



Linovera®
Askina® Barrier
Askina® Scar Repair
Linovera® Scar Repair

TAKE THE LEAD
SKIN CARE

Linovera®

Solution of hyperoxygenated fatty acids

INDICATION

- Prevention and treatment of stage I pressure ulcers



HOW TO APPLY

- Spray **Linovera®** 2 - 3 times a day on the affected area and rub in softly to evenly distribute the product until it is fully absorbed

ADVANTAGES

The vegetable extracts – aloe vera and *Centella asiatica* – have major protecting and healing effect on the skin:

- Restores capillary circulation⁽¹⁾
- Stimulates the synthesis of collagen⁽¹⁾
- Has a hydrating and healing effect⁽²⁾

COMPOSITION

- Hyperoxygenated essential fatty acids (linoleic acid)
- Tocopherols
- Aloe Vera
- *Centella asiatica*
- Aroma

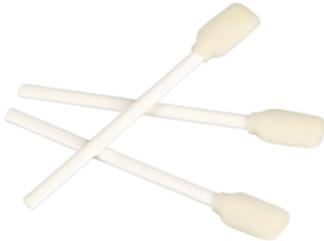


SPECIAL NOTE

- Use in combination with **Askina® Heel** for optimal protection for non broken skin of the heel area against pressure ulcers

Askina® Barrier Film Swab | Askina® Barrier Cream

Breathable skin barrier | Protectant and moisture barrier



Askina® Barrier Film Swab



Askina® Barrier Cream is a white concentrated cream which forms a protective layer when applied to the skin.

INDICATIONS

Askina® Barrier Film Swab is indicated for use on intact or damaged skin and acts as a protective barrier:

- Against irritation from bodily fluids
- For sensitive and fragile skin
- Under adhesive dressings to reduce disruption to newly healing tissue
- For damaged skin
- For skin tears
- To protect periwound and peristomal areas
- For small cuts and tears
- At fixation sites for drainage tubes and external catheters

Askina® Barrier Cream is indicated for use on intact skin and acts as a protectant / moisture barrier:

- Against maceration caused by incontinence or body fluids
- To protect sensitive, fragile and severely dry skin, including periwound areas
- To prevent skin irritation.

HOW TO APPLY



Askina® Barrier Cream

- Dry the skin thoroughly before application
- Spread Askina® Barrier Cream thinly to cover the affected area
- On frequently cleansed skin, daily reapplication may be required

Askina® Scar Repair

Soft silicone dressing for scar management

INDICATIONS⁽⁵⁾

Askina® Scar Repair is indicated for:

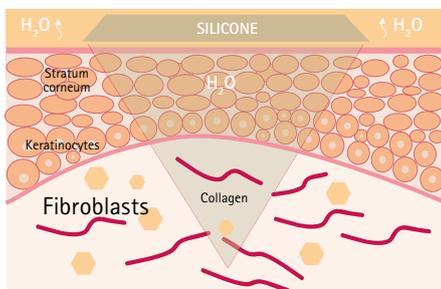
- Management of hypertrophic and keloid scars
- Prevention of hypertrophic or keloid scarring after surgery on closed wounds



ADVANTAGES

The benefits of soft silicone self-adhesive and occlusive sheets such as Askina® Scar Repair are:

- To prevent the formation of excessive scar tissues: proven to be the most efficient non-invasive scar treatment. ⁽³⁾
- To reduce redness, itchiness, feeling of tension. ⁽⁴⁾
- Easy to use:
 - Thin and comfortable,
 - Can be used on various anatomical locations/ on various parts of the body
- Affordable: no need for extra fixation.
- Offers ultraviolet protection. ⁽⁵⁾



HOW DOES IT WORK?

The occlusive properties of Askina® Scar Repair enhance good skin and scar tissue hydration. This in turn influences positively the remodeling process beneath the skin surface and prevents the formation of excessive scar tissue.⁽⁶⁾



Closed surgical wounds



Closed traumatology wounds



Linovera® Scar Repair

Gel with hyaluronic acid for improved scar maturation



INTENDED USE

- To enhance the process of natural scar tissue maturation with good esthetical results

HOW DOES IT WORK?

The properties of **Linovera® Scar Repair**'s components enhance skin hydration, alleviate uncomfortable sensations such as itchiness and tightness, and help to soften and flatten the scar. Early and continuous application once the wound has healed can positively influence the maturation process of the scar tissue and contribute to prevent the formation of hypertrophic and keloid scars.

ADVANTAGES

- Improves hydration
- Reduces itchiness and tissue tightness
- Softens and flattens scars



HOW TO APPLY LINOVERA® SCAR REPAIR

Linovera® Scar Repair should be used over intact skin:

1. Wash the scar and the surrounding skin using a mild soap, rinse and dry,
2. Apply a thin layer of **Linovera® Scar Repair** on the scar,
3. Spread evenly and softly massage to favor absorption.
4. Once the gel is fully absorbed, it is recommended to cover the scar with an **Askina® Scar Repair** dressing to protect the scar. This will maintain its hydration and enhance good maturation.

SPECIAL NOTE

- To achieve optimal results it is recommended to use **Linovera® Scar Repair** day and night, for a minimum period of 3 to 6 months,
- Start using **Linovera® Scar Repair** as soon as the wound is closed,
- Apply on clean and dry skin.



Did you know?



MOISTURE

Overhydration

Causes swelling & disruption of stratum corneum ⁽⁷⁾

After exposure to excessive moisture, the skin becomes damp, soggy and clammy, its permeability can be breached and it is susceptible to physical damage from friction and shearing forces.



ALKALINITY

pH of the skin increases due to urine and faeces ⁽⁸⁾

The increase in the normal acidic pH of the skin (4–6.8) due to the alkalinity of urine and faeces encourages bacterial colonisation.



INCONTINENCE

27% incontinence associated dermatitis ⁽⁹⁾

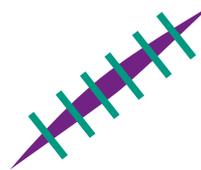
Incontinence-associated dermatitis, a clinical manifestation of moisture-associated skin damage is a common consideration in patients with fecal and/or urinary incontinence.



SCARS

100 million patients develop scars ⁽¹⁰⁾

A total of 100 million patients develop scars in the developed world alone each year as a result of 55 million elective operations and 25 million operations after trauma.



ABNORMAL SCARRING

40% to 70% hypertrophic scarring ⁽¹⁰⁾

Incidence rates of hypertrophic scarring vary from 40% to 70% following surgery depending on the depth of the wound.

Ordering information

PREVENTION

Linovera®	Size	Pcs/Pack	Reference
GB ES PT IT	30 ml	1	467933
Linovera® Oil – Cosmetics			
GB (for non european countries)	50 ml	1	481187

PROTECTION

Askina® Barrier Film Swab	Size	Pcs/Pack	Reference
	1 ml	5	4000105
	1 ml	25	4000125
Askina® Barrier Cream			
Tube	92 g	1	4119201
Askina® Barrier Film			
Spray Bottle	28 ml	1	4002801
Askina® Heel			
surface = 225 cm ²		5	7240105

SCAR MANAGEMENT

Askina® Scar Repair	Size	Pcs/Pack	Reference
	5 x 7,5 cm	5	5695705
	4 x 30 cm	5	5694305
	10 x 18 cm	5	5691805
	2 x 14 cm	3	5691403
Linovera® Scar Repair			
	15g	1	450450

1. Cravotto G. et al. An evaluation of the potential of 1000 plants. *Journal of Clinical Pharmacy and Therapeutics*, 2010 35:1:11–48
2. M. De Pera, Evic Hispania (Barcelona, Spain), Assessment of moisturizing effect in humans, Study report n°05- 0144/1/05.0137, 22 Mar 2005
3. Monstrey S. et al. Updated scar management practical guidelines: Non-invasive and invasive measures. *J Plast Reconstruct Aesthet Surg*. 2014;67:1017–1025
4. Majan JI 2006, Evaluation of a self-adherent soft silicone dressing for the treatment of hypertrophic postoperative scars
5. IFU Askina® Scar Repair
6. Mustoe T. and Gurjala A. The role of the epidermis and the mechanism of action of occlusive dressings in scarring. *Wound Repair Regen*. 2011;19(01):s16–s21
Choi J. et al. Regulation of transforming growth factor B1, platelet-derived growth factor, and basic fibroblast growth factor by silicone gel sheeting in early-stage scarring. *Arch Plast Surg*. 2015;42:20–27
7. D Beecman et al. Proceedings of the Global IAD Expert Panel. Incontinence associated dermatitis: moving prevention forward. *Wounds International* 2015. Available to download from www.woundsinternational.com
8. K Ousey et al. The identification and management of moisture lesions. *Wounds UK*, 2012; Moisture Lesions Supplement. Wounds UK, London
9. All Party Parliamentary Group on Skin. Report on the Enquiry into Skin Diseases in Elderly People. 2000; Associate Parliamentary Group on Skin, London
*Healing process is influenced by many individual factors. It is difficult to predict the result of scarring process.
10. G Gauglitz et al. Hypertrophic Scarring and Keloids: Pathomechanisms and Current and Emerging Treatment Strategies. *Molecular Medicine*, 2011; 17(1-2):113-125

Manufactured by:

B. Braun Hospicare Ltd. | Collooney | Co. Sligo | Ireland

B. Braun Medical SA | Carretera de Terrassa 121 | 08191 Rubi (Barcelona) | Spain

www.bbraun.com/wound-management

This document, its contents, including institutional data, information, trademarks and logos mentioned herein are the exclusive property of B. Braun. Any representation and/or reproduction, total or partial, of this document and its contents without the express prior consent of B. Braun, is strictly prohibited and constitutes an infringement of the intellectual property rights of B. Braun. Non-binding documents and photographs. For healthcare professional use only.