

OLIFERIN[®]

JOINT FLEX TRIVA



MOST NUMBER OF OLIVE HEALTH SUPPLEMENT PRODUCTS 2020



ARTHRITIS RELIEF

Promote joint comfort

as early as **7** days*!



MAL16110009TC

*This is a traditional product advertisement.

*Result in individuals may vary.

**Significant improvements ($P < 0.0001$) in pain score and functional ability were recorded as early as 7 days (Clinical trial Registration number: ISRCTN80793440).
Sengupta K et al (2010): Comparative Efficacy and Tolerability of 5-Loxin and Atlapin Against Osteoarthritis of the Knee: A double Blind, Randomized, Placebo Controlled Clinical Study. International Journal of Medical Sciences 7(6):366-377.

The information is intended as reference for professional use, strictly for internal circulation.

Arthritis is a common condition that causes pain, inflammation and stiffness in and around one or more of your joints. **Osteoarthritis**, also known as “wear and tear” arthritis is characterized by progressive degeneration of the cartilage of the joints, occurring mainly in older people. It is also more likely to occur in people who are overweight or obese and in those with jobs that stress particular joints. The condition most frequently affects the joints of knees, hips, hands, lower back and neck.

A typical modern diet that is excessive in omega-6 fatty acids and deficient in omega-3 fatty acids leads to chronic inflammation in your body. Elevated production of arachidonic acid (AA) in the body, as a result of consumption of foods high in omega-6 fatty acids such as red meats, dairy products, eggs and refined oils has shifted the balance of fatty acid metabolism toward an increase in pro-inflammatory metabolite generation, via the LOX (5-lipoxygenase) and COX (cyclooxygenase) enzymatic pathways, causing inflammation, distorted joints and tissue destruction.

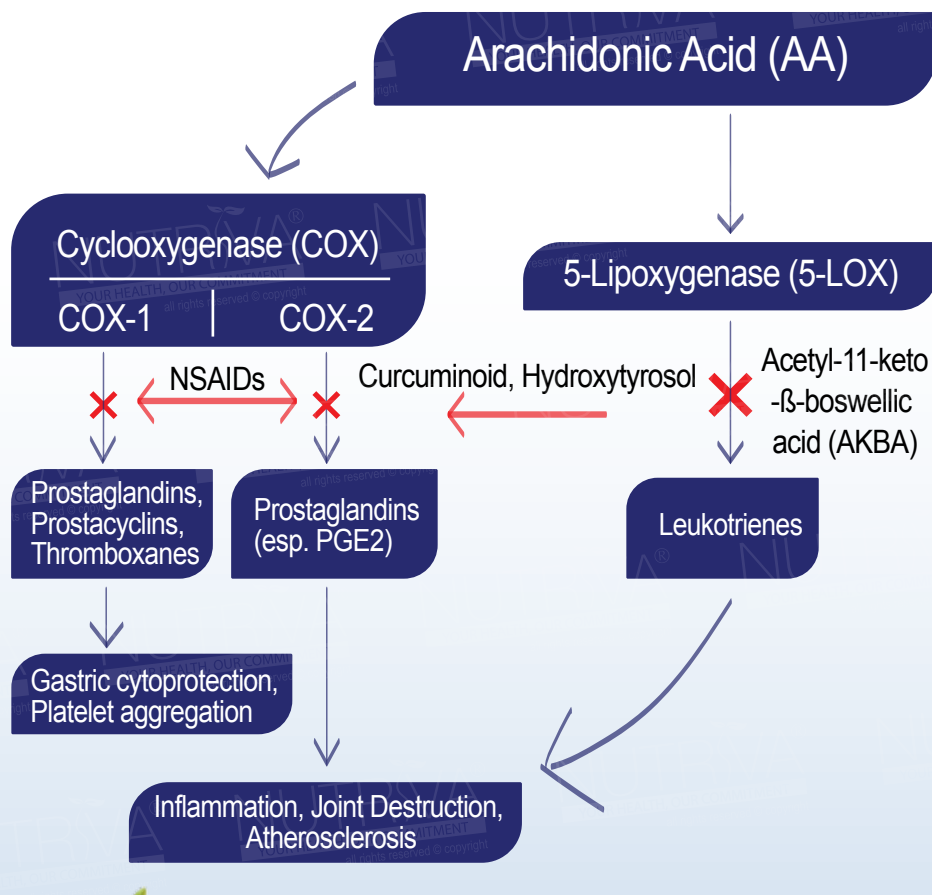
NSAIDs are frequently used to inhibit the COX route to relieve the joint pain. However, it induces gastric side effects as COX-1 is responsible for maintenance and protection of the gastrointestinal tract. There are new generation NSAIDs that selectively block only the COX-2 pathway but still allow the production of leukotrienes through the 5-LOX inflammation pathway, which cause devastating effects on joints, arterial walls and other tissues.



OLIFERIN® JOINT FLEX TRIVA

contains olive phytonutrients, especially hydroxytyrosol, AKBA (boswellia serrata extract), curcuminoids (turmeric extract) and nutrient enhancer Bioperine® black pepper extract to offer fast and natural pain relief and support joint and muscular health.





Natural COX-2 and 5-LOX inhibitors help in alleviating joint pain



Boswellia Serrata – The Ancient Herb For Joints

Boswellia serrata is a tree producing a highly scented sap that has been prized for its healing properties since ancient times. It preserves healthy muscle & joint mobility, supports normal inflammation processes and helps maintain healthy connective tissues. Of the active compounds in the Boswellia extract, **Acetyl-11-keto-β-boswellic acid (AKBA)** has been identified as the most powerful, demonstrating pronounced inhibitory against **5-LOX**.

AprèsFlex Fast Acting 5-LOX inhibitor

AprèsFlex® is a clinically tested gum resin extract of boswellia serrata enriched with at least 20% AKBA and its non-volatile oil. Clinical data showed that compared to AKBA alone, the synergism with the non-volatile oil promotes faster absorption, quick and long lasting therapeutic benefits, making it a potent anti-inflammatory agent. Moreover, this novel Boswellia extract significantly inhibits matrix metalloproteinase (MMP-3), enzymes that break down cartilage, collagen and connective tissues.

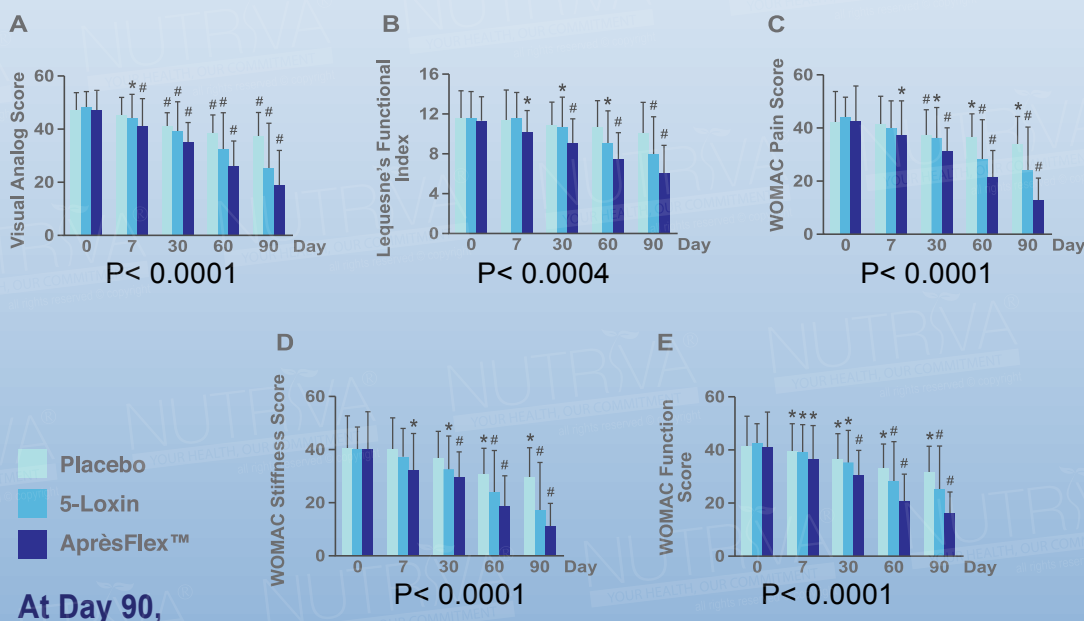
Relieve Joint Pain As Early As 7 days

Clinical Study*

A 90-day, double blind, randomized, placebo-controlled study was conducted to evaluate the efficacy and tolerability of **AprèsFlex®** in the treatment of Osteoarthritis (OA) of the knee. Sixty(60) OA subjects were enrolled in the study and each patient was evaluated for pain and physical functions. The observations suggested that 100mg **AprèsFlex®** (2 capsules of **OLIFERIN® JOINT FLEX TRIVA**) conferred clinically and statistically improvements ($P < 0.0001$) in pain score and physical function scores in OA subjects within 7 days.



HUMAN CLINICAL TRIAL



➔ Reduction in Pain
47.3% (VAS)

A

➔ Improvement in Joint Function
35.8% (LFI)

B

➔ Pain Reduction
61.7% (WOMAC)

C

➔ Stiffness Reduction
60.1% (WOMAC)

D

➔ Physical Function Improvement
49.4% (WOMAC)

E

The rhizome of turmeric (*Curcuma longa* L.) has a rich history in India as a spice, food preservative and coloring agent and has been used for centuries in the Ayurvedic system of medicine.



Turmeric extract derived **curcuminoids** (the main compound curcumin, demethoxycurcumin and bisdemethoxycurcumin) offer **antioxidant** and **anti-inflammatory** support, promote healthy immune function, and potentially prevent connective tissue break down through inhibiting destructive enzymes, with benefits in healthy aging.

(Aggarwal B. et al.(2006). Turmeric: The Genus *Curcuma*. pp 297-368).

A randomized, double blind, active controlled, monocentric & comparative clinical study:

Osteoarthritis of knee patients, mild to moderate in severity, who received Curcumin + AKBA complex 250 mg and Glucosamine 1500 mg + Chondroitin 1200 mg for a period of 90 days, reported statistically significant change/decrease in their clinical symptoms like pain, stiffness and physical function towards end of the study. However, Curcumin + AKBA complex 250 mg was found to be more efficacious compared to Glucosamine 1500 mg + Chondroitin 1200 mg.

Bioperine® is a standardized extract from the fruits of *Piper nigrum* L. (black pepper) and contains a minimum piperine content of 95% compared to the 3-9% found in raw form. It is said that when piperine is ingested, it has a localized thermogenic effect on epithelial cells which **increase the uptake of nutrients**.



OLIFERIN[®]

JOINT FLEX TRIVA

- ✔ Reduce pain, stiffness & inflammation
- ✔ Improve joint mobility & flexibility
- ✔ Protect joints from progressive cartilage degradation
- ✔ A natural 5-lipoxygenase (5-LOX) inhibitor
- ✔ Suitable for vegetarian
- ✔ Safe for long term supplementation

STRENGTH PER CAPSULE:

Fructus Olea Europaea Extract	50mg
Resina Boswellia Serrata Extract	50mg
Fructus Piper Nigrum Extract	2mg
Rhizoma Curcuma Longa Extract	100mg

INDICATION:

Traditionally Used For Relief of Joint and Muscular Pain.

DOSAGE:

Adult takes 2 capsules each time, once daily after meal.

A Quality Product Of:

NUTRIVA[®]
YOUR HEALTH, OUR COMMITMENT

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