

# Real Life. Real Results.

Can Juven® help your patients too?

## CASE TITLE: *Failed Amputation Flap, Left Foot*

### “Two months after the amputation of two toes in July...”

The patient’s left foot wound hadn’t healed. In December, a failed amputation flap occurred; and on February 28 of the following year, the patient began a 30-day trial of Juven®.



BEFORE JUVEN



JUVEN DAY 19



17 DAYS POST 30 DAY  
JUVEN TRIAL

“With no other change to his care but the addition of Juven, the wound began to heal and continued healing even after his supply of Juven was used up.”

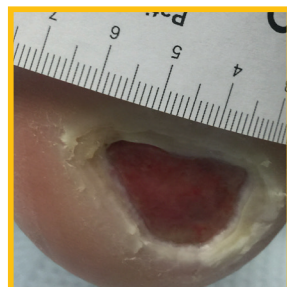
-Doctor of Podiatric Medicine

Juven was used in addition to a standard wound care program.

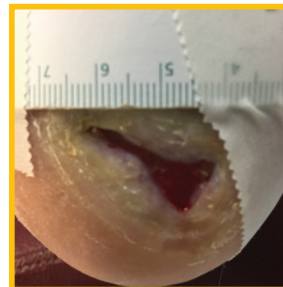
## CASE TITLE: *Plantar Ulcer, Heel*

### “I was treating a diabetic patient with a plantar heel ulcer...”

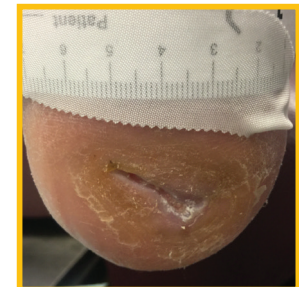
While revascularization, local wound care with collagen dressings, and offloading had improved the ulcer to a degree, progress was minimal and slow. At that point, we added a twice-daily regimen of Juven®. Within about two weeks, there was noticeable improvement.



BEFORE JUVEN



JUVEN DAY 38



JUVEN DAY 49

By her most recent visit, the ulcer has reduced in size significantly, and has nearly closed within six weeks. No other changes in her treatment regimen had been initiated, so I attribute much of the acceleration of the healing process to the Juven.”

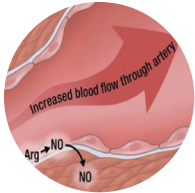
-Doctor of Podiatric Medicine

Juven was used in addition to a standard wound care program.

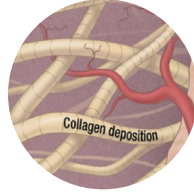
**Juven provides conditionally essential nutrients to support wound healing by enhancing collagen production.**

# Juven is clinically shown to help support wound healing in two weeks<sup>1\*</sup>

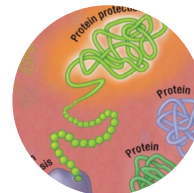
## JUVEN HAS A UNIQUE BLEND OF KEY INGREDIENTS TO SUPPORT WOUND HEALING



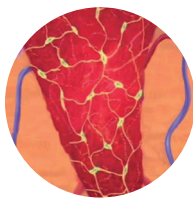
**Arginine:**  
Supports blood flow and is directly bactericidal<sup>2,3</sup>



**Glutamine:**  
Supports the immune system and promotes new tissue growth<sup>6</sup>



**HMB:** Helps produce new tissue by slowing muscle breakdown and enhancing protein synthesis<sup>4,5</sup>



**Hydrolyzed Collagen Protein:**  
Accelerates the rate of wound healing by stimulating internal collagen production<sup>7,8</sup>



**Micronutrients:**  
Contains zinc, vitamin C, vitamin E, and vitamin B<sub>12</sub>, which are important in the wound healing process<sup>9</sup>

### Where to find Juven

- Available through most home medical equipment (HME) companies
- Online at [www.abbottstore.com](http://www.abbottstore.com) or **amazon**
- In store at your local pharmacy **Walgreens**

### Ordering information



Flavor	List # Case	List # Carton
Flavored- 0.85 oz per packet	6 cartons/case 180 packets/case	30 packets/carton
Unflavored- 0.68 oz per packet		
Orange	66674	66693
Fruit Punch	66680	66694
Unflavored	66686	66695

Support wound healing with the power of Juven

**References:** **1.** Williams et al. Effects of a specialized amino acid mixture on human collagen deposition. *Ann Surg* 2002;236:369-375. **2.** Stechmiller JK, Childress B, Cowan L. Arginine supplementation and wound healing. *Nutr Clin Pract.* 2005;20:5261. **3.** Preli RB, Klein KP, Herrington DM. Vascular effects of dietary L-arginine supplementation. *Atherosclerosis.* 2002;162: 1-15. **4.** Wilson GJ, Wilson JM, Manninen AH. Effects beta-hydroxy-beta-methylbutyrate (HMB) on exercise performance and body composition across varying levels of age, sex, and training experience: a review. *Nutr Metab (Lond).* 2008;5:1. **5.** Nissen SL, Abumrad NN. Nutritional role of the leucine metabolite beta-hydroxy-beta-methylbutyrate (HMB). *J Nutr Biochem.* 1997;8(6):300-311. **6.** Schoemann MB, Bechtold CD, Agarwal S, Lentz CW. *Glutamine and wound healing.* In: Molnar JA, ed. Nutrition and Wound Healing. Boca Raton, FL: CRC Press. 2007;65-86. **7.** Lee SK, Posthauer ME, Dornier B, Redovian V, and Maloney MJ. Pressure ulcer healing with a concentrated, fortified, collagen protein hydrolysate supplement: a randomized controlled trial. *Adv Skin Wound Care.* 2006;19(2):92-96. **8.** Sugihara F, Inoue N, Koizumi S, and Sriraam VT. Collagen hydrolysate enhanced pressure ulcer healing in a randomized double-blind placebo controlled clinical study. *Jpn Pharmacol Ther.* 2015;43(9):1323-1328. **9.** Molnar JA, ed. Nutrition and Wound Healing. Boca Raton, FL: CRC Press; 2007:5.

\*Studied in healthy elderly adults in a wound healing model, taking two servings per day

For use under medical supervision

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