



Prontosan® Askina® Calgitrol®

WOUND BED PREPARATION TAKEN SERIOUS

REMOVE BARRIERS TO HEALING

BIOFILMS & WOUND INFECTIONS

A BIOFILM IS A COMPLEX STRUCTURE OF BACTERIA EMBEDDED IN A PROTECTIVE SLIMY MATRIX OF SUGARS AND PROTEINS.



HOW BIOFILMS DELAY WOUND HEALING¹⁷

- Induce a chronic inflammatory response
- Increase level of exudate which in turn perpetuates the biofilm
- Protect the bacteria from antibiotics, antimicrobials as well as host defenses
- Impair migration and proliferation of keratinocytes

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.



90 % of chronic wounds contain biofilm with a role in wound infection.¹



INFECTION

50 % of chronic wounds infected² Half of chronic wounds are estimated to be infected.



PAIN

50 % of chronic wound patients have painful wounds Pain is present in almost half of patients

with chronic wounds.3



NURSING TIME

Up to 50 % of nursing time⁴
Almost half of nursing time is dedicated to the management of chronic wounds.



IMPACT

3 % of total health expenditures⁵ Chronic wounds cause pain, loss of function and mobility, depression, distress and anxiety, embarrassment, social isolation and prolonged morbidity.



ESTIMATED COST

Up to 10 times more cost for complications⁶

Cost of healing increase as the time to heal is prolonged and the incidence of complications is higher.

CLEAN HANDS SAVE LIVES

HAND HYGIENE IS THE FIRST MEASURE TO PREVENT INFECTION

HAND HYGIENE GUIDELINES

When to wash?

- When hands are visibly dirty or soiled with blood or other body fluids.
- After using the toilet.
- If exposure to spore forming pathogens is suspected or confirmed, i.e. Clostridium Difficile.

All other instances, use ABHR for routine decontamination of hands.

of all health careassociated infections (HAI) can be avoided by proper hand hygiene.¹²

WHY SELECT AN ALCOHOL BASED HAND RUB?

- Can be used everywhere.
- Faster than hand washing.
- More effective than washing.
- More gentle to your skin.

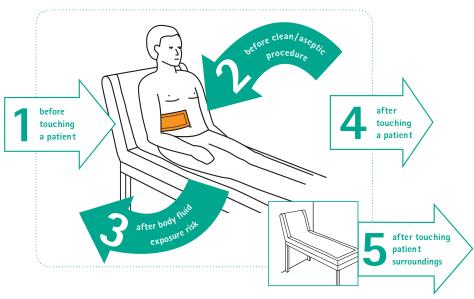
TAKE NOTE:

- Reduce the bacterial load on the patient's skin by decolonization.
- Disinfect surfaces and instruments.

5 MOMENTS FOR HAND HYGIENE IN WOUND CARE

IMMEDIATELY BEFORE: Touching the wound dressing / site

- Before donning gloves
- Before physically examining the wound site, including before taking wound swabs.
- Before removing stiches / clips from post-operative wounds.
- Before preparing the necessary items for changing the wound dressing.
- Before changing the wound dressing.



IMMEDIATELY AFTER: Any task involving potential body fluid exposure

- After removing gloves
- After wound examination / sample collection.
- After removing stiches / clips from post-operative wounds.
- After changing a wound dressing.



Bioscrub

4 % Chlorhexidine Gluconate



ALCOHOL-BASED HAND RUBS

D-Germ

70 % Propyl Alc, 0.5 % CHG and emollient (Passed EN1500/12791/13624/13727)¹⁶

D-Bac

75 % Isopropyl with emollient WHO II Formulation

Softa-Rub

Ethanol 78.1 %, Isopropyl 7.81 % and emollients

Softa-Gel

Ethanol 78.1 %, Isopropyl 3.8 % and emollients

Prontosan® Wound Irrigation Solution Prontosan® Wound Gel I Wound Gel X

WOUND BED PREPARATION TAKEN SERIOUSLY

INDICATIONS

Prontosan® Wound Irrigation Solution is indicated for cleansing and moistening of acute and chronic wounds.

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.

MODE OF ACTION

Unique combination of Betaine: A gentle effective surfactant to penetrate, clean and remove wound debris and biofilm and Polihexanide: Acts as preservative and reduces the risk of infections.

ADVANTAGES

- Management and prevention of biofilm reformation.^{7,8}
- Helps to prevent infections.9
- Improved patient outcomes, including time to heal.¹⁰
- Well-known substances with low allergenic potential.¹¹
- Can be used up to 8 weeks after first opening.
- Compatible with commonly used wound care products.
- Complimentary to Acelity VAC Ulta.



Prontosan® Wound Irrigation Solution may be used to saturate compresses, gauzes or pads for cleansing as needed. Prontosan should be used with every dressing change in order to achieve and maintain a visually clean wound.



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.



For superficial or larger surface area wounds, apply a 3-4 mm layer of the highly viscous **Prontosan® Wound Gel X** and cover with a secondary dressing.

Prontosan® Debridement Pad

SOFT MECHANICAL REMOVAL OF SLOUGH AND DEBRIS

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 exudate 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.

HOW DO MICROFIBERS WORK

Microfibers are able to attach themselves to even the smallest, most microscopic particles, ones that normal monofilament fibers (positively giant in comparison) crudely brush past. If adhesive forces were visible, you would be able to see them between the microfibers and particles. There are millions of microfibers in a pad, so the overall sticking effect is magnified dramatically. That's why cell residues (debris), exudate and slough can be "hoovered" up by microfibers. 15







Microfiber

APPLICATION

Monofilament

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





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.

ADVANTAGES

- Good cleansing and debridement due to microfiber technology.
- Rapid and 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.
- Flexible, thin debridement sheet consisting of a cleansing layer (Polyester / Polypropylene) and an absorbent backing layer (Polypropylene).



Askina® Calgitrol® Range

PATENTED IONIC SILVER ALGINATE MATRIX

INDICATIONS

Infected or critically colonized wounds:

- Pressure ulcers
- Venous and arterial ulcers
- Diabetic foot ulcers
- Second degree burns
- Traumatic wounds
- Donor sites

ADVANTAGES

- 100 % ionic silver, active against a broad spectrum of microorganisms.¹³
- Immediate availability of silver ions.¹⁴
- Sustained controlled release of silver ions during use of the dressing.¹⁴
- Non staining.
- Different presentations adapted to the wound bed based on the same technology.



Askina® Calgitrol® Ag

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

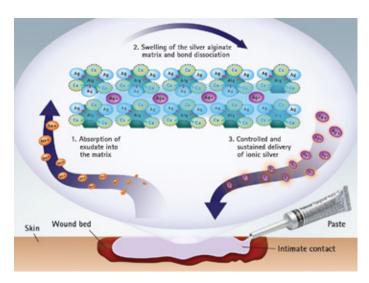
A thin layer of ionic silver alginate matrix. Soft and conformable, it is well adapted for deep and difficult-to-dress wounds.



Askina® Calgitrol® Paste

Its conformability allows an extremely close contact between the active ionic silver alginate matrix and the wound bed, which is particularly valuable in difficult to manage wounds such as tunnels and sinuses.

MODE OF ACTION

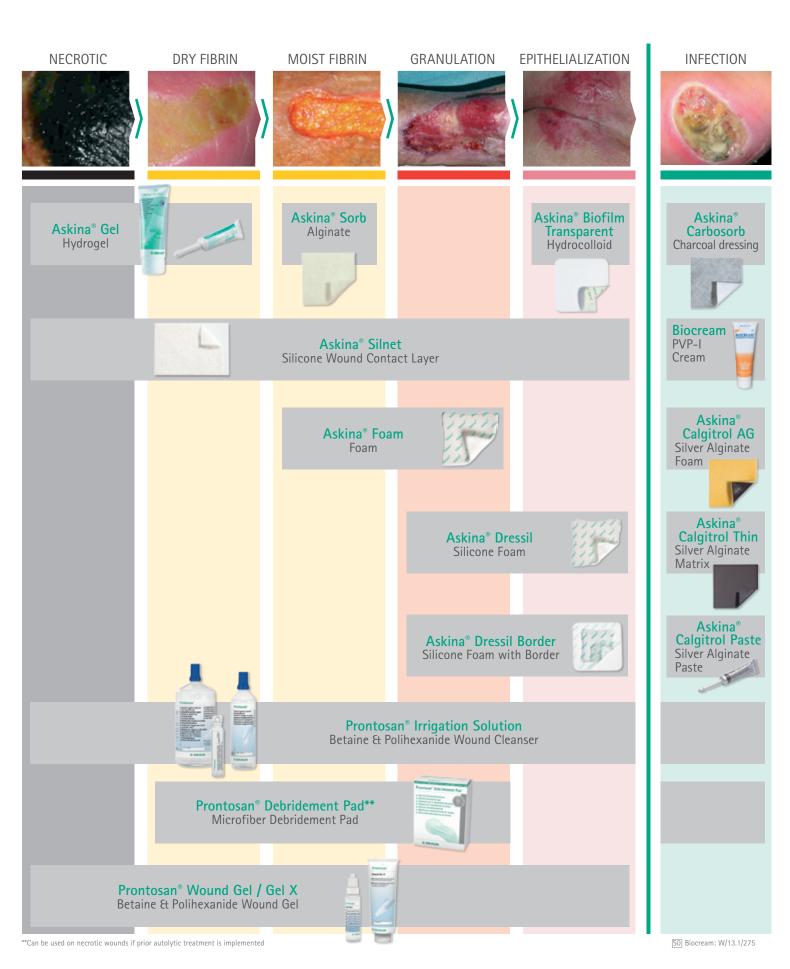


Silver dressings using Calgitrol® technology are ready for use and do not require prior wetting to prime activity.

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

B.Braun Wound Care Products

TECHNOLOGIES TO SUPPORT WOUND HEALING AT EVERY PHASE



Product Co	de Product Description	Size	Nappi Code	Product Code	Product Description	Size	Nappi Code
WOUND	CLEANSERS			ALGINATE			
400484	PRONTOSAN SOLUTION	40 ML	714724-001	2100S	ASKINA SORB	6X6 CM	527463-002
400403	PRONTOSAN SOLUTION	350 ML	716072-001	2101S	ASKINA SORB	10X10 CM	527462-002
400446	PRONTOSAN SOLUTION	1 L	718761-001	2102S	ASKINA SORB	15X15 CM	527465-001
400240A	PRONTOSAN SOLUTION + CAPS/ADAPTOR	10 x (1 L + CAPS)	720609-001	2105S	ASKINA SORB ROPE	2.7X34 CM	527469-001
400565	PRONTOSAN WOUND SPRAY	75 ML	721428-001				
400505	PRONTOSAN WOUND-GEL	30 ML	715025-001	SILVER ALGINATE			
400517	PRONTOSAN WOUND-GEL X	50 GR	718945-001	6201010	ASKINA CALGITROL THIN	10X10 CM	113646-001
400508	PRONTOSAN WOUND-GEL X	250 GR	718945-002	6202010	ASKINA CALGITROL THIN	20X20 CM	113647-001
3908456	PRONTOSAN DEBRIDEMENT PAD	3 / PACK	288951-001	6202403	ASKINA CALGITROL THIN	20X40 CM	139998-002
3908457	PRONTOSAN DEBRIDEMENT PAD	10 / PACK	288951-002	6211010	ASKINA CALGITROL AG	10X10 CM	440944-001
				6211510	ASKINA CALGITROL AG	15X15 CM	440946-001
THIN HY	DROCOLLOID			6212010	ASKINA CALGITROL AG	20X20 CM	440948-001
F72090	ASKINA BIOFILM TRANSPARENT	10X10 CM	415959-001	6241505	ASKINA CALGITROL PASTE	15 GR	169686-001
F72097	ASKINA BIOFILM TRANSPARENT	15X15 CM	415965-001	6241001	ASKINA CALGITROL PASTE	100 GR	230321-001
F72098	ASKINA BIOFILM TRANSPARENT	20X20 CM	415966-001	6242501	ASKINA CALGITROL PASTE	250 GR	274233-001
				6245001	ASKINA CALGITROL PASTE	500 GR	274234-001
HYDROG	EL				ANIAGENAENIT		
001419N	ASKINA GEL	15 GR	415957-001	UDUUK MI	ANAGEMENT		
14291	ASKINA GEL	100 GR	230325-001	9025006	ASKINA CARBOSORB	10X10 CM	646529-001
SILICONE	E WOUND CONTACT LAYER			9025014	ASKINA CARBOSORB	10X20 CM	646530-001
5197510	ASKINA SILNET	10X7.5 CM	113650-001	PVP-IODINE CREAM			
5191810	ASKINA SILNET	10X18 CM	113648-001	DM0501398	BIOCREAM	25 GR	871885-018
5192305	ASKINA SILNET	20X30 CM	113649-001	DM0501398T	BIOCREAM TENDER	25 GR	_
CULOONE				DM0501388	BIOCREAM	500 GR	871885-026
SILICONE				LIAND CDE	: A N A		
5295710	ASKINA DRESSIL	5X7 CM	204195-001	HAND CRE	AIVI		
5291010	ASKINA DRESSIL	10X10 CM	204196-001	18605	TRIXOLIND	100 ML	-
5291210	ASKINA DRESSIL	10X20 CM	204197-001	DDECCINO	TDAVC		
5291510	ASKINA DRESSIL	15X15 CM	204198-001	DRESSING	IRATS		
5292005	ASKINA DRESSIL	20X20 CM	204199-001	BBMZA70101	DRESSING TRAY	SMALL	201573-001
SILICONE	FOAM WITH BORDER			BBMZA70102	DRESSING TRAY	LARGE	201574-001
5396610	ASKINA DRESSIL BORDER	6X6 CM	204179-001	ANTISEPTIC SCRUB			
5397510	ASKINA DRESSIL BORDER	7.5X7.5 CM	204180-001	DM0501296	BIOSCRUB	50 ML	871893-010
5391010	ASKINA DRESSIL BORDER	10X10 CM	204181-001	DM0501297	BIOSCRUB	500 ML	871893-002
5391210	ASKINA DRESSIL BORDER	10X20 CM	230324-001	DM0501297P	BIOSCRUB WITH PUMP	500 ML	715648-001
5391510	ASKINA DRESSIL BORDER	15X15 CM	204182-001				
5392005	ASKINA DRESSIL BORDER	20X20 CM	204185-001	ALCOHOL-	BASED HAND RUBS/GELS		
5395210	ASKINA DRESSIL BORDER	15X20 CM	204183-001	DM0501308P	D-GERM WITH PUMP	500 ML	871907-003
5491605	ASKINA DRESSIL SACRUM	16X17.5 CM	204184-001	DM0501464	D-BAC WITH PUMP	500 ML	555522-003
5492110	ASKINA DRESSIL SACRUM	21X22 CM	230322-002	DM0501472P	SOFTA-RUB WITH PUMP	500 ML	555522-003
5592205	ASKINA DRESSIL HEEL	22X21.6 CM	230323-001	DM0501470P	SOFTA-GEL WITH PUMP	500 ML	555522-003
FOAM			_	SURFACE I	DISINFECTANT		
7240105	ASKINA HEEL	225 CM ²	526956-001	DM0501100	ALCOHOL SURFACE DISINFECTANT	500 ML	555522-003
7240710	ASKINA FOAM	5X7 CM	526958-001	19894	MELISEPTOL WIPES SENSITIVE	100/ FLOW PACK	
7241010	ASKINA FOAM	10X10 CM	440942-001			, - 1911	
7241210	ASKINA FOAM	10X20 CM	440943-001	HIGH-LEVEL DISINFECTANT (INSTRUMENTS/ ENDOSCOPES)			
					•		
7241210	ASKINA FOAM	20X20 CM	526964-001	19812	STABIMED ULTRA	800 G	_

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