



## ArthroGenx Cream

Number of treatments: approximately 1 month supply

**INGREDIENTS:** Water, butylene glycol, isododecane, balsam copaiba resin (*Copaifera officinalis*), dimethicone, emu oil, stearic acid, white willow bark extract (*Salix alba*), sodium hyaluronate, mukul myrrh tree resin extract (*Commiphora mukul*), boswellia serrata gum extract (*Boswellia serrata*), MSM (methyl sulfonyl methane), Cassia bark (*Cinnamomum aromaticum*), cetyl myristoleate, *Angelica pubescens* root, turmeric root extract (*Curcuma longa*), camphor wood oil (*Cinnamomum camphora*), Ginger root oil (*Zingiber officinalis*), retinyl palmitate, glyceryl stearate, PEG-100 stearate, cetearyl olivate, sorbitan olivate, dimethicone PEG-7 cocoate, triethanolamine, tetrasodium EDTA, phenoxyethanol, caprylyl glycol, sorbic acid, acrylates/C10-30 alkyl acrylate crosspolymer, polysilicone 11, vanillyl butyl ether.

**SUGGESTED DOSE:** Apply a small amount to area of discomfort one to two times daily or as directed by your healthcare professional.

## REFERENCES:

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3. Reichling J, Schmokel H, Fitz J, Bucher S, Saller R. Dietary support with Boswellia resin in canine inflammatory joint and spinal disease. *Schweiz Arch Tierheilkd*, 2004 Feb; 146(2):71-9
4. Kulkarni RR, Patki PS, Jog VP, Gandage SG, Patwardham B. Treatment of osteoarthritis with a herbomineral formulation: a double-blind, placebo-controlled, cross over study. *J Ethnopharmacol.* 1991 May-Jun;33(1-2):91-5
5. Diehl HW, May EL. Cetyl myristoleate isolated from Swiss albino mice: an apparent protective agent against adjuvant arthritis in rats. *J Pharm Sci* 1994;83:296-9.
6. Diehl HW. Method for the treatment of osteoarthritis. *U.S. Patent #5,569,676.*
7. Diehl HW. Method of treating rheumatoid arthritis. *U.S. Patent #4,113,881.*
8. Diehl HW. Cetyl myristoleate. *U.S. Patent #4,049,824.*

# ARTHROGENX CREAM

COMBINES BOTANICALS, NATURAL OILS, AND CONNECTIVE TISSUE REPAIR COMPOUNDS FOR HEALTHY JOINT SUPPORT

- Essential fatty acids from Emu oil for anti-inflammatory benefit
- Extracts of willow bark, myrrh, boswellia, turmeric, angelica, cinnamon, ginger, and camphora for broad-spectrum anti-inflammatory action and pain relief
- Supports reduction of inflammatory leukotrienes, prostaglandins, and cytokines, including TNF alpha, COX 2, and the inflammatory components of the LOX family of mediators
- Cetyl myristoleate for joint lubrication and T-cell immune balance
- MSM for anti-inflammatory action and structural repair support
- Hyaluronic acid for connective tissue healing support

**ARTHROGENX CREAM (TOPICAL)** is designed for your patients with musculoskeletal pain and discomfort. It can be used alone or in conjunction with oral products such as: ArthroGenx capsules, Pain X, EPA/DHA, etc. This product is formulated with long-term results in mind. It will give an immediate sense of warmth and help ease pain, but unlike most topical products, it doesn't stop with just analgesic benefits. ArthroGenx cream has key nutrients that assist in reducing inflammatory mediators, feeding cell membranes with essential fatty acids, and supporting connective tissue repair. In addition, the active ingredients in ArthroGenx cream promote proper joint lubrication for comfortable range of motion and flexibility. The unique blend of ingredients provided in ArthroGenx support both relief of painful symptoms and joint repair for an all encompassing approach to joint health.

After an injury, initially use RICE (Rest, Ice, Compress and Elevate). ArthroGenx cream is excellent during this stage of treatment. After the initial swelling dissipates continue to use ArthroGenx cream and consider discontinuing the ice treatment and moving toward gentle heat. Low-level heat will enhance circulation to the injured area and promote a more rapid resolution of the symptoms. High heat is not recommended as it could cause further injury to already damaged cells. Orally, BioGenesis PainX is also excellent to work systemically to resolve inflammation and promote a more rapid response to treatment.

### REFERENCES:

9. Siemandi H. The effect of cis-9-cetyl myristoleate (CMO) and adjunctive therapy on arthritis and auto-immune disease: a randomized trial. *Townsend Letter for Doctors and Patients* 1997;(Aug/Sept):58-63
10. Srivastava KC and Mustafa T. Ginger (Zingiber officinale) in rheumatism and musculoskeletal disorders. *Med Hypothesis* 39:342-8, 1992.
11. Keratosum V, Unver B, Orzden A. OzayZ, Gunal J. Intra-articular hyaluronic acid compared to exercise therapy in osteoarthritis of the ankle. A prospective randomized trial with long-term follow-up. *Clin Exp Rheumatol.* 2008 Mar-Apr; 26(2):288-94
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15. Schmid B, Ludtke R, Selbmann HK et al. Efficacy and tolerability of a standardized willow bark extract in patients with osteoarthritis: randomized placebo-controlled, double blind clinical trial. *Phytother Res.* 2001 Jun;15(4):344-50
16. Chrubasik S, Eisenberg E, Balan E, et al. Treatment of low back pain exacerbations with willow bark extract: a randomized double-blind study. *Am J Med.* 2000;109:9-14.
17. Meier B, Sticher O, Julkunen-Tiitto R. Pharmaceutical aspects of the use of willows in herbal remedies. *Planta Med.* 1988;54:559-560.
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### COMPLEMENTARY BIOGENESIS PRODUCTS:

- ArthroGenx capsules
- PainX
- BioInflammatory Plus *functional food and capsules*
- EPA/DHA gel caps

ArthroGenx Cream	CONTAINS	BrandX (Popular Products)
YES	warming effect	MINIMAL (Camphor)
YES	essential fatty acids	NO
YES	anti-inflammatory botanicals	MINIMAL (Lex extract)
YES	joint lubricants	NO
YES	connective tissue healing support	NO
YES	treatment aimed at long term resolution	NO
NO	cooling effect	YES (Predominant ingredient: menthol)

\*These statements have not been evaluated by the Food and Drug Administration. This product is not intended to diagnose, treat, cure, or prevent any disease.