

# Proteo Plus



## DESCRIPTION:

Proteo Plus is a unique combination of nutrients that research has shown to provide nutritional support during the early stages of soft tissue and related joint connective tissue problems. Proteo Plus was formulated with bioavailability in mind. Bioavailability maximizes absorption and effectiveness by making the nutrients available where they are most readily absorbed.

## ACTIVES:

### Phase 1 (Gastric Phase):

*White Willow, Vitamin B6, Vitamin C, Bioflavonoids (Hesperidin, Rutin, Quercetin), Turmeric, Adrenal*

The nutrients in Phase 1 are released in the stomach for maximum absorption and availability.

**White Willow**- This substance is a long recognized anti-inflammatory and pain-relieving agent and is the precursor of salicylic acid. <sup>1,2</sup>

**Turmeric**- Researchers feel that Turmeric potentiates the action of cortisone by sensitizing cortisone receptor sites. <sup>5</sup>

**Bioflavonoids and Vitamin C**- Vitamin C and Bioflavonoids augment the effect of proteolytic enzymes and play an important role in collagen formation. Hesperidin and ascorbic acid significantly reduce capillary permeability and reduce edema. <sup>6</sup>

**Whole Adrenal**- The adrenal glands when stimulated aid in the regulation of body fluids, produce cortisol and aid the body during stressful times, such as injury.

### Phase 2 (Enteric Phase):

*Bromelain, Pancreatin (8X), Chymotrypsin NF, Trypsin*

In Phase 2 Proteolytic enzymes are easily destroyed by elements such as heat and acid, and for these reasons great care must be taken in their processing. The proteolytic enzymes in PROTEO PLUS are processed at low temperatures and are specially enteric-coated in order to maintain their integrity and activity level until they can be absorbed in the small intestine.

**Proteolytic Enzymes**- Various studies have shown the benefits of proteolytic enzymes on soft tissue injuries. Over 1500 subjects from various studies, primarily from football or soccer teams, with soft tissue injuries were studied. In every study favorable results were reported: 50-90% of the subjects showed marked improvements compared to 0-28% for controlled subjects. Animal research indicates that a combination of enzymes are more effective than equivalent activities of simple enzymes. In another study, proteolytic enzymes used in combination with vitamin C and bioflavonoids were found to reduce capillary permeability induced by histamine. This allows fluids to flow back from swollen tissue into the blood vessels reducing edema. <sup>3,4,5,6</sup>

60 tablets per bottle

Two tablets provide:

Vitamin C	300 mg
Vitamin B6	50 mg
White Willow (Bark)	300 mg
Bioflavonoids (Proprietary Blend Hesperidin, Rutin, Quercetin)	300 mg
Turmeric	300 mg
Adrenal	150 mg
Bromelain	200 mg
Pancreatin (8X)	75 mg
Chymotrypsin N.F.	200 mcg
Trypsin	100 mg

Other ingredients: Cellulose, Vegetable stearate and Silica.

## CLINICAL INDICATIONS:

- *Soft Tissue Injuries*
- *Inflammatory Phase of an injury*
- *Sinus Congestion*
- *Migraines*
- *Tension Headaches*
- *Peripheral Neuropathy*
- *Fibromyalgia*
- *Back Pain*
- *Reflex Sympathetic Dystrophy (RSD/CRPS)*

## SUGGESTED USAGE:

Take 2 tablets on an empty stomach 4 times daily while inflammation exists.

## CONTRAINDICATIONS:

Aspirin Sensitivity & Pregnancy

## DRUG INTERACTIONS: None Known

## REFERENCES:

1. Bradley and Cutting: Bull. Johns Hopkins Hosp. 87:186,1950.
2. Challem, Jack Joseph and Renate Lewin Challem, *The Herb Digest* Albuquerque (1980), 38.
3. Chichoke, A.J. and L. Marty, Amer. Chiro (1981) Sept/Oct, 32-3.
4. Ito, C., et al., Folia Pharmacol. Japan (1979) 75, 227-37.
5. Murray, Michael T., N.D. Encyclopedia of Natural Medicine.
6. Tarayare, J.P., Laouessergues, H., 1977. Advantages of a combination of proteolytic enzymes, Flavonoids and ascorbic acid in comparison with non-steroid anti-inflammatory agents. *Arzneim-Forsch/Drug Res.*, 27(1)