



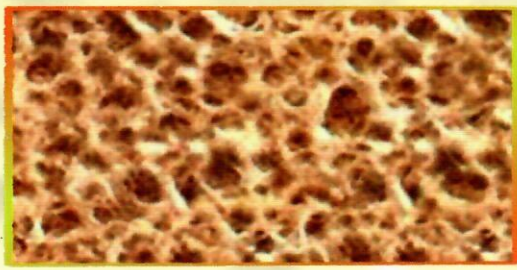
KALSIS[®]

**An essential product
for the control of osteopenia and osteoporosis**



catalysis

osteoporosis
 osteoarthritis
 post-fractures
 osteopenia
 osteoporosis
 osteoarthritis
 post-fractures
 osteopenia
 osteoporosis
 osteoarthritis
 post-fractures



healthy bone

KALSIS

provides calcium t

KALSIS® is a very effective
 with lactobacillus acid

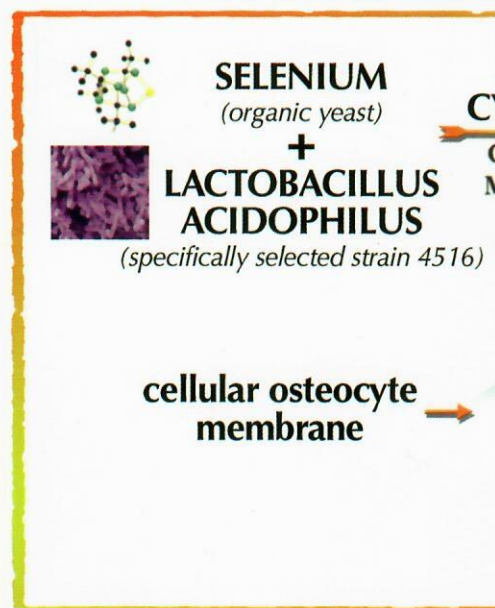
mechanism

The active principles of **KALSIS®** are subjected to the process of molecular activation. This process enhances the effectiveness of the product and brings about a quicker reconstruction of bone mass.

KALSIS® contains specific antioxidants to reduce oxidative stress which impedes proper functioning of the metabolism of the osteoblasts and osteoclasts, thus balancing bone formation and resorption.

Outstanding among the activated ingredients of **KALSIS®** are:

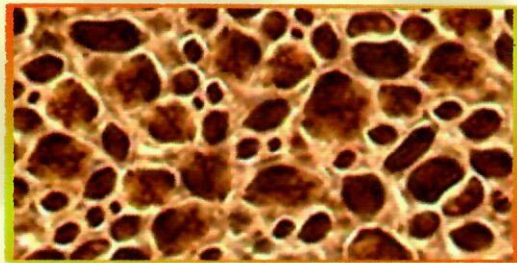
- special strains of ***lactobacillus acidophilus***, which combined with **selenium**, increase and accelerate calcium deposition in bones;
- **calcium gluconate**, which provides greater bioavailability of calcium in the blood as it uses cellular transporters for its absorption;
- **magnesium gluconate**, which supplies the quantities of magnesium required for proper cellular functioning, since it is an essential cofactor for many enzymes.



advantages compare

	KALSIS®
Side effects	100% tolerance with absence of side effects.
Contraindications	None.
Dose	1 capsule 3 times a day after main meals.
Results	24% increase in bone mass in 60% of the patients after 6 months.

KALSIS®

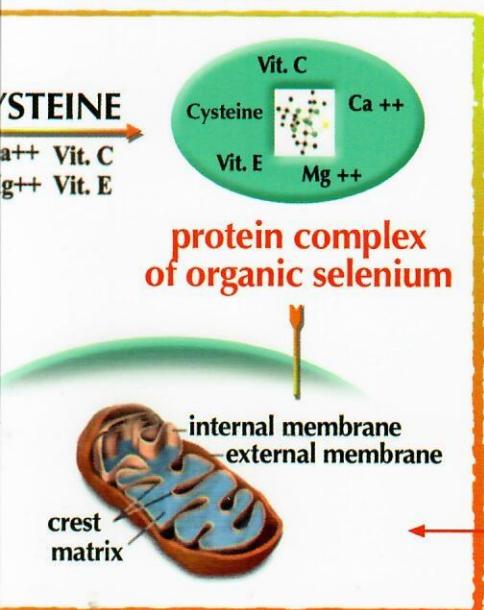


bone with osteoporosis

to the bone system

ive natural preparation ophilus and selenium

n of action



Lactobacillus acidophilus and **selenium**, upon creating synergy due to the process of molecular activation, produce the so-called protein complex of organic selenium, which:

- assists calcium absorption and metabolism;
- has an affinity for the mitochondrial matrix of the bone cells, where it increases the reconstruction and the mineralization of the bone matrix;
- reduces bone resorption and weakening.

ed to bisphosphonates

BISPHOSPHONATES

- Abdominal pain.
- Muscular-skeletal pains.
- Nausea.
- Burning and irritation of stomach and oesophagus.

- Women who are pregnant or planning pregnancy.
- Renal insufficiency.
- Hypocalcaemia.
- Osteomalacia.
- Patients with serious oesophageal or stomach diseases.
- Patients at bedrest and who cannot stay upright for an hour.

the 10 mg/day or 70 mg/week taken on an empty stomach with water only, 30 minutes before eating or drinking. Then remain in an upright position for 30 minutes.

ass 3 - 6% increase in bone mass after 12 months.

KALSIS® is the best solution to increase the reconstruction of bone mass in:

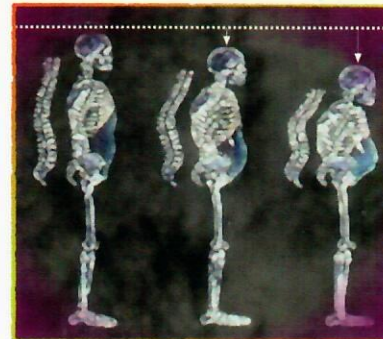
- **OSTEOPENIA and OSTEOPOROSIS**
- **OSTEOARTHRITIS**
- **POST-FRACTURES**
to support bone healing

post-fractures
osteopenia
osteoporosis
osteoarthritis
post-fractures

osteopenia
osteoporosis
osteoarthritis
post-fractures
osteopenia
osteoporosis
osteoarthritis
post-fractures
osteopenia
osteoporosis

KALSIS®

lactobacillus + selenium



Clinical studies carried out at prestigious centres endorse the effectiveness of **KALSIS®** in the regulation of bone metabolism.

Clinical study of KALSIS® as a monotherapy for 6 months in patients with osteopenia

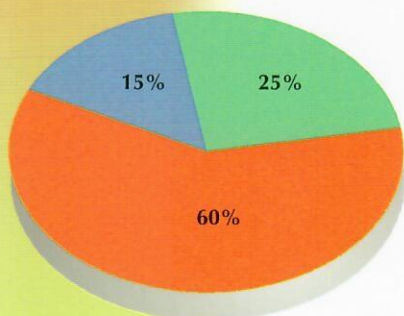
Gailezers Clinical Hospital (Riga / LATVIA)

Dr. Med. Inese Legzdina, Vice President of the Latvian Osteoporosis Society

RESULTS

- **KALSIS®** is appropriate for the treatment of osteopenia, producing a rapid clinical effect.
- An increase in bone density is observed, which would appear to halt the initial process of osteoporosis and have an anabolic effect on bone tissue.

Patients divided into groups according to osteodensitometric result and relative average change on the osteopenic scale



■ negative dynamics ■ without change ■ positive dynamics

Prospective clinical study in patients with osteoporosis and bone pain who had already received other monotherapies or combined therapies (calcium supplements and analgesics or specific bone resorption inhibitors - alendronate - and analgesics), with persistence of pain. The patients received KALSIS® as a monotherapy for three months.

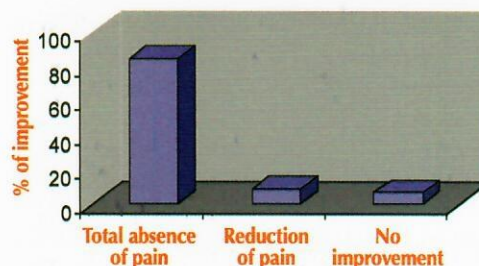
San Jorge Hospital (Tegucigalpa / HONDURAS)

Dr. Daniel Dávila Nolasco

RESULTS

- In 84.78%, total improvement and good quality of life.
- In 8.69%, partial improvement due to work overload.
- In 6.52%, no improvement.
- The tolerance of **KALSIS®** is 100%.
- Absence of side effects.

REDUCTION IN FREQUENCY AND INTENSITY OF PAIN



blister pack with 30 capsules of 500 mg
container with 90 capsules of 500 mg

AVERAGE VALUES (per capsule)

Calcium Gluconate	185 mg
Magnesium Gluconate	85 mg
Citric Fibre	70 mg
Lactobacillus Acidophilus	51 mg
Oat Bran	70 mg
Vitamin C	20 mg
Vitamin E	3 mg
Yeast Rich in Selenium	16 mg

RDA (per capsule)

Calcium Gluconate 23%, Magnesium Gluconate 24%,
Vitamin C 33%, Vitamin E 30%, Selenium 29%.

NUTRITIONAL INFORMATION AND ENERGY VALUES (per 100 g)

Energy values	335 Kcal (1,423 KJ)
Proteins	9.3 g
Carbohydrates	69.4 g
Fats	2.3 g

POSOLOGY / ADMINISTRATION

Take one capsule three times a day after the main meals.

KALSIS®



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