

## **Rehab Support Formula™**

### **Support for Normal Tissue Healing**

#### **DESCRIPTION**

Rehab Support Formula™, provided by Douglas Laboratories, is a synergistic and comprehensive combination of vitamins, minerals, enzymes, herbals, and other nutrients, carefully formulated and specifically designed to support optimal tissue healing that follows injury.

#### **FUNCTIONS**

Studies show that a high percentage of adults in North America and other developed countries eat less than the minimum daily allowance of 10 or more essential nutrients. Adequate amounts and proper balance of these nutrients are needed not only for maintaining good health, but also for the dietary management of the body's structure as well as the optimum functioning of its various processes, including healing. Rehab Support Formula™ has been carefully developed to contain the right proportions of vitamins, minerals, trace elements, and other nutrients without danger of toxic build-up or of side effects. Each ingredient is selected in consideration of its absorbability, competitive relationship with other nutrients, allergenic potential, and long-term safety. Certain nutrients such as beta-carotene, vitamin C, vitamin E and B-complex vitamins are included in high-potency amounts because of the vital roles they play in antioxidant protection, energy production and maintenance of healthy blood cells, nervous system, hormonal balance, and more. Minerals and trace elements are provided in their safest and most bioavailable forms.

Rehab Support Formula™ contains not only the base formula of Douglas Laboratories' Ultra-Specific Nutrition 2000 Series™ that offers intensive support for the healthy functioning of the body in general, but also a blend of herbs and additional nutrients specifically formulated to expedite the healing process that follows injury to tissue structure and function. Rehab Support Formula™ provides a broad spectrum of synergistic proteolytic (protein-specific) enzymes: bromelain, trypsin and chymotrypsin.

Proteolytic enzymes, also called proteases, are continuously active in reshaping the tissues throughout the body. Trypsin and chymotrypsin also participate in the normal wound healing process. They help remove cellular debris, blood clots and scar tissue, thus facilitating the re-growth of healthy tissue.

In addition to proteolytic enzymes, Rehab Support Formula™ provides several nutritional cofactors that have important biochemical roles in normal wound healing. Vitamin C and bioflavonoids have functions in the formation and maintenance of healthy connective tissue. Zinc is important for normal immune function. Manganese as well as hydroxyapatite, mucopolysaccharides, and chondroitin sulfate are involved in bone and cartilage repair. Bromelain, a protease from the pineapple plant works by modulating the arachidonate cascade to support the discomfort associated with injuries. Similar action is provided by chamomile and capsicum.

#### **INDICATIONS**

Rehab Support Formula™ may be a useful dietary supplement for those who wish to support the health of tissue.

#### **FORMULA (#4549)**

Four Tablets Contain:

Vitamin A (25% as Vitamin A Palmitate/	
75% [15,000 IU] as Beta-Carotene) .....	20,000 IU
Vitamin C (Ascorbic Acid).....	1,000 mg
Vitamin D-3.....	.50 IU
Vitamin E (as Vitamin E Succinate) .....	200 IU
Thiamine (as Thiamine HCl) .....	50 mg
Riboflavin.....	.25 mg
Niacin/Niacinamide.....	120 mg
Vitamin B-6 (as Pyridoxine HCl/	
Pyridoxal-5-Phosphate Complex) .....	25 mg

**Rehab Support Formula™****Support for Normal Tissue Healing**

Folic Acid .....	800 mcg	
Vitamin B-12 (as cyanocobalamin) .....	100 mcg	
Biotin.....	300 mcg	
Pantothenic Acid (as d-Calcium Pantothenate) .....	150 mg	
Calcium (from Calcium Citrate/Ascorbate/Carbonate Complex) .....	300 mg	
Iron (as Ferronyl®) .....	1.5 mg	
Magnesium (from Magnesium Aspartate/Ascorbate/Oxide Complex).....	300 mg	
Zinc (from Zinc Aspartate Complex) .....	20 mg	
Selenium (Organic Selenium from Krebs† Cycle and Kelp).....	200 mcg	
Copper (from Copper Amino Acid Chelate) .....	2 mg	
Manganese (from Manganese Aspartate/Sulfate Complex) .....	15 mg	
Chromium (Organically bound with GTF activity—low allergenicity) .....	200 mcg	
Molybdenum (from Molybdenum Krebs†) .....	50 mcg	
Potassium (from Potassium Aspartate/Chloride Complex) .....	75 mg	*
Choline (from Choline Citrate/Bitartrate) .....	20 mg	*
Inositol .....	25 mg	*
Citrus Bioflavonoid Complex .....	100 mg	*
PABA (para-Aminobenzoic Acid) .....	50 mg	*
Vanadium (from Vanadium Krebs†).....	25 mcg	*
Boron (from Boron Aspartate/Citrate Complex) .....	1 mg	*
Trace Elements (from Sea Vegetation).....	100 mcg	*
Rehab Support Proprietary Blend .....	500 mg	*
Chondroitin Sulfate, L-Aspartic Acid, Trypsin, Chymo-trypsin, Capsicum (fruit), German Chamomile (flower), Betaine HCl, Microcrystalline Hydroxyapatite (from Veal Bone), Mucopolysaccharides, Rutin N.F., Pancreatin 8X (providing Protease, Amylase and Lipase), DL-Phenyl- alanine, N-Acetyl-L-Cysteine/L-Cysteine HCl, L-Methio-nine, Proanthocyanidins (Red Wine Grapes), Bromelain (min. of 2000 m.c.u.) and Glutamic Acid HCl		

**SUGGESTED USE**

Adults take 4 tablets daily with meals or as otherwise directed by healthcare professional.

**SIDE EFFECTS**

No adverse side effects have been reported.

**STORAGE**

Store in a cool, dry place, away from direct light. Keep out of reach of children.

## Rehab Support Formula™

### Support for Normal Tissue Healing

#### REFERENCES

- Baum BJ, Margolies MR, Doku C, Murnane TW. The effect of -chymotrypsin on wound healing in hamsters. *Oral Surg Oral Med Oral Pathol* 1972;33:484-9.
- Casey G. The importance of nutrition in wound healing. *Nurs Stand* 1998;13:51-4, 56.
- Green S, McLaren S. Nutrition and wound healing. *Community Nurse* 1998;4:29-32.
- Grigorian AV, Tolstykh PI, Gostishchev VK. [Proteolytic activity of the blood and tissue and its relation to wound healing]. *Vestn Khir Im I I Grek* 1978;120:9-12.
- Hagelback B, Lundborg H. Studies on the cytotoxic effect of enzyme preparations. *Eur Surg Res* 1982;14:386-92.
- Harvo-Noponen M, Seppala M. Double blind study of oral chymotrypsin in patients with episiotomy. *Ann Chir Gynaecol Fenn* 1968;57:444-6.
- Lecht LA, Stephenson RL. Clinical evaluation of a proteolytic enzyme therapy in treatment of external lesions. *Vet Med Small Anim Clin* 1968;63:154-6.
- Liang YC, Huang YT, Tsai SH, Lin-Shiau SY, Chen CF, Lin JK. Suppression of inducible cyclooxygenase and inducible nitric oxide synthase by apigenin and related flavonoids in mouse macrophages. *Carcinogenesis* 1999;20:1945-52.
- Newsholme E, Hardy G. Supplementation of diets with nutritional pharmaceuticals. *Nutrition* 1997;13:837-9.
- Shenkin A. Micronutrients in adult nutritional support: requirements and benefits. *Curr Opin Clin Nutr Metab Care* 1998;1:15-9.
- Thomas DR. Specific nutritional factors in wound healing. *Adv Wound Care* 1997;10:40-3

For more information on Estro-Mend™ visit [douglaslabs.com](http://douglaslabs.com)

† 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.

Manufactured by  
Douglas Laboratories  
600 Boyce Road  
Pittsburgh, PA 15205  
800-245-4440  
[douglaslabs.com](http://douglaslabs.com)



You trust Douglas Laboratories.  
Your patients trust you.

© 2013 Douglas Laboratories. All Rights Reserved