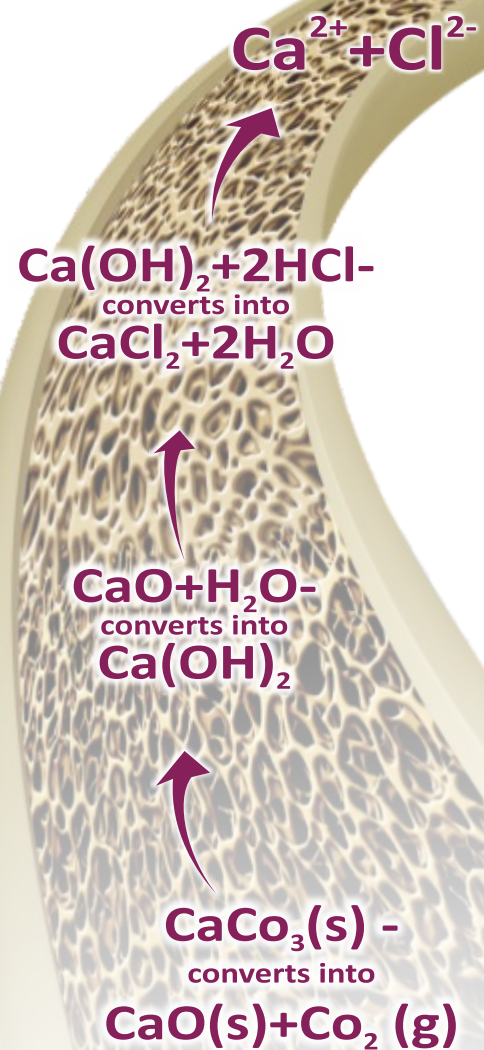
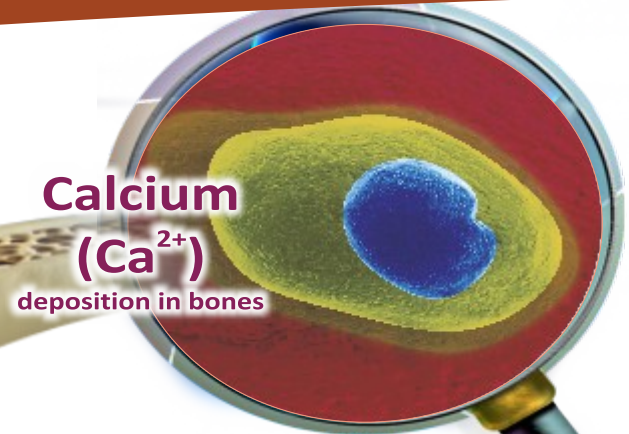
Fastens Fracture Healing Naturally...



Boniheal[®]

Reduces the Bone Loss & Increases the Bone Strength

SUPPLEMENTS
Natural Calcium
 in **4** active forms



1 CALCIUM SULPHATE

Boniheal[®] contains Gypsum (Godanti bhasam) a natural calcium in the form of calcium sulphate di hydrate that helps maintain healthy bone structure.

- Easily absorbed in the body.
- Helps to heal the bones rapidly.
- Fills bone voids-fights osteoporosis.

2 CALCIUM SILICATE

Boniheal[®] contains Bambusa arundinacea exd.(Vansh lochan) a richest known source of natural silica containing over 70% organic silica along with calcium and other minerals.

- Provides strength & resilience to collagen & elastin.
- Catalyzes the fixation of calcium to the bones
- Speed up the consolidation of bone fractures.

3 CALCIUM OXIDE

Boniheal[®] supplements calcium in its oxide form that is having tendency to get absorbed directly and enrich the bones naturally.

- Easily absorbed in the body.
- Helps to heal the bones easily.
- Fills bone voids-fights osteoporosis

4 CALCIUM CARBONATE

Boniheal[®] provides calcium carbonate from Oyster pearl (Mukta shukti) an ideal supplement for the improvement and maintenance of strong bones.

- Most concentrated form of Natural calcium.
- Contains well tolerated calcium
- Ensures good bone health

Vitamin D
 Source in Boniheal-Solanum tuberosum & Pumpkin seeds

- Enhances calcium absorption
- Decreases bone loss
- Lowers risk of fractures
- Prevents & Treats Osteoporosis



Vitamin K
 Source in Boniheal-Alfalfa (Medicago sativa)

- Helps guide calcium towards the target areas where it is needed. Ideally increases bone density ensuring the development of Healthy Bones

Boniheal®

Reduces the Bone Loss & Increases the Bone Strength

Provides

Probone Minerals & Nutrients

TO PROMOTE

PEAK BONE MASS ACHIEVEMENT

Magnesium

Catalytic enzymatic activity regulates bone formation by increasing Calcium & potassium uptake by **Jahar mohra**



Natural Boron

a bone building nutrient enhances metabolism of calcium, phosphorus & magnesium by **Tankan**



Vitamin C

a powerful anti-oxidant, benefits in tissue growth & repair. Improves immunity by **Spinach & Black pepper**



Vitamin A

To improve immune function, promote bone growth & healing by **Sigru**



Zinc

Promotes protein synthesis and collagen formation. Strengthens healthy immune system & healing process by **Yashad**



Silica

Accelerates formation of collagen & connective tissues by **Vansh lochan**



Essential Fatty acids

Vital for proper growth and cell formation by **Flax seeds & Kalonji Oil**



Omega-3 & 6

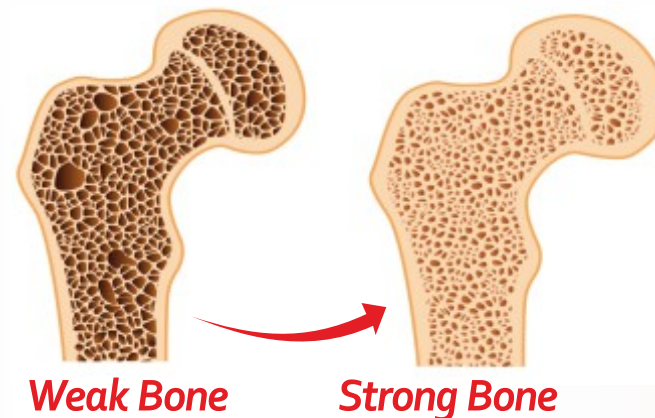
A natural anti-oxidant enhances bone healing by **Flax seeds & Wheat Germ oil**



Supplements Essential Minerals

Strenthens bone

Boniheal® Suspension is a natural calcium & pro-bone mineral supplementation, provides complete support for skeleton and joints. Absorbing calcium and retaining calcium in the bone is complex process requiring trace-minerals. Boniheal does that in an excellent way.



Exerts Anti-oxidant Action

Protects Bone

Boniheal® suspension provides superior bone health anti-oxidant which actually stimulates osteoblasts, the bone building cells. It amazingly neutrilizes free radicals, protects bones & ultimately increase bone density.

Boniheal[®]

Exerts Anabolic effect on Osteoporotic bones

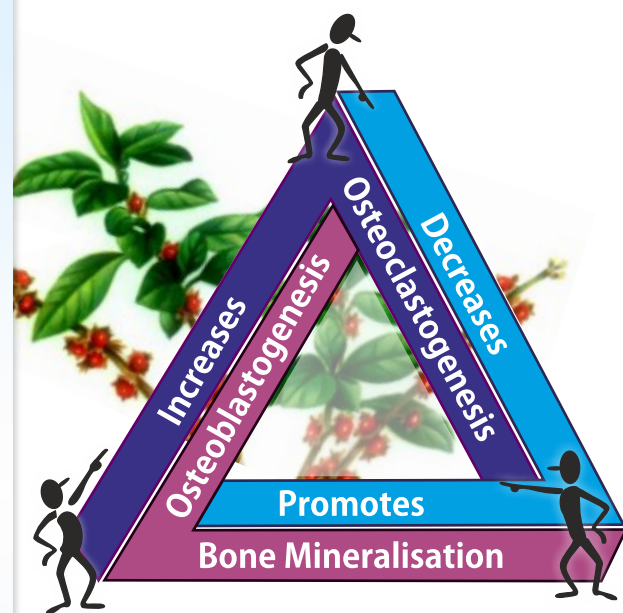
EXCLUSIVE BENEFITS

- ★ A Unique combination of 4 active, easily absorbable forms of Ca.
- ★ A rare combination of essential Pro-bone minerals with Vit. D & K.
- ★ Works in all 3 phases of Fracture healing, shortens bone healing duration significantly, by 2 weeks.
- ★ Increases Osteoblastogenesis, limits Osteoclastogenesis & promotes required bone mineralisation.
- ★ Supplements superior bone health Anti-oxidants.

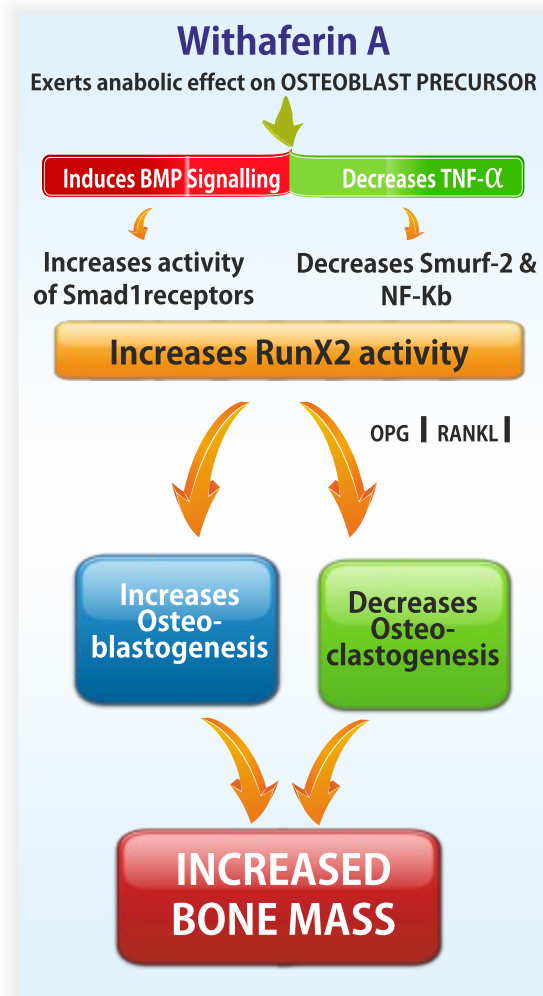
Shows Osteoprotective effect

Withaferin A (WFA) from *Withania somnifera* exerts bone anabolic effects in osteogenic cells induced by proteasome inhibition. BMP (Bone morphogenetic protein) signaling induced by WFA prevents degradation of Smad receptors. The transcription factor RunX2 is further stabilized by proteasomal degradation. WFA decreases TNF- α induced NF-Kb & Smurf 2 expression resulting in increased Smad & RunX2 levels. Proteasome inhibition simultaneously increases oesto-blastogenesis by stabilizing RunX2 & reducing oestoclast numbers directly by inhibiting RANKL: OPG ratio. **Simultaneous induction of Osteoblastogenesis & suppression of osteoclastogenesis results in increased bone mass.** (Cell death & Disease 4, e778, 2013)

WFA: Withaferin A, a phyto-constituent from *Withania somnifera*
 BMP: Bone Morphogenetic protein
 TNF- α : Tumor necrosis factor- α , increased level mediates osteoblast inhibition
 Smurf-2: Smad Ubiquitin regulatory factor -2
 NF-Kb: Nuclear factor Kappa B
 Run X 2: A transcription factor
 OPG: osteoprotegerin, also known as osteoclastogenesis inhibitory factor
 RANKL: receptor activator of nuclear factor kappa-B (RANK) ligand



“Withaferin A, the natural proteosomal inhibitor, exerts anabolic effects on osteoporotic (including post menopausal) bones, osteopenic bones and promotes healing in injured bones.”



INDICATIONS

- Fractured Bone
- Osteoporosis
- Delayed Bone Growth
- Bone Mineral Deficiency

DOSAGE

ADULTS (MEN AND WOMEN):
2 teaspoonful 3 times daily
CHILDREN (3-6 YEARS):
1/2 teaspoonful 2 times daily
CHILDREN (7-12 YEARS):
1 teaspoonful 2 times daily
 or as directed by the Physician.

