

# Nutritional Support

## for the Management of Minor Pain\*



### Achieving balance for lasting relief\*

Recent advances in nutritional science have led to the development of highly effective approaches to minor pain relief. The objective of these nutrition-based strategies is to achieve long-lasting relief by addressing imbalances such as essential fatty acid deficiencies and the over-production of enzymes associated with minor pain, as well as underlying issues associated with balanced immune activity.\*

### Your guide to specialized support\*

In this clinical guide, you'll find product descriptions, recommendations, and a quick reference tool explaining how to address:\*

- Joint discomfort
- Joint range of motion
- Immune system balance issues
- Soft tissue health

### Metagenics' Commitment to clinical excellence

Metagenics is dedicated to providing science-based, premium quality nutraceuticals and medical foods that represent the forefront of natural health science. This commitment is reflected in our use of cutting-edge genetic, cellular, and clinical testing procedures and NPA, NSF, and TGA GMP-certified facilities for production of high quality formulations.

Safety

Research

Efficacy

# Managing minor pain with targeted nutritional support♦

## Chronic Inflammation

### UltraInflamX® Plus 360° Medical food

#### A multidimensional approach



UltraInflamX Plus 360° is a medical food formulated to provide specialized nutritional support—including reduced iso-alpha acids (RIAA, from hops) and readily digestible rice protein fortified with amino acids—for patients with inflammatory bowel disease (IBD) such as Crohn's disease or ulcerative colitis.

#### Patient benefits:

- Features selective kinase response modulators (SKRMs), which have been shown to beneficially influence the function of kinases involved in inflammatory processes
- RIAA has demonstrated potent antioxidant activity and research suggests that it may help improve overall redox status through influencing inflammation signaling molecules such as NF-κB, COX-2, and PGE2
- Supplies ginger and rosemary, which may help support healthy eicosanoid and cytokine metabolism
- Provides turmeric extract, which has been shown in research to inhibit the activities of a wide variety of enzymes, cytokines, eicosanoids, and reactive species implicated in pain and inflammation

UltraInflamX Plus 360° is available in three flavors:

- Original Spice
- Tropical Mango
- Pineapple Banana

#### Recommended uses:

- Inflammatory bowel conditions such as Crohn's disease and ulcerative colitis

For more information about  
UltraInflamX visit us online at  
[www.metagenics.com/UltraInflamX](http://www.metagenics.com/UltraInflamX)

## Joint Health

### Kaprex®

#### Selective kinase response modulators (SKRMs) for worry- free joint relief♦



Kaprex provides a safer option for effective joint relief. This proprietary combination of selected plant components influences kinase signaling and the formation of certain substances, such as PGE2, that are associated with minor pain. Clinical testing suggests that Kaprex may offer a high degree of predicted cardiovascular, gastric, renal, and liver safety.♦

#### Patient benefits:

- Features patented† Tetrase™ (tetrahydro-iso-alpha acids, THIAA) from hops that provide a safer option for effective joint relief♦
- Modulates kinase signaling and the formation of certain substances associated with minor pain♦
- Provides rosemary extract and oleanolic acid—suggested by research to modulate eicosanoid pathways♦
- Clinical testing suggests a high level of predicted cardiovascular, gastric, renal, and liver safety♦

#### Recommended uses:

- Minor pain♦
- Benefits can be assessed after 10 days

**Each softgel supplies:** A proprietary blend of Tetrase™ (tetrahydro-iso-alpha acids, from hops) (*Humulus lupulus* L.), Oleanolic Acid (from olive leaf extract, *Olea europaea*), Rosemary Leaf Extract (*Rosmarinus officinalis*)

**Recommendations:** One softgel two times daily.

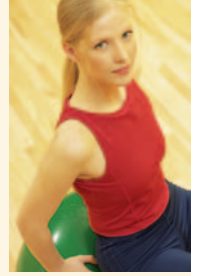
**Form:** 20 and 60 Softgel Bottles

†U.S. Patent nos. 7,195,785; 7,205,151

## Immune System Balance

### Kaprex® AI

#### SKRMs for balanced immune function♦



Kaprex AI is designed to support a balanced immune response by targeting kinase signaling, cytokine activity, and specific nutrient levels♦

#### Patient benefits:

- Addresses underlying issues associated with balanced immune activity—such as kinase signaling, cytokine balance, and specific nutrient levels♦
- Features patented† Tetrase™ (THIAA) to modulate selective kinase responses♦
- Provides vitamin D3—a bioactive form of vitamin D—to help maintain healthy immune system activity♦
- Replenishes healthy levels of selenium and zinc—minerals shown to modulate key immune pathways♦
- Developed via the ExpresSyn® Process, offering a safer approach than certain conventional products♦

#### Recommended use:

- Immune modulation support♦

**Each tablet supplies:** Tetrase™ (tetrahydro-iso-alpha acids complex, from hops) (*Humulus lupulus* L.) 265 mg, Vitamin D (as cholecalciferol) 500 IU, Zinc (as zinc citrate) 5 mg, Selenium (as selenomethionine) 50 mcg

**Recommendations:** One softgel two times daily.

**Form:** 60 Softgel Bottle

†U.S. Patent nos. 7,195,785; 7,205,151

## Soft Tissues

### Inflavonoid Intensive Care®

Natural relief for achy muscles\*



Inflavonoid Intensive Care provides a blend of standardized botanicals to provide relief from occasional minor pain and support for healthy connective tissue. This formula has two primary mechanisms of action:

- 1) Support of healthy, balanced eicosanoid synthesis\*
- 2) Support for healthy soft tissue functions\*

#### Patient benefits:

- Relief of minor pain following intense exercise\*
- High level of predicted GI safety\*
- Inhibition of synthesis of prostaglandins, thromboxanes, and leukotrienes that affect muscle, joint, and connective tissues\*
- Protection against free radical damage to soft tissues\*

#### Recommended use:

- Joint and muscle discomfort following exertion\*

**Two tablets supply:** Lemon Bioflavonoid Complex [Standardized to 50% (100 mg) full spectrum bioflavonoids] 200 mg, Quercetin 100 mg, Vitamin C (as ascorbic acid) 200 mg, Boswellia Gum Extract (*Boswellia serrata*) [Standardized to 70% (280 mg) boswellia acids] 400 mg, Turmeric Rhizome Extract (*Curcuma longa*) [Standardized to 95% (285 mg) curcuminoids] 300 mg, Ginger Rhizome Extract (*Zingiber officinale*) [Standardized to 5% (10 mg) gingerols] 200 mg, Cayenne Pepper Fruit (*Capsicum annuum*) 50 mg

**Recommendations:** Two tablets three times daily. May use one to two tablets every two hours as needed.

**Form:** 30 and 90 Tablet Bottles (Vegetarian)  
U.S. Patent Nos. 6,534,086; 6,949,260.

## Minor Pain Foundation

### EPA-DHA 6:1™ Enteric-Coated

High potency EPA for balanced eicosanoid production\*



EPA-DHA 6:1 provides 500 mg of purity-certified EPA per softgel.

Research supports the ability of EPA to affect the pain cascade at the level of gene expression. Omega-3 fatty acids also help to modulate mechanisms involved in eicosanoid production\*

#### Patient benefits:

- Promotes balanced eicosanoid production for minor pain support\*
- Provides excellent adjunct support for joint health without compromising GI health\*
- Supports healthy cardiovascular, nervous system, and immune function\*

#### Recommended uses:

- Occasional joint discomfort\*
- Occasional minor pain\*
- GI support\*
- Skin health\*

**Each softgel supplies:** Natural Marine Lipid Concentrate 1 g, EPA 500 mg. Other ingredients: Rosemary, Ascorbyl Palmitate, Natural Tocopherols, and Enteric Coating

**Recommendations:** One to two softgels one to three times daily with food.

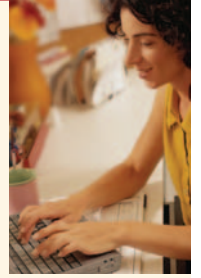
**Form:** 90 Softgel Bottle (Produced in Norway)

\*Contains between 25 and 100 mg of DHA (docosahexaenoic acid) for an average ratio of 6:1 EPA to DHA.

## Joint Range of Motion

### Alapars®

Nutrients to support healthy PARS formation\*



Alapars delivers niacinamide combined with N-acetylcysteine (NAC) in a formula designed to support healthy tissue by interrupting poly (ADP-ribose) synthetase (PARS), an enzyme involved in cellular integrity. Niacinamide also inhibits the production of certain cytokines—hormone-like peptides that are associated with minor pain.\*

#### Patient benefits:

- Helps to protect tissues and systems by inhibiting PARS, free radical generation, cytokines, and collagenase\*
- Supports joint, GI, neurological, and pancreatic tissue health by influencing PARS activity\*
- Supports healthy cellular energy (ATP) levels\*

#### Recommended uses:

- Joint range of motion\*
- Minor pain and associated fatigue\*
- Effective support with three tablets per day

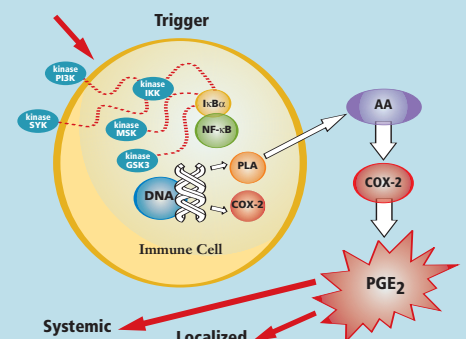
**Each tablet supplies:** Niacin (as niacinamide) 500 mg, N-acetylcysteine 200 mg, Vitamin C (as ascorbic acid) 100 mg

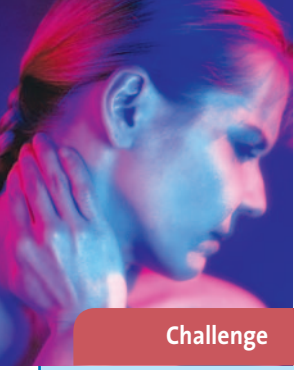
**Recommendations:** One tablet three times daily.

**Form:** 90 Tablet Bottle

## Scientific Breakthrough

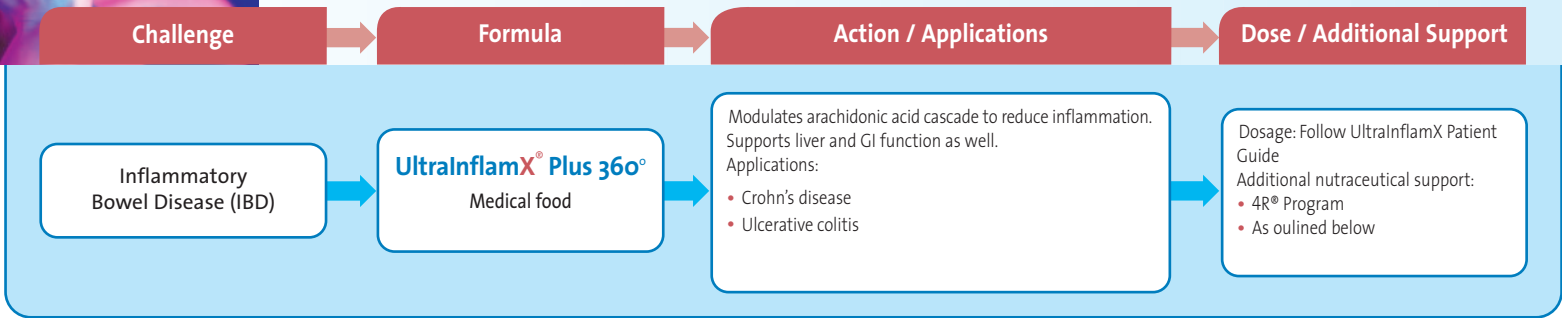
Groundbreaking research suggests that specific kinase responses help to determine health status.



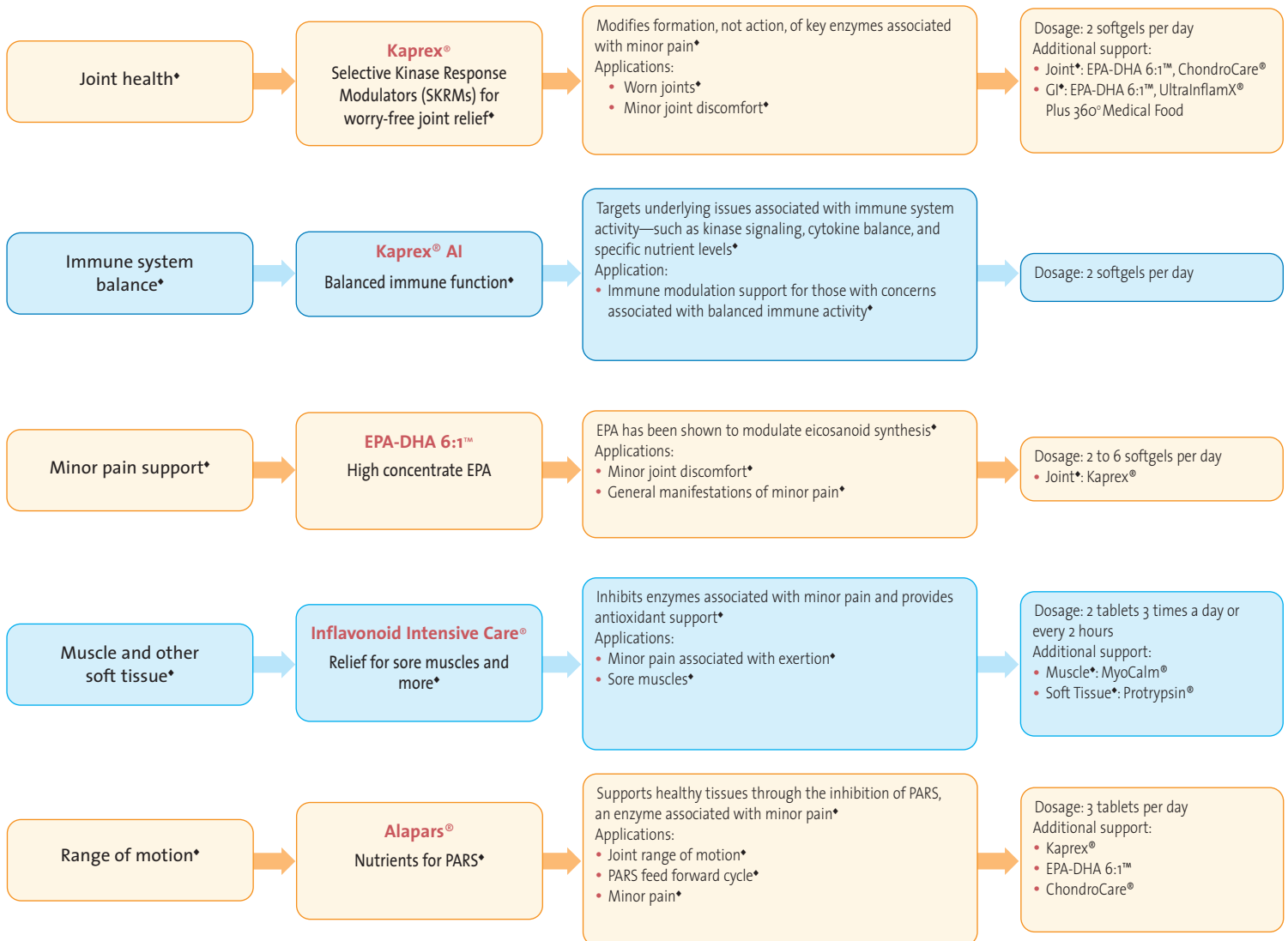


# Natural approaches to **minor pain relief** from Metagenics.

*Which should you choose for your patients?*



## Nutraceutical Support



For more resources visit us online at [www.metagenics.com/kaprex](http://www.metagenics.com/kaprex) or contact our Technical Support Department.

♦ These statements have not been evaluated by the Food and Drug Administration. These products are not intended to diagnose, treat, or prevent any disease.

