

Clinical evidence

OASIS® Extracellular Matrix

Burns

- 1 Cuenca-Pardo J, Peralta-Conde D. Quemaduras en cara tratadas con escisión temprana y cubiertas con matriz acelular. *Cir Plast.* 2011;21:11-19.
- 2 Glik J, Kawecki M, Kitala D, et al. A new option for definitive burn wound closure - pair matching type of retrospective case-control study of hand burns in the hospitalized patients group in the Dr Stanislaw Sakiel Centre for Burn Treatment between 2009 and 2015. *Int Wound J.* 2017;14:849-855.
- 3 Salgado RM, Bravo L, Garcia M, Melchor JM, Krotzsch E. Histomorphometric analysis of early epithelialization and dermal changes in mid-partial-thickness burn wounds in humans treated with porcine small intestinal submucosa and silver-containing hydrofiber. *J Burn Care Res.* 201435:e330-e337.

Acute wounds

- 1 Baldursson BT, Kjartansson H, Konradsdottir F, Gudnason P, Sigurjonsson GF, Lund SH. Healing rate and autoimmune safety of full-thickness wounds treated with fish skin acelular dermal matrix versus porcine small-intestine submucosa: a noninferiority study. *Int J Low Extrem Wounds.* 2015;14:37-43.
- 2 Veerkamp P, Isaacs M, Somani AK. Small Intestinal Submucosal Matrix as a Novel Reconstructive Option for Large Scrotal Defects. *Dermatol Surg.* 2018;44:318-321.
- 3 Yeh DD, Nazarian RM, Demetri L, et al. Histopathological assessment of OASIS Ultra on critical-sized wound healing: a pilot study. *J Cutan Pathol.* 2017;44:523-529.
- 4 Zagrocki L, Ross A, Hicks A. Management of degloving injuries of the lower extremity: a case report of a forklift injury. *Foot Ankle Spec.* 2013;6:150-153.

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Diabetic foot ulcers

- 1 Benbow M. Oasis: an innovative alternative dressing for chronic wounds. *Br J Nurs*. 2001;10:1489-1492.
- 2 Cazzell SM, Lange DL, Dickerson JE Jr, Slade HB. The Management of Diabetic Foot Ulcers with Porcine Small Intestine Submucosa Tri-Layer Matrix: A Randomized Controlled Trial. *Adv Wound Care*. 2015;4:711-718.
- 3 Frykberg RG, Hodde JP. Biomaterial Wound Matrix from Small Intestine Submucosa: Review and Efficacy in Diabetic Wound Healing. In: Lee BY, ed. *The Wound Management Manual*. New York, NY: McGraw-Hill; 2005:290-297.
- 4 Gilligan AM, Waycaster CR, Landsman AL. Wound closure in patients with DFU: a cost-effectiveness analysis of two cellular/tissue-derived products. *J Wound Care*. 2015;24:149-156.
- 5 Guest JF, Weidlich D, Singh H, et al. Cost-effectiveness of using adjunctive porcine small intestine submucosa tri-layer matrix compared with standard care in managing diabetic foot ulcers in the US. *J Wound Care*. 2017;26:S12-S24.
- 6 Landsman A, Roukis TS DeFronzo DJ, Agnew P, Petranto RD, Surprenant M. Living cells or collagen matrix: which is more beneficial in the treatment of diabetic foot ulcers? *Wounds*. 2008;20:111-116.
- 7 Martinson M, Martinson N. A comparative analysis of skin substitutes used in the management of diabetic foot ulcers. *J Wound Care*. 2016;25:S8-S17.
- 8 Niezgoda JA, Van Gils CC, Frykberg RG, Hodde JP. Randomized clinical trial comparing OASIS Wound Matrix to Regranex Gel for diabetic ulcers. *Adv Skin Wound Care*. 2005;18:258-266.

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Venous ulcers

- 1 Demling RH, Niezgoda JA, Haraway GD, Mostow EN. Small Intestinal Submucosa Wound Matrix and Full-thickness Venous Ulcers: Preliminary Results. *Wounds*. 2004;16:18-22.
- 2 Guest JF, Rana K, Singh H, Vowden P. Cost-effectiveness of using a collagen-containing dressing plus compression therapy in non-healing venous leg ulcers. *J Wound Care*. 2018;27:68-78.
- 3 Hankin CS, Knispel J, Lopes M, Bronstone A, Maus E. Clinical and cost efficacy of advanced wound care matrices for venous ulcers. *J Manag Care Pharm*. 2012;18:375-384.
- 4 Lown I, Kurt T, Tran H, et al. Does Bilayered Extracellular Matrix Technology Hasten Wound Healing in Venous Stasis Ulcers? A Retrospective Study. *Wounds*. 2005;17:27-31.
- 5 Marston WA, Sabolinski ML, Parsons NB, Kirsner RS. Comparative effectiveness of a bilayered living cellular construct and a porcine collagen wound dressing in the treatment of venous leg ulcers. *Wound Rep Regen*. 2014;22:334-340.
- 6 Mostow EN, Haraway GD, Dalsing M, Hodde JP, King D; OASIS Venus Ulcer Study Group. Effectiveness of an extracellular matrix graft (OASIS Wound Matrix) in the treatment of chronic leg ulcers: a randomized clinical trial. *J Vasc Surg*. 2005;41:837-843.

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Pressure ulcers

- 1 Beers PJ, Adgerson CN, Millan SB. Porcine tri-layer wound matrix for the treatment of stage IV pressure ulcers. *JAAD Case Rep.* 2016;2:122-124.

Mixed chronic ulcers

- 1 Barendse-Hofmann MG, Steenvoorde P, van Doorn L, Jacobi CE, Oskam J, Hedeman PP. Extracellular Wound Matrix (OASIS®): Exploring the Contraindications. Results of Its Use in 32 Consecutive Outpatient Clinic Cases. *Wounds.* 2007;19:258-263.
- 2 Barendse-Hofmann MG, van Doorn LP, Oskam J, Steenvoorde P. Extracellular matrix prevents split-skin grafting in selected cases. *J Wound Care.* 2007;16:455-458.
- 3 Carson SN, Travis E, Overall K, Lee-Jahshan S. Using Becaplermin Gel with Collagen Products to Potentiate Healing in Chronic Leg Wounds. *Wounds.* 2003;15:339-345.
- 4 Hampton S. Oasis a dressing for the future. *Nurse 2 Nurse.* 2002;2:2-3.
- 5 Olivares-Escutia J, Delbouis-Molina A, Fernandez-Meso JN, et al. Tratamiento de heridas con ulceracion cronica, mediante submucosa de intestine delgado. Informe de 20 casos. *Rev Mex Ortop Traumatol.* 2002;16:125-130.
- 6 Rando T. Use of a biological extracellular matrix wound therapy to heal complex, chronic wounds. *J Wound Care.* 2009;18:70-74.

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Chronic vascular ulcers

- 1 Romanelli M, Dini V, Bertone M, Barbanera S, Brilli C. OASIS wound matrix versus Hyaloskin in the treatment of difficult-to-heal wounds of mixed arterial/venous aetiology. *Int Wound J*. 2007;4:3-7.
- 2 Romanelli M, Dini V, Bertone MS. Randomized comparison of OASIS wound matrix versus moist wound dressing in the treatment of difficult-to-heal wounds of mixed arterial/venous etiology. *Adv Skin Wound Care*. 2010;23:34-38.
- 3 Romanelli M, Gilligan AM, Waycaster CR, Dini V. Difficult-to-heal wounds of mixed arterial/venous and venous etiology: a cost-effectiveness analysis of extracellular matrix. *Clinicoecon Outcomes Res*. 2016;8:153-161.

Mixed wounds

- 1 Aboulssa A, Mari W, Simman R. Clinical Usage of an Extracellular Collagen-rich Matrix: A Case Series. *Wounds*. 2015;27:313-318.
- 2 Brown DF, Jaffer FA, Baker JN, Gurol ME. Case records of the Massachusetts General Hospital. Case 28-2013. A 52-year-old man with cardiac arrest after an acute myocardial infarction. *N Engl J Med*. 2013;369:2047-1054.
- 3 Brown-Etris M, Cutshall WD, Hiles MC. A New Biomaterial Derived from Small Intestine Submucosa and Developed into a Wound Matrix Device. *Wounds*. 2002;14:150-166.
- 4 Heiney J, Redfern R. Difficult leg wounds successfully closed with decortication, bioresorbable ECM and NPWT. *J Wound Care*. 2013;22:314-316.

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