



- for pre- and post-surgery and wound healing
- accelerate healing
- reduce inflammation
- decrease bruising



Nutritional Support Program for Surgery and Trauma

- **a comprehensive pre- and post-operative nutritional support system**
- **enhance tissue repair and regeneration**
- **minimize swelling, inflammation, and bruising**
- **nutritional supplementation for optimal surgical recovery results**
- **enables rapid and complete healing of wounds**

If you experience physical trauma – whether from accidental injury or a planned surgical procedure – you want to heal as quickly as possible with the least amount of swelling, bruising, and scarring. Your body's effort to heal damaged tissue increases the demand for certain nutrients required in the healing process. Supplementing with these nutrients, as well as specific botanicals, can facilitate healing, reduce bruising and swelling, and minimize scarring. Thorne Research's Surgery Support Program provides your body with the nutrients and botanicals it needs for optimum, speedy, comfortable healing.

Healing requires an intricate interplay of blood cells, growth factors, and biochemical mediators. Thorne's nutritional support products for surgery and trauma include nutrients that promote tissue repair, reduce inflammation, and prevent specific nutritional deficiencies that can delay healing. Nutrients and/or botanicals that can delay healing or can have an adverse effect on surgical outcome are NOT included.

Since 1984, Thorne Research has been manufacturing the finest nutritional supplement products and supplying them to doctors and pharmacies around the world. We use only the purest raw materials in our product line – which includes over 280 products – and adhere to the strictest manufacturing standards in the nutritional supplement industry. Our Surgery Support Program has helped thousands of individuals heal more quickly and with more comfort after surgery and injury.

Traumogen® comprehensive nutritional support for wound healing, surgery or injury

The nutrients and botanicals in Traumogen promote tissue regeneration and support rapid wound healing. The amino acid glutamine is of vital importance to rapidly reproducing cells and tissues. Glutamine is used by white blood cells within the wound for reproduction, growth, and as a source of energy. Glucosamine sulfate is included in Traumogen because of its ability to promote wound healing via increasing the body's production of hyaluronic acid, an important biochemical component of the extracellular matrix - the "glue" that holds tissues together.

Vitamin C is essential for wound healing because it is a cofactor for the synthesis of collagen, proteoglycans, and other organic components of the extracellular matrix. Vitamin C also provides important antioxidant activity and has been shown to improve immune function in humans. The combined effects of vitamin C on collagen synthesis, antioxidant status, and immune function make it an important nutrient for surgery patients and wound repair. Other nutrients important for proper tissue regeneration and repair include vitamin B6 and the minerals zinc, copper, and manganese. The botanical Gambir enhances both the production and strength of collagen, promoting tissue repair.



Traumogen®

Supplement Facts

Serving Size: One Capsule		Servings Per Container: 180	
Each Capsule Contains:		% DV	
Vitamin C (as Ascorbic Acid)	200 mg.	333%	
Vitamin B6 (from 5 mg Pyridoxal 5'-Phosphate)	3.4 mg.	170%	
Zinc (as Zinc Picolinate)	5 mg.	33%	
Copper (as Copper Picolinate)	0.25 mg.	12.5%	
Manganese (as Manganese Picolinate)	3 mg.	150%	
L-Glutamine	200 mg.	*	
Glucosamine Sulfate	100 mg.	*	
Gambir (leaves) (Uncaria gambir ¹)	120 mg.	*	

*Daily Value (DV) not established.

Other Ingredients: Hypromellose (derived from cellulose) capsule. May contain one or more of the following hypoallergenic ingredients to fill space - Magnesium Citrate, Leucine, Silicon Dioxide.

Contains ingredient derived from shellfish (crab and/or shrimp).

¹A source of catechin.

180 Vegetarian Capsules
Code: SF723
Dosage: 6 capsules bid



Hydrolyzed Whey Protein

Supplement Facts

Serving Size: Two Scoops		Servings Per Container: 17	
Two Scoops Contain:		% DV	
Calories	117		
Calories from Fat	18		
Total Fat	2 g	3%	
Saturated Fat	1 g	5%	
Trans Fat	0 g		
Cholesterol	33 mg.	11%*	
Total Carbohydrate	2 g	<1%*	
Dietary Fiber	0 g		
Sugars (as lactose)	2 g		
Protein	22.5 g		
Sodium (from Lactalbumin Powder)	25 mg.	1%	

*Percent Daily Value based upon a 2000 calorie diet.

Daily Value (DV)

Other Ingredients: Hydrolyzed lactalbumin protein.

Contains ingredient derived from milk.

NET WT. 18 OZ. (510 G)

Code: SP623

Dosage: 1 to 2 scoops in 8 ounces of water qd - tid

Hydrolyzed Whey Protein

enzymatically hydrolyzed for low allergenicity - a high quality protein source with immune-enhancing effects

Adequate protein intake is essential for proper wound healing. Protein depletion can delay wound healing by increasing inflammation, inhibiting production of collagen and the repair of the extracellular matrix, by inhibiting the formation of new blood vessels within the wound area, and by inhibiting wound remodeling, which can lessen wound strength and increase scarring. In addition, lactoferrin has antibacterial, antifungal, antiviral, and immune-enhancing effects.

Phytoprofen®
botanical anti-inflammatory extracts to minimize post-operative/post-injury inflammation and bruising without the side effects of NSAIDS

Phytoprofen is a combination of anti-inflammatory botanicals, including a synergistic blend of Ayurvedic herbs - Picrorhiza, Boswellia, and curcumin (from turmeric), all of which exhibit potent anti-inflammatory action by inhibiting inflammatory prostaglandins and leukotrienes. To these botanicals is added bromelain - an anti-inflammatory, protein-digesting enzyme complex from pineapple that inhibits the production of prostaglandins and leukotrienes, as well as other chemicals involved in inflammation.

The botanical extracts in Phytoprofen can minimize post-operative/post-injury inflammation and bruising without the side effects of nonsteroidal anti-inflammatory drugs (NSAIDs). Clinical research has shown bromelain reduces swelling, bruising, and pain, and speeds healing from bruises and hematomas. Treatment with bromelain following blunt injuries to the musculoskeletal system results in a clear reduction in swelling, pain at rest and during movement, and tenderness. Administration of bromelain pre-surgically can reduce the average number of days for complete disappearance of pain and inflammation.

Phytoprofen provides anti-inflammatory effects while preserving cartilage, mucous membranes, and other tissues that are often damaged by over-the-counter and prescription medications. It is known that NSAIDs can cause a disruption of glycosaminoglycan synthesis that can accelerate articular damage in arthritic conditions.



Phytoprofen®

Supplement Facts		
Serving Size: One Capsule	Servings Per Container: 60	
Each Capsule Contains:	% DV	
Bromelain (3200 m.c.u. minimum)	125 mg.	*
Picrorhiza kurroa extract (root) (4% Kutkin)	125 mg.	*
Boswellia serrata extract (gum) (60% Boswellic Acids)	125 mg.	*
Turmeric extract (rhizome) (Curcuma longa)	125 mg.	*

*Daily Value (DV) not established.

Other Ingredients: Hypromellose (derived from cellulose) capsule. May contain one or more of the following hypoallergenic ingredients to fill space - Silicon Dioxide.

Note: Bromelain is derived from the pineapple plant.

60 Vegetarian Capsules
Code: SF799
Dosage: 1 to 2 capsules bid - tid



Vitamin A

Supplement Facts		
Serving Size: One Capsule	Servings Per Container: 90	
Each Capsule Contains:	% DV	
Vitamin A (Palmitate)	25,000 IU.	500%

Daily Value (DV)

Other Ingredients: Hypromellose (derived from cellulose) capsule. May contain one or more of the following hypoallergenic ingredients to fill space - Magnesium Citrate, Leucine, Silicon Dioxide.

90 Vegetarian Capsules
Code: A97
Dosage: 1 to 4 capsules qd

Vitamin A
support the immune system

Vitamin A is required for proper immune system function, as well as optimal tissue development and repair. Substantial evidence supports the use of vitamin A as a nutritional supplement for wound healing. Vitamin A benefits the wound by enhancing the early phases of wound healing, including increasing the number of white blood cells at the wound site, decreasing collagen breakdown, supporting epithelial cell growth, and improving the immune response.

Thorne's Surgery and Trauma Support Program

Pre-operative Nutritional Support for Adults: begin two weeks prior to surgery

TRAUMOGEN

Take 4 capsules three times daily.

HYDROLYZED WHEY PROTEIN

Take 1 serving daily mixed with 8 to 10 oz of juice.

VITAMIN A

Take 1 capsule (25,000 IU*) daily.

Post-operative or After Injury Nutritional Support

TRAUMOGEN

Take 4 capsules three times daily until healing is complete.

PHYTOPROFEN

Take 3 capsules** three times daily until healing is complete.

VITAMIN A

Take 1 capsule (25,000 IU*) daily, continue for two weeks after surgery or injury.

HOMEOPATHIC ARNICA

Take 2 to 3 pellets of Arnica 30c twice daily, taken at least 20 minutes before or after eating or drinking. Continue until bruising and swelling are gone.

* Warning: This dose of vitamin A is contraindicated during pregnancy

**Warning: Bromelain should not be taken if you have a history of arrhythmias, if you are taking blood thinning medications such as Coumadin, or if you have an allergy to pineapple.

When your patients experience physical trauma – whether from accidental injury or a planned surgical procedure – you want them to heal as quickly as possible with the least amount of swelling, bruising, and scarring. Healing requires an intricate interplay of blood cells, growth factors, and biochemical mediators. Nutritional support can help promote tissue repair, reduce inflammation, and prevent specific nutritional deficiencies that can delay healing.



purity is in the details™



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