



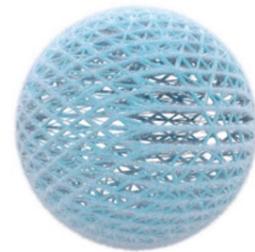
# Askina<sup>®</sup> Calgitrol<sup>®</sup> Ag+

Antimicrobial silver dressing  
combined with reinforced fibers

# Silver dressings

can be a game changer for managing wound infection and promoting wound healing.<sup>1</sup>

Now B. Braun is enlarging its portfolio with Askina® Calgitrol® Ag+, a wound dressing that combines antimicrobial silver with strengthening cellulose fiber to manage wound infection and high exudate.



Carboxymethyl cellulose (CMC) gelling fiber



Strengthening cellulose fiber



Cellulose fiber containing silver nanoparticles

## Benefits

- Promotes wound healing in a moist environment
- High vertical absorption
- Low shrinkage
- Removal in one piece
- Broad antimicrobial spectrum
- Sustained release of ionic silver within the dressing
- Low cytotoxicity profile
- Disrupts and destroys biofilm

## Indications

- All ages
- Moderately to heavily exuding wounds
- Chronic wounds, e.g. leg ulcers, pressure ulcers and diabetic ulcers
- Surgical wounds, e.g. post-operative wounds left to heal by secondary intent and donor sites
- Traumatic wounds, e.g. abrasions and lacerations
- Partial thickness burns



# Dressing designed

to promote high vertical absorption

CMC  
+  
Reinforcing fiber



When applied, Askina® Calgitrol® Ag+ responds by forming a gel on contact with wound exudate.



## Gelling formation

- Traps, locks in and kills the bacteria and microbes away from the wound bed
- Maintains a moist wound environment
- Debris and any bacteria are retained in fiber dressing and removed with dressing change



## High vertical absorption

- No lateral spread of fluid
- Absorbent even under compression of moderately to heavily exuding wounds
- Reduced risk of wound and periwound maceration



## Low shrinkage

- No dead space where bacteria could proliferate
- Size of dressing is maintained during treatment
- Intact removal, especially in cavity or deep wounds
- No residue

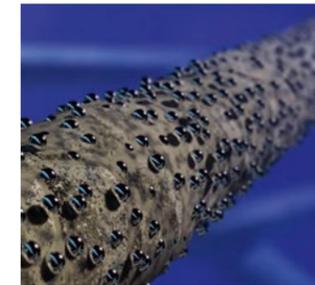


# Encapsulated nanoparticles of ionic silver

for a sustained antimicrobial activity

Askina® Calgitrol® Ag+ contains encapsulated nanoparticles of ionic silver encrusted into the strengthening cellulose fiber. The nanoparticles act as a reservoir of ionic silver and are released gradually in contact with wound fluid to kill bacteria and microorganisms within the dressing.

Ag+



## Broad antimicrobial spectrum

- Effective against most common specimens, including pathogens and gram-positive and gram-negative bacteria such as E. coli and MRSA



## Sustained release of ionic silver within the dressing

- Slower initial burst of ionic silver during the first 24 hours



## Low cytotoxicity profile

- **Only** ionic silver is released, no other silver element



# Ordering information



B.Braun article code (to order)	Reference	Size	Box quantity
SFM6210510	FV00302	5 x 5 cm	10
SFM6211010	FV00303	10 x 10 cm	10
SFM6211510	FV00305	15 x 15 cm	10
SFM6213005	FV00307	20 x 30 cm	5
SFM6214505	FV00306	2 x 45 cm	5
SFM6210410	FV00309	4 x 10 cm	10

## Sources

- 1 May A, Kopecki Z, Carney B, Cowin A. Antimicrobial silver dressings: a review of emerging issues for modern wound care. ANZ J Surg. 2022 Mar;92(3):379-384. doi: 10.1111/ans.17382. Epub 2021 Nov 21. PMID: 34806300.