

TamaFlex®

**Joint Relief in 5 days.
Promotes Function
and Activity.**

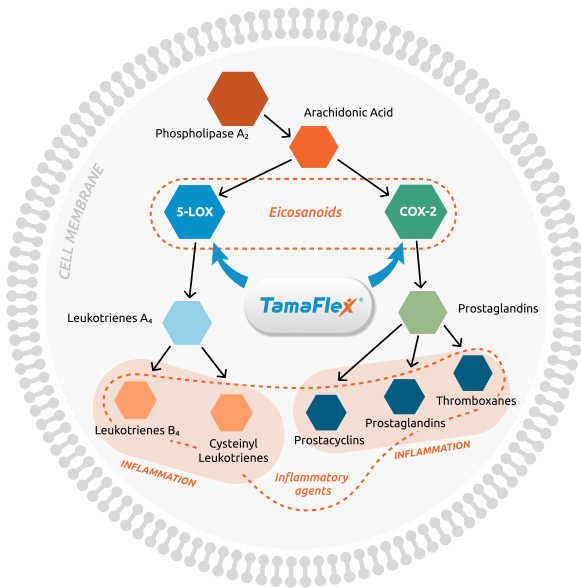
What is TamaFlex®?

TamaFlex provides joint comfort in just 5 days and promotes the integrity of the joint structure, allowing users to embrace life's activities.

TamaFlex is the world's first *Tamarindus indica* seed extract which is combined with our proprietary full-spectrum Turmeric root extract together shown to provide powerful joint health benefits.

How does TamaFlex® work?

- Helps balance healthy inflammation levels by modulating COX-2 and 5-LOX activity, and providing potent antioxidant benefits. This supports healthier levels of modulators including TNFα, hsCRP and IL-6.
- Helps inhibit the formation of both prostaglandins and leukotrienes = synergistic efficacy. Supports cartilage and joint structure by reducing uCTX-II levels by inhibiting matrix metalloproteinases (MMP-3 and MMP-13) and protecting key cartilage matrix proteins (collagen, proteoglycans, fibronectin, laminin, elastin).



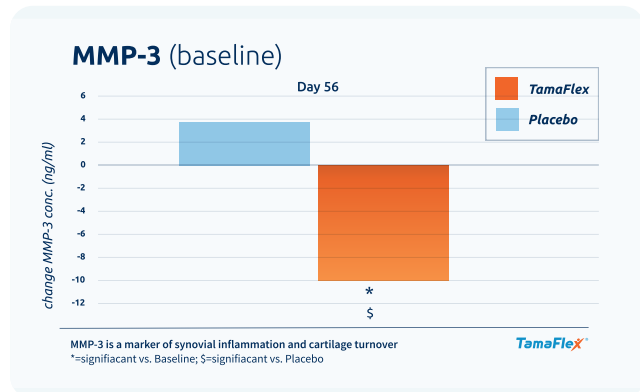
TamaFlex acts directly on COX/LOX pathway in synovial cells.



Three human studies show significant improvements in joint comfort, function and flexibility,¹ as well as increased aerobic activity with walking distance, speed, stair-climbing, and lower body strength.² Additionally, TamaFlex helps protect against cartilage and synovial degradation – offering Next-Gen innovation for the joint-care arena.

Target Audience

TamaFlex is for anyone experiencing joint discomfort, for athletes involved in any sport, for consumers who prioritize healthy joint function, and for aging but active adults. TamaFlex is right for brands in search of innovation in the joint category and individuals seeking plant-based alternatives.¹



TamaFlex supports cartilage and synovial fluid.

TamaFlex® Provides Proven Relief in 5 days, Promoting Function and Activity

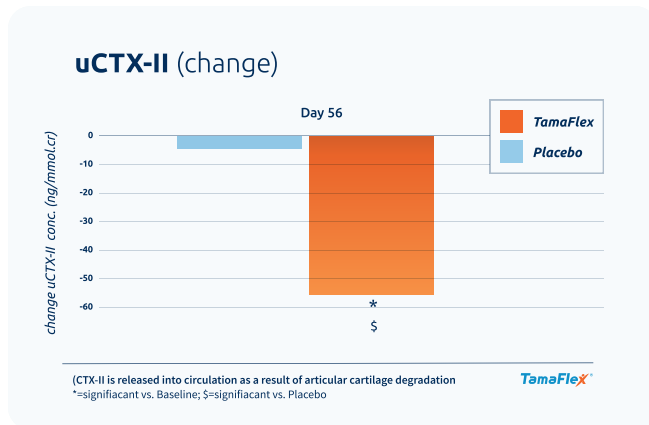
The benefits of TamaFlex have been repeatedly demonstrated in large, peer-reviewed, double-blind placebo controlled (DBPC) clinical trials as well as in open label human studies, preclinical studies, and safety studies. By delivering safe, fast-acting, long-lasting relief, TamaFlex offers proven innovation for the joint care market, superior to the leading Boswellian and Curcumin products currently available.



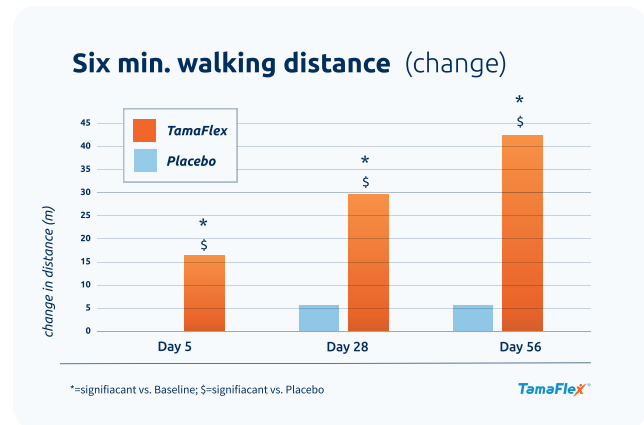
**Superior to Placebo
and Active Comparator!**

In TamaFlex’s most recently published study,³ 250mg of TamaFlex was compared with 1000mg of high-quality comparator blend of Turmeric and Boswellia extracts providing high concentrations of curcuminoids and boswellic acids.

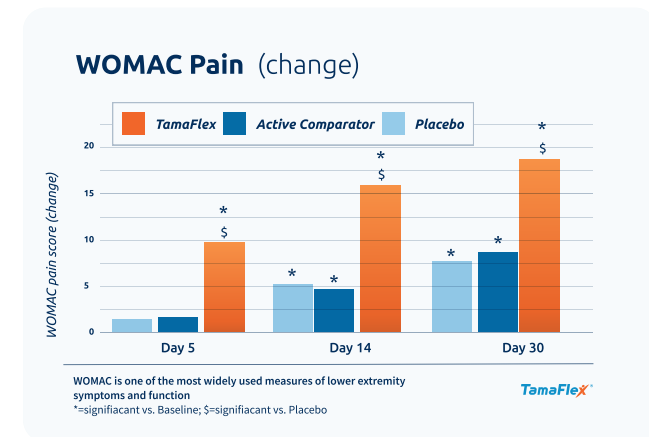
In just five days, 250mg of TamaFlex showed proven relief clearly superior to the comparator, and by the end of the study, 250mg of TamaFlex showed greater benefits compared to 1000mg of the quality comparator in each of the assessed categories, from verified assessments, to physical tests, to biomarker analysis.



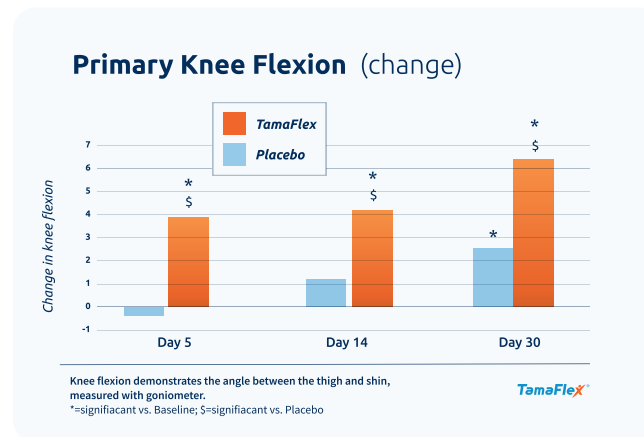
Urinary CTX-II (uCTX-II) immunoassay is considered as one of the best-validated biomarkers for cartilage degradation in joint health assessment. TamaFlex subjects with mild OA had a **significant reduction**¹ in uCTX-II compared to baseline.



Walking – The six-minute walk test (SMWT) is a walk test performed on a 25-meter flat surface corridor, recommended by the American College of Rheumatology (ACR) to evaluate the musculoskeletal function of knee OA. TamaFlex subjects experienced a **significant improvement**² in Distance & Time compared to those given a placebo.



WOMAC Pain: TamaFlex subjects experienced a **significant improvement in pain after 5 days**³ with just 250mg of TamaFlex daily compared to those given a placebo or 1000mg of the Active Comparator.



Primary Knee Flexion – Knee Flexion demonstrates the angle between the thigh and shin, measured with a goniometer. TamaFlex subjects experienced a **significant improvement in 5 days**³ primary knee flexion.

References

- ¹ Rao PS, Ramanjaneyulu YS, Prisk VR, Schurgers LJ. A Combination of Tamarindus indica seeds and Curcuma longa Rhizome extracts improves knee joint function and alleviates pain in non-arthritic adults following physical activity. International Journal of Medical Science 2019 Jun 2; 16(6):845-853. doi: 10.7150/ijms.32505. PMID: 31337958; PMCID: PMC6643110.
- ² Kare SK, Vinay V, Maresz K, Prisk V, Vik H. Tamarindus indica seed extract-based botanical compositions alleviate knee pain and improve joint function in mild-to-moderate osteoarthritis: a randomized, doubleblind, placebo-controlled clinical study. Evid Based Complement Alternat Med. 2022 Jan 19; 2022:2226139. doi: 10.1155/2022/2226139. PMID: 35096104; PMCID: PMC8791717.
- ³ Vinay V., and Srivastava A. Efficacy of a Proprietary Combination of Tamarindus indica Seeds and Curcuma longa Rhizome Extracts in Osteoarthritis: A Clinical Investigation. Food & Nutrition Research, vol. 67, 2023 June 20, doi: 10.29219/fnr.v67.9268.

These statements have not been evaluated by the FDA. Products are not intended to diagnose, treat, cure, or prevent any disease.



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