

AMERIGEL® Hydrogel Wound Dressing—Podiatry’s Top Choice for 20 Consecutive Years

By Regina Anderson

For the 20th consecutive year, podiatrists responding to *Podiatry Management’s* Annual Physician Survey named AMERIGEL® Hydrogel Wound Dressing as their #1 choice in Topical Dressing following Matrixectomies (2003-2022). Podiatrists also selected it as their #1 Choice for Wound/Ulcer Care for the 17th consecutive year (2006-2022). Why do podiatrists reach for AMERIGEL first?

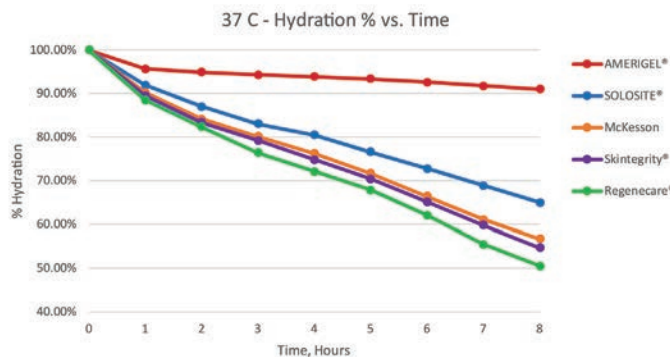


AMERIGEL Hydrogel Wound Dressing Retains Up to 40% More Hydration Than the Competition

Podiatrists’ shared experience continues to underscore AMERIGEL Hydrogel Wound Dressing’s ability to outperform other moist dressing options. AMERIGEL maintains an even moisture balance in the wound bed to promote healing while inhibiting the growth of bacteria (BioScience Laboratories, 2005). Evaporation rates are extremely important when choosing a hydrogel dressing for treatment of dry wounds. A low evaporation rate is essential for sustaining the benefits of supplying a moist microenvironment for wound healing.

AMERX Health Care commissioned an independent laboratory to investigate AMERIGEL Hydrogel Wound Dressing’s *Evaporation/Moisture Loss Over Time (compared to) Five Commonly Prescribed Hydrogel Brands*. This study addressed air evaporation only. Study test samples, standardized for size and test method, were consistently controlled. The hydration concentration for each sample was calculated as a percentage of the original sample weight, and loss of mass was determined to be a loss of water/hydration.

The test demonstrated that AMERIGEL Hydrogel Wound Dressing retained 90.96% of its hydration after eight hours at an average body temperature of 37° C; while its competitors lost 35.04%—49.52% of hydration in the same time period. Study results revealed the average percentage of hydration loss for AMERIGEL Hydrogel Wound Dressing remained significantly less than all other samples evaluated at all time intervals; showing a 1.13% average



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percentage hydration loss per hour for AMERIGEL while other products averaged 4.38-6.19% moisture loss per hour. Overall, AMERIGEL retained up to 4.5 times more moisture than other hydrogels. AMERIGEL’s greater ability to retain moisture minimizes the potential for adherence to the wound bed over time, lessening the chance for wound bed disruption during regular dressing changes, and reducing patient pain and discomfort.

The Importance of Oak Extract (Oakin®) in the Healing Process

Oakin®, a featured ingredient of AMERIGEL Hydrogel Wound Dressing, uses the purest elements naturally produced in select Oak trees to leverage the benefits of oak tannins without resulting in the adverse reactions often associated with OTC drugs. In 2015, Ninan stated hydrogels containing tannic acid show antimicrobial, anti-inflammatory, and antioxidant properties. Molochko, et al. (2008), showed oak bark extract was able to significantly reduce MRSA in colonized wounds and the 2014 study by G.S. Graham, “Healing outcomes of MRSA-infected wounds with Oakin,” demonstrated oak extract’s effectiveness by attaining 78% wound closure within 90 days. More recently, Tanese, et al. (2021), concluded “Quercus species barks are known for their long-term use due to the presence of tannins and other phenolic compounds with antibacterial properties.”



So why do podiatrists reach for AMERIGEL first? AMERX Health Care’s ongoing product research continues to support product efficacy, and for 20 years, podiatrists have valued the positive outcomes their patients have achieved with AMERIGEL for both post-matrixectomy care and wound/ulcer care.

Never tried AMERIGEL Hydrogel Wound Dressing? Contact AMERX Health Care today at (800) 448-9599 or click here to request a FREE Sample Today!

Study References Used in Article Available Upon Request. Call (800) 448-9599 or email marketing@amerxhc.com.