FIERCE AS YOU ARE

REMOVE BARRIERS TO HEALING
WITH WOUND MANAGEMENT BY B. BRAUN
Wound Management is much more than protocols and procedures. Every wound healing success requires discipline, patience and organization.

B.BRAUN is the right partner for those who challenge barriers of wound healing in any sense. By providing a comprehensive range of products, B.BRAUN enables optimal healing for most type of wounds at every phase. B.BRAUN offers more than a single product. It offers a unique combination of technologies to focus on and encompass Wound Infection, Exudate Management and Skin Care. This guide will help you to find the optimal solution towards any wound challenge. «Fierce as you are».

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<td></td>
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</tr>
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<td>Askina® DresSil Sacrum</td>
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</tr>
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<td>Askina® DresSil Heel</td>
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Prevent, protect and repair

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Control and act

Acute and chronic wounds have a tendency to get infected and compromise the normal healing pathway, leading to a greater burden on health systems, long term disabilities and an overall reduction of a patient’s quality of life.

<table>
<thead>
<tr>
<th>WOUNDS</th>
<th>BIOFILM</th>
<th>INFECTION</th>
</tr>
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<tbody>
<tr>
<td>2.2 to 3 million wounds in EU (1)</td>
<td>60% chronic wounds with biofilms (2)</td>
<td>50% of chronic wounds infected (3)</td>
</tr>
</tbody>
</table>

Increased prevalence
The population prevalence of wounds in EU is 3-4/1000 people.

60% of chronic wounds contain biofilm with a role in wound infection.

Half of chronic wounds are estimated to be infected.

PREVENTION AND TREATMENT OF WOUND INFECTION

WOUND INFECTION ESTIMATED COST

2,2 to 3 million wounds in EU (1)

50% of chronic wounds infected (3)

Up to 10 times more cost for complications (6)

Increased prevalence

The population prevalence of wounds in EU is 3-4/1000 people.

Half of chronic wounds are estimated to be infected.

LENGTH OF STAY

3-20 days increase in LOS (SSI) (5)

Surgical Site Infections increase the length of stay in hospitals by 3 to 20 days.

Costs of healing increase as the time to heal is greater and the incidence of complications higher.

BIOFILM

60% of chronic wounds with biofilms (2)

60% of chronic wounds contain biofilm with a role in wound infection.

SURGICAL SITE INFECTIONS

38% of all infections in surgical patients (4)

SSI are considered the most frequent complication in surgical patients.

ESTIMATED COST

Up to 10 times more cost for complications (6)

Costs of healing increase as the time to heal is greater and the incidence of complications higher.


6. G.D. Bennett, C. Dealey and J. Posnett. The cost of pressure ulcers in the UK, Age and Aging, 33, 2004
Prontosan® Wound Irrigation Solution
Prontosan® Wound Gel I Wound Gel X
Wound Bed Preparation Taken Seriously

INDICATIONS

Prontosan® Wound Irrigation Solution and Prontosan® Wound Gel / Gel X are indicated for cleansing and moistening of acute, chronic, infected skin wounds, 1st and 2nd degree burns (also 3rd degree for Prontosan Wound Gel X). They prevent the biofilm formation.

Prontosan® Wound Irrigation Solution is also ideal for moistening encrusted dressings, or bandages prior to removal and for instillation in combination with negative pressure wound therapy.

Prontosan® Gel and Gel X act as an effective barrier to reduce microbial penetration through the dressing and to decontaminate the wound bed between dressing changes.

ADVANTAGES

- Management and prevention of biofilm reformation \(^1\(2\)
- Helps to prevent infections \(^3\)
- Improved patient outcomes, including time to heal \(^4\)
- Well-known substances with low allergenic potential \(^5\)
- Can be used up to 8 weeks after first opening

For large surface area wounds apply a 3-4 mm layer of Prontosan® Wound Gel X and cover with a secondary dressing.

For application in deep or tunneling wounds, wound cavities and difficult to access areas, apply a 3-5 mm layer of Prontosan® Wound Gel and cover with a secondary dressing.

Prontosan® Wound Irrigation Solution may be used to saturate compresses, gauzes or pads for cleansing as needed. Application should be conducted frequently in order to achieve and maintain an visually clean wound.

<table>
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Lit. References:
**Prontosan® Debridement Pad**

**Soft mechanical removal of slough and debris**

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**INDICATIONS**

*Prontosan® Debridement Pad* has been designed to support the Wound Bed Preparation with *Prontosan® Wound Irrigation Solution*. *Prontosan® Debridement Pad* frees the wound from coatings and dead cell residues (debris) and absorbs excess exudates and slough. Intact tissue is spared. *Prontosan® Debridement Pad* produces good results even with scaly and necrotic coatings, if they are subject to prior autolytic treatment.

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**ADVANTAGES**

- Good cleansing and debridement due to microfiber technology. Soft debridement, no tissue irritation.
- Unique droplet shape to allow debridement of cavities and areas difficult to reach.
- Blister packaging to allow safe and aseptic soaking of the pad prior to use.
- Cleansing sheet composed of polyester and polypropylene microfiber supported by a backing layer made from polypropylene.

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**APPLICATION**

The unmarked side of the pad has to be moistened with 15 – 20 ml of *Prontosan® Wound Irrigation Solution*. If local guidelines exist, they have to be followed. Apply gentle pressure, wipe the moistened side over the wound and / or adjacent skin in a circular motion.

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Following debridement, it is advisable to irrigate the wound thoroughly for a second time with *Prontosan® Wound Irrigation Solution* and to continue with standard treatment.

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<table>
<thead>
<tr>
<th>Prontosan® Debridement Pad</th>
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<th>Reference</th>
</tr>
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**Askina® Calgitrol® Ag I Askina® Calgitrol® THIN**

Wound dressings with broad antimicrobial effectiveness (1)

Askina® Calgitrol® patented ionic silver alginate matrix

Same technology, different presentations adapted to wound bed type

---

**INDICATIONS (1)**

*Askina® Calgitrol® Ag, Askina® Calgitrol® THIN, Askina® Calgitrol® Paste* are indicated for the management of exuding, partial to full thickness wounds, stage I–IV pressure sores, venous ulcers, second degree burns and donor sites.

*Askina® Calgitrol® Paste* is ideally suited for the management of tunnel wounds and small sinuses like in diabetic foot (4).

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**ADVANTAGES**

- Broad antimicrobial effectiveness (1)
- Immediate availability of silver ions (2)
- Sustained controlled release to the wound bed during use of the dressing (2)
- Tolerable (3)
- Easy to use, conformable (4)

---

**Askina® Calgitrol® Ag** is a sterile dressing consisting of two layers:

- an absorbent polyurethane foam layer for the absorption of wound exudate
- an ionic silver alginate matrix for broad antimicrobial effectiveness and helps reduce the bacterial load

*Askina® Calgitrol® THIN* is a thin layer of ionic silver alginate matrix. Soft and conformable, it is well adapted for deep and difficult-to-dress wounds.

*Askina® Calgitrol® THIN* is also suitable for cavity wounds.

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**Askina® Calgitrol® Ag**

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**Askina® Calgitrol® THIN**

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<td>20 x 40 cm</td>
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1. Instruction for use: Askina® Calgitrol® Ag, Askina® Calgitrol® THIN, Askina® Calgitrol® Paste.
Askina® Calgitrol® Paste
Paste with broad antimicrobial effectiveness (1)
Askina® Calgitrol® patented ionic silver alginate matrix
Same technology, different presentations adapted to wound bed type

MODE OF ACTIONS

1. Absorption of exudate into the matrix
2. Swelling of the silver alginate matrix and bond dissociation
3. Controlled and sustained delivery of ionic silver

HOW TO APPLY

- Shake the tube/jar prior to use
- Apply a thick layer of the paste to the entire surface
- Completely cover the wound surface. Askina® Calgitrol® Paste is easy to apply and stays in the wound.
- Cover with an appropriate secondary dressing

Moisture absorption through the matrix leads to softening and swelling of the alginate structure, which facilitates controlled and steady state release of ionic silver into the wound.

<table>
<thead>
<tr>
<th>Askina® Calgitrol® Paste</th>
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Treat and care

Managing chronic wounds is very challenging for all hospital and community nurses. There is potential for better patient management and better wound care, such as effective diagnosis, treatment and prevention of wound complications. This can help minimise treatment costs, so there is more time free to care for the patient.

EXUDATE MANAGEMENT

Burdens

1.5 to 2 million wounds in EU (1)

Increasing burden

By 2025, the population of the EU 27 aged 65 and above is expected to increase by 25.5m (13%), compared with an increase of just 1% in the population as a whole.

CHRONIC WOUNDS

Up to 85% leg ulcers treated in community (2)

Community treatment

Any patient with a leg ulcer needs to be holistically assessed by a competent practitioner, usually the nurse, and have a tailored treatment.

PAIN

NURSING TIME

Impact

50% of chronic wounds patients (3)

3% of total health expenditures (5)

Up to 50% of nursing community time (4)

Almost half of nursing time is dedicated to the management of chronic wounds.

Chronic wounds cause pain, loss of function and mobility, depression, distress and anxiety, embarrassment, social isolation and prolonged morbidity.


**Askina® Foam | Askina® Foam Cavity | Askina® Trachea**

**Hydrophilic foam dressings**

### INDICATIONS

**Askina® Foam** is indicated for the management of moderate exuding wounds, partial to full thickness wounds:
- Pressure ulcers
- 1st and 2nd degree burns
- Venous and arterial leg ulcers
- Diabetic foot ulcers

### ADVANTAGES

- Fluid handling characteristics
- Maintain a moist environment

**Askina® Foam** is a two layered non-adherent foam dressing consisting of a soft hydrophilic polyurethane breathable foam layer and a thin, transparent, protective polyurethane film.
- Fluid handling capacity, waterproof and bacteria resistant
- Prevention of skin breakdown
- In case of venous leg ulcers, may be used under compression therapy

**Askina® Foam Cavity** is made of the same foam material as Askina® Foam, without the polyurethane backing. The specific shape, absorption capacity and resistance makes it ideal for dressing deep, highly exuding wounds.
- Deep cavity wounds
- Sinuses
- Wound tunnels

**Askina® Trachea** is a sterile, hydrophilic foam dressing that includes a polyurethane foam wound contact surface with the circular aperture designed to fit neatly around a tracheostomy tube or other drain or stoma.
- Absorbent apertured foam dressing for the stoma created by tracheostomy or for wound drainage sites.

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<th>Askina® Foam</th>
<th>Size</th>
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<tr>
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<td>Askina® Foam Cavity</td>
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<td>Askina® Trachea</td>
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1. Instruction for use: Askina® Foam, Askina® Foam Cavity, Askina® Trachea, Askina® Heel
Askina® Heel

Hydrophilic foam dressings
Anatomically shaped hydrocellular heel dressing

ADVANTAGES

- Ready to use concept
- Innovative anatomical design covering the malleolus
- Pressure reducing foam, helps prevent stage I ulcers
- Good protection against friction and shear stresses

Askina® Heel is an anatomically shaped, two layered, non adherent foam dressing, which includes a securement foam strap and two self adhesive hooks that allow dressing to remain in place even during movement.

- Stage I – IV pressure ulcers
- Surgical incisions
- 1st and 2nd degree burns

HOW TO APPLY

1. Apply self adhesive labels on each side of Askina® Heel
2. Apply the dressing gently on the heel area and fix with the strap
3. Correctly positioned Askina® Heel: the ankle is covered
4. The dressing can be also fixed with a compression stocking

<table>
<thead>
<tr>
<th>Askina® Heel</th>
<th>Size</th>
<th>Pcs/Pack</th>
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<tbody>
<tr>
<td>surface = 225 cm²</td>
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Askina® DresSil
Foam dressings with silicone adhesive

INDICATIONS

Askina® Dressil, Askina® Dressil Border, Askina® Dressil Heel, and Askina® Dressil Sacrum are indicated for the management of moderately exuding, partial to full thickness wounds such as:

- Pressure ulcers
- Venous leg ulcers
- Arterial leg ulcers
- Diabetic foot ulcers
- 1st and 2nd degree burns
- Donor sites
- Skin tears

ADVANTAGES

The silicone adhesive layer provides several advantages:

- Gentle and secure adherence
- Minimized trauma during dressing changes
- Good adaptability on difficult-to-dress areas and skin contours
- Can be cut to shape
- Improves patient comfort

Askina® DresSil is a self adherent foam dressing with soft silicone adhesive on one side and a vapour permeable waterproof film on the other. It combines the absorption capacity of the foam with the soft adhesion of the silicone contact layer.

STRUCTURE OF THE DRESSING

1. Protective polyurethane film • Highly breathable
2. Hydrophilic foam layer • Soft and conformable
3. Silicone adhesive layer • Safe adhesion to the surrounding skin for an atraumatic removal

EXAMPLE OF USE

Askina® DresSil may be used in conjunction with compression therapy

<table>
<thead>
<tr>
<th>Askina® DresSil</th>
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3. Instruction for use: Askina® Dressil, Askina® Dressil Border, Askina® Dressil Heel, Askina® Dressil Sacrum
Askina® DresSil Border
Foam dressings with silicone adhesive
Additional adhesive border for extra security

**ADVANTAGES**

Specially adapted for difficult-to-dress or moving areas (knees, elbows, skin folds)

Askina® DresSil Border has the same structure as Askina® DresSil, with an additional 1.5 cm large adhesive border.

**ADVANTAGES**

- Specifically designed for diabetic foot ulcer
- Shaped island foam
- Suitable for small, deep wounds (diabetic foot ulcers)

**Special note**

- Askina® DresSil Border allows the patient to take a shower

<table>
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<tr>
<th>Askina® DresSil</th>
<th>Size overall dressing</th>
<th>foam island</th>
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Askina® DresSil Sacrum
Foam dressings with silicone adhesive

ADVANTAGES

- Gentle and secure adherence
- Minimized trauma during dressing changes \(^1\)
- Good adaptability on difficult-to-dress areas and skin contours
- Improves patient comfort
- Pressure ulcers
- Skin tears

Askina® DresSil Sacrum coated with silicone all over the foam to allow intimate contact.

SPECIAL NOTE

- Dressing changes will depend entirely upon the state of the wound and the amount of exudate

<table>
<thead>
<tr>
<th>Askina® DresSil</th>
<th>Size overall dressing</th>
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Askina® DresSil Heel
Anatomically shaped foam dressing with silicone adhesive

ADVANTAGES

- Atraumatic dressing removal (1)
- Good absorption capacity
- Soft and conformable
- Self adherent no need for secondary fixation
- Showerproof

Askina® DresSil heel can also be used for preventing pressure ulcers
- Protects the heel and the malleolus

HOW TO POSITION

1. Remove the transparent top liner that is protecting the two “ears”
2. Position the foot on the dressing
3. Cover the ankle with the “ears” of the dressing
4. Remove the transparent lower liner
5. Wrap and cover the heel with the lower part of the dressing

<table>
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<tr>
<th>Askina® DresSil</th>
<th>Size overall dressing</th>
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Prevent, protect and repair

The periwound skin is particularly fragile and although it may appear healthy, periwound problems occur frequently. Clinicians caring for patients with wounds recognise that they have a key role to play in preventing periwound skin disorders that may adversely affect a patient’s quality of life.

SCARS

100 million patients develop scars (4)

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 (4)

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

Linovera®
Solution of hyperoxygenated fatty acids

**INDICATION**
- Prevention and treatment of stage I pressure ulcers

**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

**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

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

<table>
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<table>
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<th>Linovera® Oil – Cosmetics</th>
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<tbody>
<tr>
<td>GB (for non european countries)</td>
<td>50 ml</td>
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<td>481187</td>
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</table>

2. M. De Pera, Evic Hispania (Barcelona, Spain), Assessment of moisturising effect in humans, Study report n°05- 0144/1/05.0137, 22 Mar 2005
Askina® Barrier Film | Askina® Barrier Cream
Breathable skin barrier | Protectant and moisture barrier

Askina® Barrier Film
Askina® Barrier Film is a rapid drying, transparent, breathable skin barrier.

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

INDICATIONS

Askina® Barrier Film 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 Film
- Hold the spray nozzle 10 – 15 cm from the skin, press the spray nozzle and apply a smooth coating of film over the necessary area
- Allow the film to dry for 30 seconds

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

<table>
<thead>
<tr>
<th>Askina® Barrier Film</th>
<th>Size</th>
<th>Pcs/Pack</th>
<th>Reference</th>
</tr>
</thead>
<tbody>
<tr>
<td>Spray Bottle</td>
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<td>4002801</td>
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<tr>
<td>Askina® Barrier Cream</td>
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</table>

SKIN CARE: PREVENT, PROTECT AND REPAIR
Askina® Scar Repair
Soft silicone dressing for scar management

INDICATIONS

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 like Askina® Scar Repair are:
- Prevents the formation of excessive scar tissue proven to be the most efficient non-invasive scar treatment. (4)
- Reduces redness, itching and the feeling of tension.
- Has been designed to smoothen old scars.
- Easy to use:
  - Thin and comfortable,
  - Can be used on various anatomical locations.
- Cost-effective: reusable, without extra fixation.
- Offers ultra-violet protection (5)

HOW DOES IT WORK?

- The occlusive properties of Askina® Scar Repair allow for the maintenance of optimal level of skin hydration.
- This influences positively the remodeling process beneath the skin surface and prevents the formation of excessive scar tissue (6) (7).
DON'T HIDE, MAKE YOUR SCAR LESS VISIBLE

Did you know that there is 50% risk of abnormal scarring (1) for any scar which forms after a surgical intervention?

Did you know that children and young persons are at higher risk of developing hypertrophic scars compared to general population, because of more intense production of collagen? (2)

HYPERTROPHIC, RED, OR KELOID SCAR IS A HUGE BURDEN FOR A PATIENT.

To minimize the risk of abnormal scaring and obtain the best esthetic effect it is important to advise your patient to respect prevention measures from the very start of a remodeling process, as soon as the wound is completely closed. (3)

<table>
<thead>
<tr>
<th>Askina® Scar Repair</th>
<th>Size</th>
<th>Pcs/Pack</th>
<th>Reference</th>
</tr>
</thead>
<tbody>
<tr>
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</tr>
<tr>
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<tr>
<td></td>
<td>2 x 14 cm</td>
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</table>

5. IFU Askina® Scar Repair

*Healing process is influenced by many individual factors. It is difficult to predict the result of scarring process.
Basic range
Additional technologies to support wound healing at every phase
GRANULATION

- Askina® Absorb+
  Superabsorbent

- Askina® Hydro
  Hydrocolloid

- Askina® THINsite
  Dry hydrogel

- Askina® Derm
  Polyurethane film

EPITHELIALIZATION

- Askina® Biofilm
  Transparent Hydrocolloid

- Askina® Transorbent
  Foam with dry hydrogel

- Askina® Biofilm
  Transparent Hydrocolloid

- Askina® Derm
  Polyurethane film

INFECTION

- Askina® Carbosorb
  Charcoal dressing

- Braunovidon®
  Ointment
    Antiseptic
Askina® Gel
Hydrogel wound dressing

INDICATIONS

Askina® Gel provides a moist environment at the wound surface, assists in the debridement and removal of necrotic and other devitalised material from low exuding wounds. Askina® Gel can be used to soften and hydrate necrotic tissue, helping to rehydrate dry granulating wounds.

ADVANTAGES

- Easy one-hand application, from any position
- Remains in place after application
- A special cannula to facilitate application with Askina® Gel 15g
- Clear gel, allows accurate wound assessment

<table>
<thead>
<tr>
<th>Askina® Gel</th>
<th>Size</th>
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<th>Reference</th>
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<td>1</td>
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Askina® Sorb
Highly absorbing alginate dressing

INDICATIONS

Askina® Sorb is a sterile primary wound dressing made of fibers containing 85 % of calcium alginate and 15 % of carboxymethylcellulose (CMC). Askina® Sorb is ideally suited for the management of moderate to heavily exuding wounds such as Pressure ulcers, Venous/Arterial leg ulcers, Diabetic foot ulcers, Trauma wounds, Dermal Lesions.

ADVANTAGES

- Conformable and easy to apply
- High absorption capacity
- Forms a soft gel which can be removed in one piece, without residue
- Vertical absorption process
- No lateral strike through
- Designed for avoiding wound maceration
- Atraumatic dressing removal

<table>
<thead>
<tr>
<th>Askina® Sorb</th>
<th>Size</th>
<th>Pcs/Pack</th>
<th>Reference</th>
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<tr>
<td>Flat Rope</td>
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</table>
Askina® Absorb+
Superabsorbent non-adherent wound dressing

**INDICATIONS**

Askina® Absorb+ is a highly absorbing dressing which can retain and lock large amounts of wound exudate. It is indicated for moderately to heavily exuding wounds such as Pressure ulcers, Venous and arterial leg ulcers, Diabetic foot ulcers, 1st and 2nd degree burns and Traumatic wounds.

<table>
<thead>
<tr>
<th>Askina® Absorb+</th>
<th>Size</th>
<th>Pcs/Pack</th>
<th>Reference</th>
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</tr>
<tr>
<td></td>
<td>20 x 20 cm</td>
<td>5</td>
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</table>

**ADVANTAGES**

- High, long lasting absorption capacity
- High retention (no sponge effect)
- Gradual absorption without “Gel Lock”
- Remains soft and flexible even when saturated
- Low adherent wound contact surface
- No “dry spill” of superabsorbent material

Askina® SilNet
Soft silicone wound contact layer

**INDICATIONS**

Askina® SilNet is indicated for the management of a wide range of wounds, partial to full thickness, such as second degree burns, skin grafts, donor sites, post-operative wounds, skin tears, lacerations, stage I – IV pressure ulcers, venous, arterial and neuropathic ulcers.

<table>
<thead>
<tr>
<th>Askina® SilNet</th>
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<th>Pcs/Pack</th>
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<tr>
<td></td>
<td>20 x 30 cm</td>
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<td>5192305</td>
</tr>
</tbody>
</table>

**ADVANTAGES**

- Non-adherent: protects fragile granulation tissue
- Atraumatic dressing changes (1)
- Soft and conformable
- Allows exudate passing through the dressing
- Either side can face the wound

Askina® Transorbent®
Foam dressing with dry hydrogel layer

**INDICATIONS**

Transorbent® is indicated for Pressure ulcers, Venous and Arterial leg ulcers, Diabetic foot ulcers, 1st and 2nd degree burns and help to prevent skin breakdown.

**STRUCTURE**

1. Thin polyurethane film layer
   Impermeable to liquids and bacteria but vapour permeable.

2. Foam layer
   Provides a means of escape for vapour moisture giving the dressing its comfort, smoothness and conformability.

3. Dry hydrogel layer
   Absorbs wound exudate and preserves a moist healing environment. Excess exudate is evaporated through the foam and backing film.

4. Adhesive layer
   Sticks to the intact and dry surrounding skin but not to the wound surface.

**ADVANTAGES**

- Does not stick to the wound surface
- No maceration or residue
- Can be cut into individually adapted sizes and into shapes

**Askina® Transorbent® Size Pcs/Pack Reference**

<table>
<thead>
<tr>
<th>Size</th>
<th>Pcs/Pack</th>
<th>Reference</th>
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<td>0072790 V</td>
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**Askina® Transorbent® Sacrum Size Pcs/Pack Reference**

<table>
<thead>
<tr>
<th>Size</th>
<th>Pcs/Pack</th>
<th>Reference</th>
</tr>
</thead>
<tbody>
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<td>18 x 20 cm</td>
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<tr>
<td>18 x 20 cm</td>
<td>15 x 16 cm</td>
<td>10</td>
</tr>
</tbody>
</table>

**Askina® Transorbent® Sacrum**

Triangular shape adapted for use on sacral area.

- Safe adhesion of the borders ensures protection of the skin against bodily fluids
- The cushioning effect of the foam layer helps prevent pressure ulcers
Askina® Hydro
Hydrocolloid dressing

INDICATIONS

Askina® Hydro may be used for the management of moderately to heavily exuding, partial to full thickness wounds such as Venous leg ulcers, Arterial ulcers, Pressure ulcers, Burns 1st and 2nd degree, Donor sites and Abrasions.

<table>
<thead>
<tr>
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<tr>
<td></td>
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Askina® Biofilm® Transparent
Transparent hydrocolloid dressing

INDICATIONS

Askina® Biofilm® Transparent is a thin sterile transparent hydrocolloid dressing for moist wound treatment with the capacity to manage low exuding superficial chronic wounds (e.g. pressure ulcers, leg ulcers), superficial acute wounds (1st and 2nd degree burns, abrasions), post operative wounds.

<table>
<thead>
<tr>
<th>Askina® Biofilm® Transparent</th>
<th>Size</th>
<th>Pcs/Pack</th>
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<tbody>
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<tr>
<td></td>
<td>20 x 20 cm</td>
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</table>

ADVANTAGES

- Thin design that fits any body contours
- Transparent, allows visual control of the wound
- Easy to apply
Askina® THINSite
Thin absorbing dressing with dry hydrogel technology

INDICATIONS

Askina® THINSite is a thin sterile multilayered hydrocellular dressing indicated for the management of partial and full thickness wounds, Stage I-IV pressure ulcers, arterial and venous stasis leg ulcers, and to aid in the prevention of skin breakdown.

ADVANTAGES

- Conforms and compensates for difficult anatomical contours
- During patient movement, helps prevent bunching or rolling
- Allows visual inspection of absorbed exudate
- An adhesive layer that bonds to the intact skin but is non-adherent to the wound.

<table>
<thead>
<tr>
<th>Askina® THINSite</th>
<th>Size</th>
<th>Pcs/Pack</th>
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<tbody>
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<tr>
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Askina® Derm
Polyurethane film dressing

INDICATIONS

Askina® Derm is indicated for the treatment of minor burns, donor sites, pressure areas, post-operative wounds, abrasions and lacerations.

Askina® Derm is also used as protection against skin breakdown due to friction or continuous exposure to moisture.

ADVANTAGES

- Maintains a moist environment
- Prevents scab formation
- Easy to apply
- High MVTR film
- Impermeable to liquids and bacteria
- Transparent: allows visual wound inspection

<table>
<thead>
<tr>
<th>Askina® Derm</th>
<th>Size</th>
<th>Pcs/Pack</th>
<th>Reference</th>
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</tr>
<tr>
<td></td>
<td>30 x 20 cm</td>
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<td>F72039</td>
</tr>
</tbody>
</table>

HOW TO APPLY

1. Remove the printed release paper from the adhesive side of the dressing.

2. Place the dressing over the wound site with the tabs on the adhesive side facing toward the wound. Gently apply pressure to the dressing as it attaches to the wound. Slowly peel away the tabs and gently apply the remainder of the dressing to the surrounding dry skin.

3. Once the dressing is secured remove the plastic carrier by peeling the tabs in the direction of the arrows.
Braunovidon® Ointment
Antiseptic skin and wound treatment

INDICATIONS

Braunovidon® Ointment is an antiseptic treatment for damaged skin (e.g. pressure sores, diabetic ulcers), surface wounds/burns and infected dermatosis.

ADVANTAGES

- Spreads easily due to soft fluid consistency
- Liquefies at body temperature
- The greaseless Braunovidon® Ointment formulation is compatible with most wound dressings (except for silver-containing dressings)
- Active against bacteria and fungi (including MRSA)

* The descriptions of the Braunovidon® products have been produced on the basis of their German authorisations as medicinal products. Both the product names and the authorised indications can vary from one country to another. For exact information, the country-specific summary of product characteristics should always be consulted. Mandatory information for advertising see page 58.

Askina® Carbosorb
Charcoal dressing

INDICATIONS

Askina® Carbosorb may be used for the management of exuding, partial/full thickness wounds in particular when infection and/or offensive odour is present.

ADVANTAGES

- Conformable,
- Can be used alone on low exuding malodorous wounds
- Can be combined with other absorbing dressings for moderate to heavily exuding malodorous wounds

<table>
<thead>
<tr>
<th>Braunovidon®</th>
<th>Size</th>
<th>Pcs/Pack</th>
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</tr>
</thead>
<tbody>
<tr>
<td>Ointment</td>
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<td></td>
<td>??</td>
</tr>
<tr>
<td>Tube</td>
<td>20 g</td>
<td>1</td>
<td>?</td>
</tr>
<tr>
<td>Tube</td>
<td>100 g</td>
<td>1</td>
<td>?</td>
</tr>
<tr>
<td>Tube</td>
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<tr>
<td>Pot</td>
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<td>?</td>
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</table>

Ingredients Ointment:
10.0 g povidone-iodine (1.0 g available iodine, active ingredient) per 100 g; macrogol 400, macrogol 4000, purified water; sodium hydrogen carbonate

<table>
<thead>
<tr>
<th>Askina® Carbosorb</th>
<th>Size</th>
<th>Pcs/Pack</th>
<th>Reference</th>
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<tbody>
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* The descriptions of the Askina® Carbosorb products have been produced on the basis of their German authorisations as medicinal products. Both the product names and the authorised indications can vary from one country to another. For exact information, the country-specific summary of product characteristics should always be consulted. Mandatory information for advertising see page 58.
**Askina® Soft** and **Askina® Soft Clear** are indicated for management of post-operative wounds. They combine a non-adherent absorptive pad with a breathable fleece material (Askina® Soft) or a semi-permeable transparent film (Askina® Soft Clear).

### INDICATIONS

**Askina® Soft** and **Askina® Soft Clear** are indicated for management of post-operative wounds. They combine a non-adherent absorptive pad with a breathable fleece material (Askina® Soft) or a semi-permeable transparent film (Askina® Soft Clear).

### ADVANTAGES

- Skin friendly adhesive
- Easy to apply even on difficult locations
- Waterproof barrier and allow visual control

<table>
<thead>
<tr>
<th>Askina® Soft</th>
<th>Size</th>
<th>Pcs/Pack</th>
<th>Reference</th>
</tr>
</thead>
<tbody>
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<table>
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<tr>
<td></td>
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</table>
Askina® Soft I.V. | Askina® Soft Clear I.V.
I.V. cannula fixation dressing

**INDICATIONS**

*Sterile I.V. cannula* fixation dressing, with an integrated non-adherent absorptive pad. Made from soft conformable non-woven materials.
- Skin friendly adhesive
- Slit to wrap around tubing
- Extra pad for cushioning
- Non-adherent absorptive pad

**AVANTAGES**

- Skin friendly adhesive
- Slit to wrap around tubing
- Extra pad for cushioning
- Non-adherent absorptive pad

---

![Askina® Soft I.V.](image1)

**Askina® Soft I.V.**

![Askina® Soft Clear I.V.](image2)

**Askina® Soft Clear I.V.**

- Visual inspection of the puncture area

---

<table>
<thead>
<tr>
<th>Askina® Soft I.V.</th>
<th>Size</th>
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Mandatory information for advertising
According to the authorised product information in Germany

BRAUNOVIDON® OINTMENT /
BRAUNOVIDON® OINTMENT GAUZE

Active ingredient: Povidone-iodine

COMPOSITION

- Braunovidon ointment:
  100 g ointment contain 10 g povidone iodine with a content of 10 % available iodine. Other ingredients:
  macrogol 400, macrogol 4000, purified water, sodium hydrogen carbonate (Braunovidon ointment gauze also contains cotton fabric, white soft paraffin).

- Braunovidon ointment gauze:
  A piece of 7.5 x 10 cm impregnated dressing contains 10.5 g ointment (corresp. to 1.05 g povidone iodine), a piece of 10 x 20 cm impregnated dressing contains 28.0 g ointment (corresp. to 2.8 g povidone iodine).

CONTRAINDICATIONS

- Hypersensitivity to povidone iodine or any of the other ingredients
- Hyperthyroidism or other present thyroid diseases
- Skin disease dermatitis herpetiformis
- Planned or administered radiiodine therapy (until the end of treatment)
- Newborns and infants up to the age of six months.

UNDESIRABLE EFFECTS

- Prolonged treatment can affect the wound healing process and transient pain, burning and feeling hot can occur.
- Very rare: Cutaneous reactions due to hypersensitivity (allergy).
- Very rare: Acute reactions of the immune system (anaphylactic reactions) with the involvement of other organs (e.g. skin, respiratory tract, circulatory system).
- After long-term use of povidone iodine or with treatment of large-scale burns, very rarely disturbance in electrolyte- and serum osmolarity and metabolic acidosis were reported. In this cases renal failure can also occur.
- Patients with thyroid disease should be monitored regularly for thyroid function if Braunovidon is used on a large scale or often, particularly on damaged skin.

Marketing Authorisation Holder
B. Braun Melsungen AG
34209 Melsungen
Germany
(03 / 2011)
## Ordering information

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