

Nourisil™ MD

Silicone scar gel



The gold standard for scar management

Silicone-based products are recommended as the first line therapy for both treatment and prevention of keloids and hypertrophic scars in the international guidelines. Silicones are the only non-invasive, evidence-based treatment option available for the management of scars.¹⁻³

Among silicone-based products, the gels are associated with increased patient acceptance and compliance.⁹



What is Nourisil™ MD?

Nourisil™ MD is an ultra-light, transparent, self-drying silicone gel, which has been developed for the prevention and management of new and old keloids and hypertrophic scars that result from general surgical procedures, wounds, trauma, or burns. It contains a unique blend of five silicones and vitamin E to maintain the skin's moisture balance, while improving the appearance of the scar.

Nourisil™ MD is a medical device and comes in a hygienic and convenient, ready-to-use 30 g airless dispensing system. Nourisil™ MD should be applied twice daily once the wound has closed. The recommended duration of treatment is 60-90 days. For larger or older scars, longer treatment may be required.

Ingredients

- Cyclopentasiloxane
- Caprylyl Methicone
- Tocopheryl Acetate
- Dimethicone Crosspolymer
- PEG-12 Dimethicone/PPG-20 Crosspolymer
- Polyglyceryl-3 Diisostearate
- Dimethicone

Nourisil™ MD

Benefits of Nourisil™ MD

- Silicone gels have proven efficacy to flatten, soften, and smooth scars ⁹⁻¹⁶
- Innovative formula containing a blend of five silicones and vitamin E
- Vitamin E added to silicone gels increases treatment efficacy ¹⁷
- Easily applied onto scars on all areas of the skin, including the face and joints
- Elegant, non-greasy formula with a silky skin feel which dries to form a layer that hydrates and protects scars ⁴⁻⁸
- Suitable for use on all skin types, including sensitive skin and on children ¹⁸⁻¹⁹
- Free of preservative and mineral oils

How Nourisil™ MD works?

Protection

Protects by forming an invisible occlusive barrier



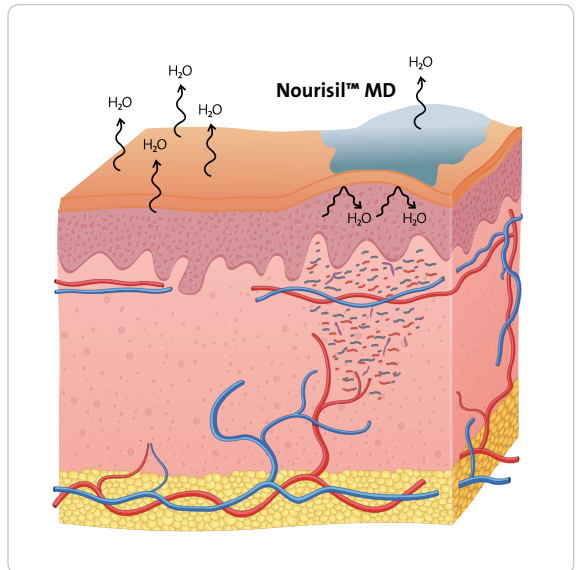
Hydration

Increases hydration to normalize collagen production at scar site ⁴⁻⁸



Growth factors modulation

Modulation of growth factors alters the activation state of fibroblasts, reducing extracellular matrix synthesis ⁴⁻⁸



Proven efficacy

Nourisil™ MD is effective for the prevention and treatment of new and old keloids and hypertrophic scars. Nourisil™ MD helps to flatten, soften, and smooth scars, relieve the itching and discomfort of the skin caused by scars, and reduces associated pain and redness. ⁹⁻¹⁶

Prevention of linear hypertrophic scar after surgery



Before treatment



After 3 months treatment



After 9 months treatment

Nourisil™ MD use

- Prevention and treatment of new and old keloids and hypertrophic scars
- Can be applied after the wound has healed and the skin surface is intact
- Suitable for use on all skin types, including sensitive skin and on children



References

1. Gold MH, et al. *Dermatol Surg*, 2014, *Plast Reconstr Surg*, Vol. 40, pp. 817-24. 2. Mustoe TA, et al. Aug 2002, *Plast Reconstr Surg*, pp. 560-71. 3. Meaume S, et al. Jul-Aug 2014, *Eur J Dermatol*, pp. 435-43. 4. Gallant-Behm CL and Mustoe TA. 2010, *Wound Repair Regen*, pp. 235-44. 5. Suetake T, et al. *Arch Dermatol*, 1998, Vol. 132, pp. 1453-8. 6. Gilman TH. 2003, *Wound Repair Regen*, pp. 235-6. 7. Hoeksema H, et al. 2013, *Burns*, pp. 1437-48. 8. Mustoe, TA. 2008, *Aesthetic Plast Surg*, pp. 82-92. 9. Chernoff WG, et al. Sep-Oct 2007, *Aesthetic Plast Surg*, pp. 495-500. 10. Chan KY, et al. 2005, *Plast Reconstr Surg*, pp. 1013-20. 11. Signorini M and Clementoni MT. 2007, *Aesthetic Plast Surg*, pp. 183-7. 12. Kwon SY, et al. 2014, *J Eur Acad Dermatol Venereol*, pp. 1025-33. 13. van der Wal MB, et al. 2010, *Plast Reconstr Surg*, pp. 524-31. 14. de Giorgi V, et al. 2009, *Clin Exp Dermatol*, pp. 688-93. 15. Karagoz H, et al. 2009, *Burns*, pp. 1097-103. 16. Kim SM, et al. *J Korean Med Sci*, pp. Suppl 3:S249-53. 17. Palmieri B, Gozzi G, Palmieri G. 1995, *Int J Dermatol*, pp. 506-9. 18. Brown CA. 2002, *Occup Ther Int*, pp. 121-30. 19. Seattle Children's Hospital. *Scar Care*. [Online] [Cited: May, 2016.] <http://www.seattle.childrens.org/pdf/PE2043.pdf>.