

Reduce inflammation
with a clinically tested,
natural approach!



UltraInflamX[®]360[°] &
PLUS

UltraInflamX[®] Medical Foods

Nutritional Support for the Management
of Inflammation & Pain Associated with
Inflammatory Bowel Disease (IBD)

UltraInflamX[®]360[°]
PLUS

Multi-mechanistic support with key nutrients and selective kinase response modulators (SKRMs[†]) to positively impact the function of kinase enzymes involved with the inflammatory process.

- ▶ Inhibits the activities of a wide variety of enzymes, cytokines, eicosanoids, and reactive species implicated in inflammation and pain
- ▶ Supports and calms gastrointestinal (GI) lymphoid tissues
- ▶ High ORAC value helps to combat oxidative stress

UltraInflamX[®]

Nutritional support with specific nutrients that help to address underlying inflammation in the GI tract.

- ▶ Promotes healthy eicosanoid metabolism and inhibits a wide variety of compounds implicated in pain and inflammation
- ▶ Supports cellular energy in intestinal mucosa tissue
- ▶ Long history of successful clinical use

Science-based medical foods specifically formulated to reduce inflammation and promote healing.

[†]Patent Pending

 **Metagenics**[®]
Genetic Potential Through Nutrition

Positively impact the inflammatory process with clinically successful medical foods

RESULTS OF IN VITRO AND CASE STUDIES

Case Study*: Ulcerative Colitis

A 52-year-old Caucasian female presented with a diagnosis of ulcerative colitis. Her main complaints were 3 to 4 liquid or ill-formed bowel movements per day, which included explosive-type gas and occasional blood. The subject's sedimentation rate[†] was assessed initially, and again at 4 weeks. Her MSQ^{††} score was assessed initially, again at 4 weeks, and once more at 12 weeks.

Figure 1

After just 4 weeks on the UltraInflamX Program, the patient's sedimentation rate decreased from 30 to 20 mm/h (reference range is 0-30). This result suggests a decrease in overall inflammation.

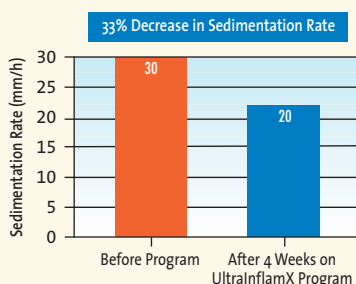
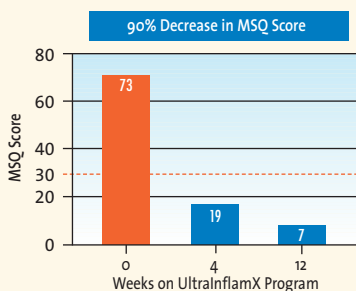


Figure 2

The patient had a substantial decrease in her MSQ score after 12 weeks on the UltraInflamX Program. (A score of <30 is associated with few or low-intensity symptoms.)



* The information provided in this Case Study describes the results of one patient under the care of a licensed healthcare practitioner and may not be a typical response.

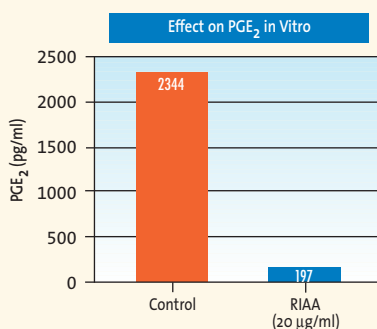
† A blood test that detects and monitors inflammation in the body. It measures the rate at which red blood cells (RBCs) in a test tube separate from blood serum over time, becoming sediment in the bottom of the test tube. The sedimentation rate increases with more inflammation.

†† The Medical Symptoms Questionnaire® (MSQ) is a clinical tool for the evaluation of general physical symptoms. Total scores above 75 are generally associated with substantial symptomatology and disability; scores below 30 generally indicate few or low intensity symptoms.

In Vitro Study: Inflammatory Marker

Figure 3

Reduced iso-alpha acids (RIAA)—a key ingredient in UltraInflamX Plus 360°—shown to modulate PGE₂ activity.



WHAT SETS ULTRAINFLAMX & ULTRAINFLAMX PLUS 360° APART?

- **NEW breakthrough formulation.** UltraInflamX Plus 360° offers the same powerful ingredients as UltraInflamX with the addition of SKRMs in the form of RIAA to favorably impact kinases involved in inflammatory processes.
- **Clinically tested.** In clinical and case studies, the UltraInflamX Program was shown to significantly reduce symptoms related to inflammation.
- **Extensive history of clinical use.** Not only has UltraInflamX been researched at Metagenics Functional Medicine Research CenterSM, but it has also been used by thousands of patients in healthcare practices spanning the globe.
- **Key anti-inflammatory phytonutrients.** Scientifically evaluated SKRMs in the form of RIAA modulate kinase activity associated with inflammatory processes. **Ginger and rosemary** support healthy eicosanoid and cytokine metabolism, while **turmeric** extract inhibits activities of a wide variety of enzymes, cytokines, eicosanoids, and reactive species implicated in pain and inflammation.
- **Potent antioxidant nutrients.** Nutritional blend of mixed carotenoids, zinc, manganese, selenium, and vitamins A, C, and E to reduce free radical generation, which can perpetuate inflammation.
- **Low-allergenic-potential rice protein.** UltraInflamX and UltraInflamX Plus 360° provide rice protein concentrate derived from a patented process, with a lower allergy potential than normal rice. Fortified with the amino acids threonine and lysine, UltraInflamX provides a complete, easily digested source of protein.

Choose UltraInflamX Plus 360° for multi-mechanistic patient support.

Choose UltraInflamX for the management of inflammation in the GI tract.



THE ULTRAINFLAMX/ ULTRAINFLAMX PLUS 360° PROGRAM

The UltraInflamX/UltraInflamX Plus 360° Program includes three phases designed to nutritionally support the management of specific inflammatory conditions. You may choose to tailor the suggested phase lengths in order to meet your patients' needs.

- **Phase 1** (Days 1-7): During Phase 1 patients eliminate potentially allergenic foods while slowly increasing their intake of UltraInflamX/UltraInflamX Plus 360°.
- **Phase 2** (Days 8-25): During Phase 2 patients follow the recommended dietary program along with two servings of UltraInflamX/UltraInflamX Plus 360° daily.
- **Phase 3** (Days 26 and beyond): During Phase 3 patients consult with their healthcare practitioner and decide how to continue the program.

ULTRAINFLAMX/ULTRAINFLAMX PLUS 360°

Patients mix two scoops of UltraInflamX/UltraInflamX Plus 360° with 8-10 ounces of water, blend, and drink slowly. (Patients may use diluted fruit or vegetable juices for added flavor.)

This nutrient-rich powder makes an excellent breakfast beverage, a simple morning or afternoon snack, or a satisfying bedtime snack! Also convenient for patients who are traveling or on the go.

SUPPORTIVE MATERIALS

- **Quick-Start Guide.** Simple guide for those who want to get started immediately.
- **Table tent.** Designed to increase patient awareness about natural options.
- **Patient card.** Brief overview of UltraInflamX that invites patients to ask for health recommendations.



For More Information on Inflammation Management, visit www.metagenics.com/ultrainflamx

Great Flavors for Excellent Patient Compliance

UltraInflamX

- Pineapple Banana
- Original Spice
- Tropical Mango
- Chocolate/Orange

UltraInflamX Plus 360°

- Tropical Mango
- Original Spice
- Pineapple Banana



NOTE: UltraInflamX Plus 360° is not recommended for individuals taking anticoagulant medications. UltraInflamX may be an excellent alternative for these patients.



Multi-Mechanistic Patient Support

Nutrition Information per Serving (Original Spice)

Serving Size:	2 Scoops (52 g)
Servings Per Container:	14
Calories	200
Fat	6 g
Saturated Fat ¹	2.5 g
Trans Fat	0 g
Cholesterol	0 mg
Sodium	40 mg
Potassium	450 mg
Carbohydrate	25 g
Dietary Fiber	4 g
Protein	15 g

Each Serving Contains	% RDI
Vitamin A (as retinyl palmitate)	2500 IU 50
Vitamin A (as beta-carotene)	2500 IU 50
Vitamin C (as ascorbic acid)	180 mg 300
Calcium (as calcium citrate)	300 mg 30
Iron	2 mg 10
Vitamin D (as cholecalciferol)	45 IU 10
Vitamin E (as d-alpha tocopheryl acetate)	100 IU 330
Thiamin (as thiamin HCl)	2 mg 130
Riboflavin	2 mg 120
Niacin (as niacin and niacinamide)	35 mg 175
Vitamin B ₆ (as pyridoxine HCl)	5 mg 250
Folic Acid	80 mcg 20
Vitamin B ₁₂ (as cyanocobalamin)	3 mcg 50
Biotin	150 mcg 50
Pantothenic Acid (as D-calcium pantothenate)	5 mg 50
Phosphorous (as dipotassium phosphate and dicalcium phosphate)	400 mg 40
Magnesium (as magnesium citrate, sulfate)	330 mg 80
Zinc (as zinc gluconate)	13 mg 90
Copper (as copper gluconate)	1 mg 50
Manganese	3 mg 150
Chromium (as ChromeMate® GTF ^{II})	60 mcg 50
L-Glutamine	750 mg **
L-Threonine	34 mg **
L-Lysine (as L-lysine HCl)	770 mg **
Turmeric Rhizome Extract (<i>Curcuma longa</i>) [standardized to 95% (200 mg) curcuminoids]	210 mg **
Rosemary Leaf Extract (<i>Rosmarinus officinalis</i>) (containing phenolic diterpenes)	100 mg **
D-Limonene	100 mg **
Ginger Root Extract (<i>Zingiber officinale</i>) [standardized to 5% (5 mg) total pungent compounds]	100 mg **
Magnesium Sulfate	50 mg **

Other Ingredients: Rice protein^{III} concentrate, rice bran, rice syrup solids, fructose, medium chain triglycerides, olive oil, natural flavors, silica, magnesium salts of reduced iso-alpha acids (from hops, *Humulus lupulus L.*), hydrogenated soybean oil encapsulate, xanthan, carrageenan, and cellulose gum.

Directions: Blend, shake, or briskly stir two level scoops into eight ounces of chilled water, juice, or acceptable fruit as listed in the dietary guidelines (Quick Start Guide).

Form: 25.7 (728 g) Powder Container

U.S. Patent Nos. 6,210,701; 6,352,712

¹Saturated fat contributed by the beneficial fat medium chain triglycerides which have recognized health benefits.

^{II}ChromeMate® GTF is a registered trademark of InterHealth, Inc.

^{III}Production of the rice protein is covered by U.S. Patent #4,876,096.

**Daily value not established

Patent Pending



Management of Inflammation in the GI Tract

Nutrition Information per Serving (Original Spice)

Serving Size:	2 Scoops (52 g)
Servings Per Container:	14
Calories	200
Fat	6 g
Saturated Fat ¹	2.5 g
Trans Fat	0 g
Cholesterol	0 mg
Sodium	100 mg
Potassium	430 mg
Carbohydrate	25 g
Dietary Fiber	4 g
Protein	15 g

Each Serving Contains	% RDI
Vitamin A (as retinyl palmitate)	2500 IU 50
Vitamin A (as beta-carotene)	2500 IU 50
Vitamin C (as ascorbic acid)	180 mg 300
Calcium (as calcium citrate)	300 mg 30
Iron	1.4 mg 8
Vitamin D (as cholecalciferol)	45 IU 10
Vitamin E (as d-alpha tocopheryl acetate)	100 IU 330
Thiamin (as thiamin HCl)	2 mg 130
Riboflavin	2 mg 120
Niacin (as niacin and niacinamide)	35 mg 175
Vitamin B ₆ (as pyridoxine HCl)	5 mg 250
Folic Acid	80 mcg 20
Vitamin B ₁₂ (as cyanocobalamin)	3 mcg 50
Biotin	150 mcg 50
Pantothenic Acid (as D-calcium pantothenate)	5 mg 50
Phosphorous (as dipotassium phosphate and dicalcium phosphate)	430 mg 45
Magnesium (as magnesium citrate, sulfate)	280 mg 70
Zinc (as zinc gluconate)	13 mg 90
Copper (as copper gluconate)	1 mg 50
Manganese	3 mg 150
Chromium (as ChromeMate® GTF ^{II})	60 mcg 50
L-Glutamine	750 mg **
L-Threonine	34 mg **
L-Lysine	770 mg **
Turmeric Rhizome Extract (<i>Curcuma longa</i>) [standardized to 95% (300 mg) curcuminoids]	316 mg **
Rosemary Leaf Extract (<i>Rosmarinus officinalis</i>) (containing phenolic diterpenes)	200 mg **
D-Limonene	100 mg **
Ginger Root Extract (<i>Zingiber officinale</i>) [standardized to 5% (5 mg) total pungent compounds]	100 mg **
Magnesium Sulfate	50 mg **

Other Ingredients: Rice protein^{III} concentrate, rice bran, rice syrup solids, fructose, natural flavors, medium chain triglycerides, olive oil, silica, xanthan, carrageenan, and cellulose gum.

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UltraInflamX Plus 360° and UltraInflamX® medical foods are researched, developed, and manufactured by Metagenics, Inc.



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