

## Juven®

## Therapeutic nutrition powder for wound healing

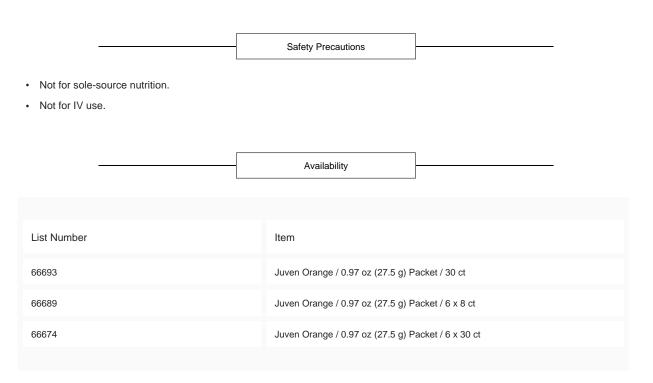
JUVEN has been clinically shown to support wound healing by enhancing collagen formation in as little as 2 weeks,\*1.2 and to help build and maintain lean body mass (LBM) in 4 weeks.<sup>†,3</sup> Recommend two packets per day. Administer orally or as a modular via feeding tube; use in addition to a complete, balanced diet. Use under medical supervision.



- In both healthy elderly and patients with diabetic foot ulcers, taking 2 servings per day, as measured by hydroxyproline levels.
  Williams JZ, et al. Ann Surg. 2002;236:369-375.
- <sup>+</sup> In patients with cancer cachexia. <sup>2</sup> Jones, et al. Surg Infect, 2014; 15(6):708-712.
- <sup>3</sup> May PE, et al. Am J Surg. 2002;183:471-479.

Features

- Arginine supports blood flow and is a building block for proteins, which can contribute to wound healing.<sup>4,5</sup>
- Glutamine involved in fibroblastic formation of collagen and supports the immune system.<sup>6,7</sup>
- CaHMB (calcium ß-hydroxy-ß-methylbutyrate) a metabolite of leucine that helps produce new tissue by slowing down muscle breakdown and stabilizing muscle cell membranes.8
- Collagen protein shown to help stimulate internal collage production.9
- · Micronutrients (vitamins C, E, & B12 and zinc) important nutrients for the wound healing process.
- Best when mixed at room temperature.
- Lactose-free. •
- Kosher.
- Gluten-free.
- <sup>4</sup> Stechmiller JK, et al. Nutr Clin Pract. 2005;20:52-61.
- <sup>5</sup> Preli RB, et al. Atheroschlerosis. 2002;162:1-15.
- <sup>6</sup> Bellon G, et al. Biochim Biophys Acta. 1995;1268:311-323.
- <sup>7</sup> Andrews FJ British J Nutr 2002; 87(Suppl. 1); S3-S8.
- <sup>8</sup> Clark RH, et al. JPEN J Parenter Enteral Nutr. 2000;24:133-139.
- <sup>9</sup> Sibilla S, et al. The Open Nutraceuticals Journal. 2015;(8):29-42.





Abbott Nutrition Abbott Laboratories Columbus, OH 43219

1-800-227-5767

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Ingredients

## Orange Powder

L-Glutamine, L-Arginine, Citric Acid, Hydrolyzed Beef Collagen, Sugar, Calcium Beta-Hydroxy-Beta-Methylbutyrate, Natural & Artificial Flavor, Ascorbic Acid, dl-Alpha-Tocopheryl Acetate, Aspartame, Zinc Sulfate, Acesulfame Potassium, Yellow 6, and Vitamin B12.

Phenylketonurics: Contains phenylalanine.

	-	Nutrition In	
	27.5 g (1	I Packet)	
	27.0 g (1	T dokety	
	Value	%DV	
Calories	90		
L-Arginine, g	7		
	7		
L-Glutamine, g	1		
Protein (Collagen), g	2.5		
Carbohydrate, g	8.4		
Carbonydrate, g	0.4		
Sugars, g	2		
Vitamin C, mg	300		
vitamin C, mg	300		
Vitamin E, mg	15		
Vitamin B12, mcg	1.2		
vitamin D12, mog	1.2		
Calcium, mg	200		
Zinc, mg	9.5		
2.nc, mg	5.5		
Calcium Beta-hydroxy-Beta-methylbutyrate, g	1.5		

\*Nutritional content will vary when mixed with food, juice or other beverage

Preparation

## Instructions for Use:

- Drink 2 packets daily between meals.
- Mix contents of packet with 8 to 10 fl oz of juice or water.



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