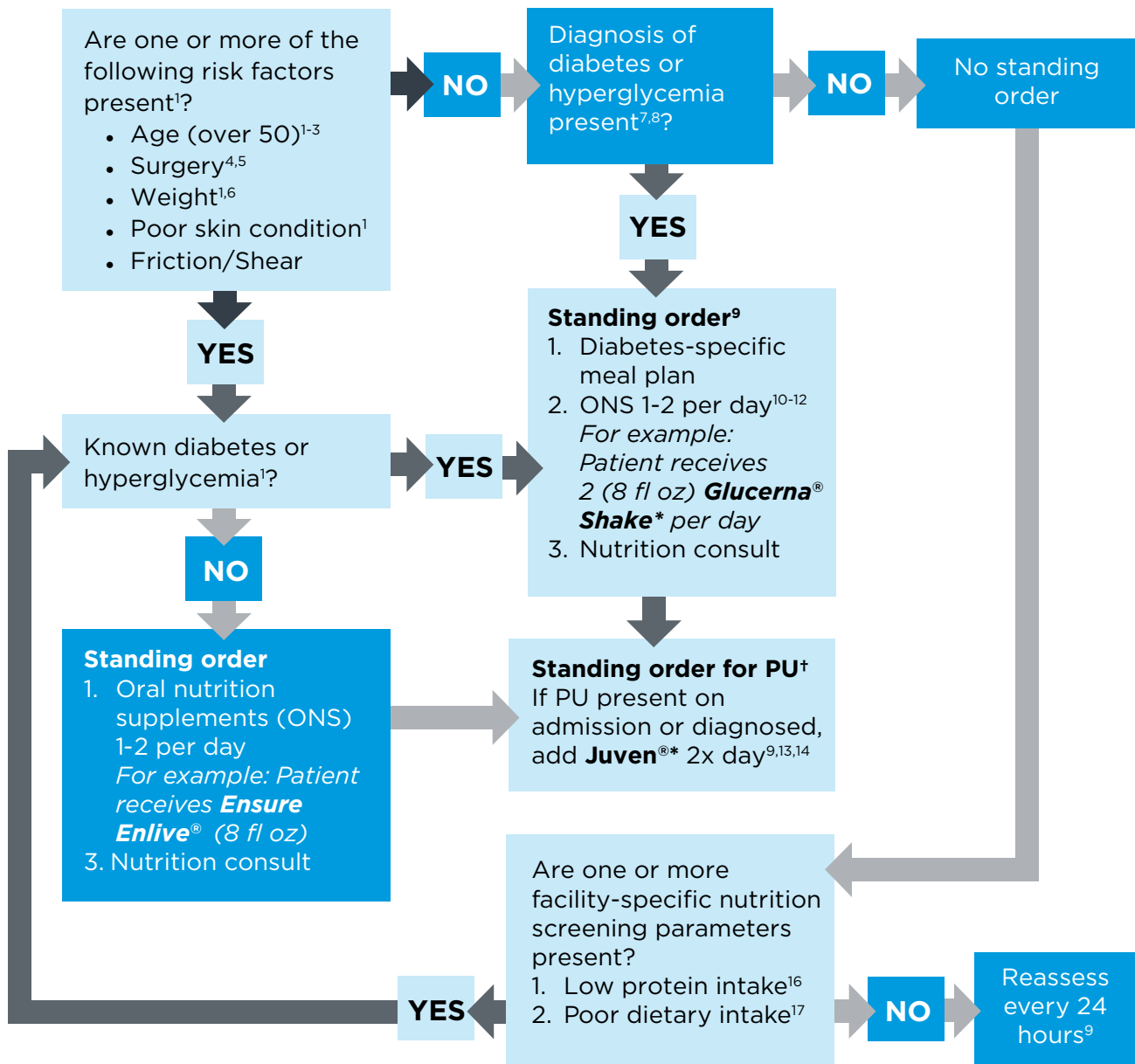


# Sample Pressure Ulcer (PU) Prevention and Treatment Decision Tree with Standing Orders: Oral Nutrition Supplements (ONS)



\* Use under medical supervision

† For Stage 3 and Stage 4. Consider Juven for Stage 2 complex wounds.

**References:** 1. Schoonhoven L, Grobbee DE, Donders AR, et al. *Qual Saf Health Care*. 2006;15(1):65-70. 2. McWhirter JP, Pennington CR. *BMJ*. 1994;308:945-948. 3. Weekes E. *Proc Nutr Soc*. 1999;58:126A. 4. Frankel H, Sperry J, Kaplan L. *Am J Surg* 2007;73(12):1215-1217. 5. Versluyen V. *BMJ*. 1986;292:1311-1313. 6. Braunschweig C, Gomez S, Sheean P. *J Am Diet Assoc*. 2000;100:1316-1322. 7. Resnick HE, et al. *Diabetes Care*. 2008;31(2):287-8. 8. Fromy B, et al. *Diabetes*. 2002;51:1214-1217. 9. Gibbons W, et al. *Jt Comm J Qual Patient Saf*. 2006;32(9):8731-8735. 10. Bourdel-Marchessen I, et al. *Nutr*. 2000;16:1-5. 11. Stratton RJ, et al. *Aging Res Rev*. 2005;4:422-450. 12. Vulkert D, et al. *Clin Nutr*. 2006;25:330-360. 13. May PE, et al. *Am Sur* 2002;183:471-479. 14. Clark RH et al. *Parenter and Enteral Nutr*. 2000;24:133-139. 15. Gibbons W, et al. *Jt Comm J Qual Patient Saf*. 2006;32(9):8731-8735. 16. Bergstrom N, Braden B. *J Am Geriatr Soc*. 1992;40:747-753. 17. Berlowitz DR, Wilking SVB. *J Am Geriatr Soc*. 1989;264:37:1043-1050.

# Therapeutic Nutrition Intervention is Fundamental to Promote Wound Healing

## Poor nutrition is an independent predictor for pressure ulcers <sup>2</sup>

- Undernourished patients are 2X more likely to develop pressure ulcers <sup>3</sup>
- Poor nutrition contributes to 61% of pressure ulcers <sup>4</sup>

## Nonhealing wounds create serious health issues

- Up to 80% of patients with pressure ulcers have constant pain <sup>5</sup>
- Poor healing may lead to infectious complications <sup>6</sup>
- The most common complications of pressure ulcers include mortality, osteomyelitis, and sepsis <sup>7</sup>

## Nonhealing wounds have economic implications





- Pre-existing malnutrition/weight loss increases the odds of developing a pressure ulcer 3.8 times, which can impact readmission rates <sup>8</sup>
- Median monetary recoveries for patients with pressure ulcers caused by poor nutrition are 2X higher than those caused by poor pressure management alone <sup>4</sup>
- Prompt wound healing reduces wound care costs <sup>9</sup>

## Think JUVEN<sup>®</sup>: Targeted nutritional synergy for optimal wound healing <sup>10</sup>

- Only JUVEN offers a unique blend of 3 key ingredients including arginine to help promote wound healing, <sup>10,11</sup> build lean body mass (LBM), <sup>12,14</sup> and support immune function <sup>11</sup>
- JUVEN was shown to significantly enhance collagen production by 67% in as early as 2 weeks (P<0.03) <sup>10</sup>

HMB (β-hydroxy-β-methylbutyrate)	Arginine	Glutamine
<ul style="list-style-type: none"> <li>• Decreases muscle breakdown <sup>12,15</sup></li> <li>• Supports protein synthesis <sup>12,15</sup></li> <li>• Stabilizes muscle cell membrane <sup>17</sup></li> </ul>	<ul style="list-style-type: none"> <li>• Supports protein synthesis <sup>11,12</sup></li> <li>• Improves nitrogen balance <sup>15</sup></li> </ul>	<ul style="list-style-type: none"> <li>• Supports protein synthesis <sup>12,16</sup></li> <li>• Preserves muscle glutamine <sup>16</sup></li> </ul>

## Where to find Juven

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

## Ordering information



Flavor	List # Case	List # Carton
0.85-oz (24-g) packets	6 cartons/case 180 packets/case	30 packets/carton
Orange	57935	58012
Fruit Punch	57431	56433
Unflavored	54000	56094

Support wound healing with the power of 3

**References:** 1. Ayello EA et al: *Home Healthc Nurse*1999; 17:719-729. 2. Bates-Jensen BM: *Ann Intern Med*2001;135:744-751. 3. Thomas DR: *Cleve Clin J Med*2001;68:704-722. 4. Voss AC et al: *J Am Geriatr Soc*2005;53:1587-1592. 5. Quirino J et al: *Wounds*2003;15:381-389. 6. Sharp-Pucci M: *Special Report: Pressure-Reducing Support Surfaces in the Prevention and Treatment of Pressure Ulcers: Group 1 Technologies*. March 1998. Available at [www.tricare.osd.mil/ocmo/techdocs/Pressure-1.doc](http://www.tricare.osd.mil/ocmo/techdocs/Pressure-1.doc). Accessed September 27, 2006. 7. Thomas DR: *J Am Med Dir Assoc*2006;7:46-59. 8. Fry DE et al. *Arch Surg* 2010; 145: 148-151. 9. Kerstein MD et al: *Dis Manage Health Outcomes* 2001;9:651-663. 10. Williams JZ et al: *Ann Surg*2002;236:369-375. 11. Kirk SJ et al: *Surgery*1993;114:155-160. 12. May PE et al: *Am J Surg*2002;183:471-479. 13. Clark RH et al: *JPEN J Parenter Enteral Nutr*2000;24:133-139. 14. Smith HJ et al: *Cancer Res*2005;65:277-283. 15. Pan M et al: *J Nutr*2004;134:2826S-2829S. 16. Holeček M: *Nutrition* 2002;18:130-133. 17. Nissen SLAN. *J Nutr Biochem*. 1997;2008:300-311.

**USE UNDER MEDICAL SUPERVISION. Use JUVEN as part of a complete, balanced diet.**