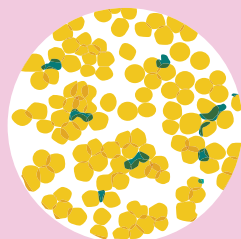
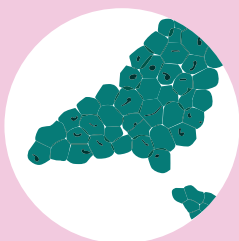
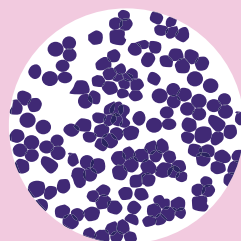



Don't let
your guard
down



GuardIVa™ Antimicrobial Hemostatic IV Dressing



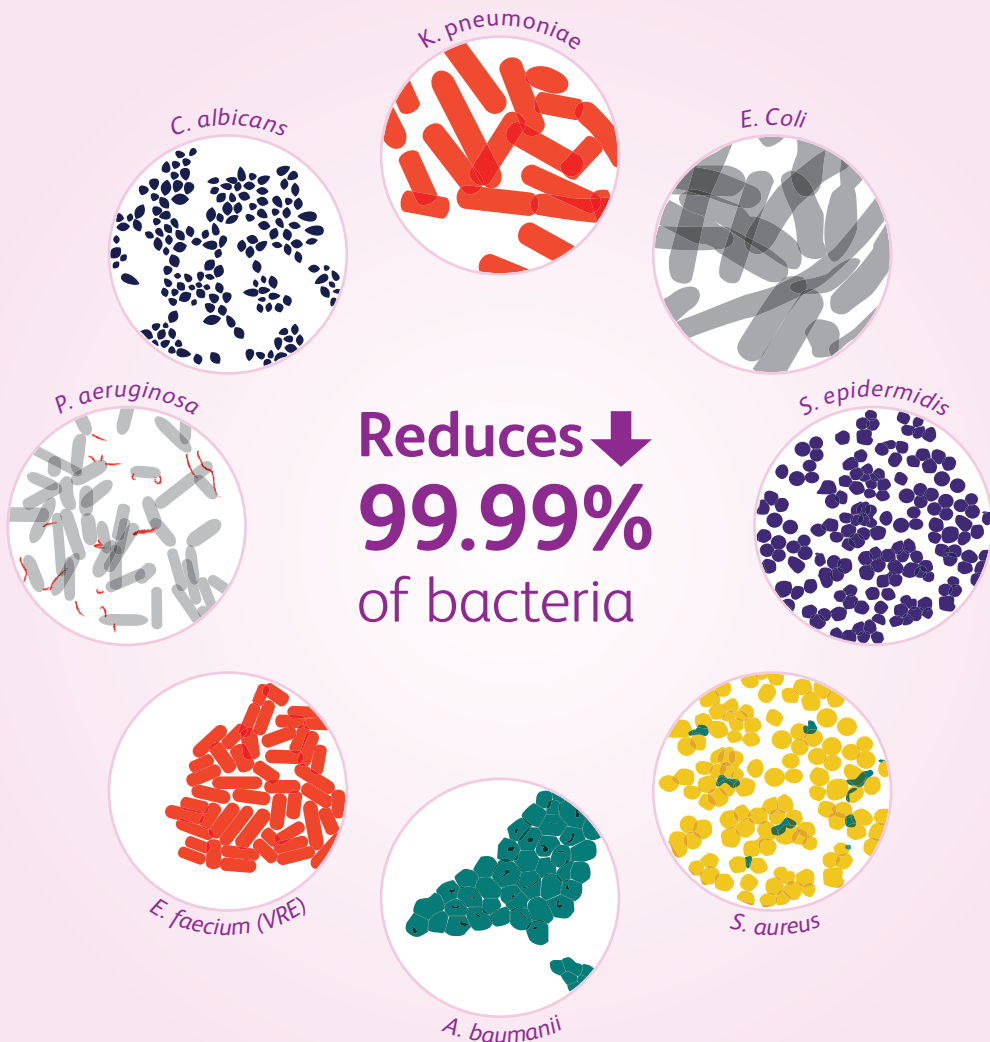


Why settle for
a dressing that
simply reduces
bacteria?

**The GuardIVa™ Dressing not only reduces 99.99%
of bacteria[†], but also controls surface bleeding.[‡]**



INS guidelines also recommend the use of a hemostatic agent to reduce initial site bleeding if other methods fail to reduce the need for unplanned dressing changes after peripherally inserted central catheter (PICC) insertion.²



Reduces ↓
99.99%
 of bacteria

Micro-dispersed oxidized cellulose



Chlorhexidine gluconate

GuardIva™ Antimicrobial Hemostatic IV Dressing

The GuardIva™ Dressing contains chlorhexidine gluconate (CHG) sufficient to reduce bacteria by 4 logs (or 99.99%).[†] What's more, the GuardIva™ Dressing provides hemostasis and antimicrobial protection[†] in the 24 hours after catheter placement and provides up to 7 days of sustained antimicrobial protection within the dressing.

Controls bleeding[‡]

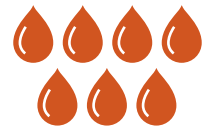
Blood loss reduction

The GuardIVa™ Dressing is an antimicrobial dressing that is also indicated to control surface bleeding at insertion sites. What's more, the GuardIVa™ Dressing provides hemostasis (using M-DOC proprietary compound) as well as antimicrobial protection in the 24 hours after catheter placement. Wounds treated with the GuardIVa™ Dressing had up to **7 times less blood loss** compared to those treated with gauze alone.[‡]

GuardIVa™ Dressing



Gauze dressing



Inhibits bacterial growth[†]

The GuardIVa™ Dressing was tested against 8 microorganisms commonly associated with catheter-related bloodstream infections (CRBSI). It has been shown to reduce these bacteria by 4 logs or 99.99%[†], and has sustained antimicrobial efficacy for up to 7 days.



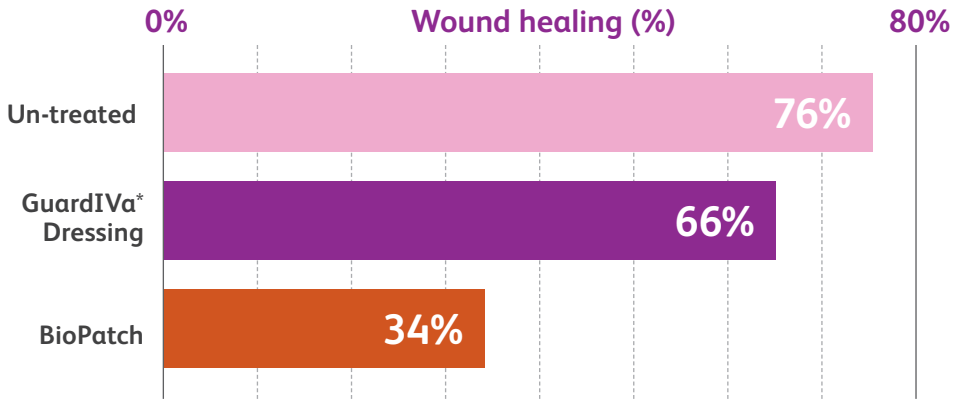
Skin flora re-growth³

	Pre skin prep →	Post skin prep →	7 days
Control dressing**	●	·	●
GuardIVa™ Dressing	●	·	·

Note: The purple dots represent the amount of bacteria on the skin.

Aids in wound healing

An *in vivo* animal dermal wound healing study was conducted to evaluate the effects of the BD GuardIVa™ Antimicrobial Hemostatic IV Dressing and the Johnson & Johnson BioPatch™ protective disk on wound healing. After wound creation, the wound was covered with either a GuardIVa™ dressing, a BioPatch™ dressing, or left untreated as a control. Wound healing percent for the GuardIVa™ dressing, the BioPatch™ dressing and the untreated control was calculated using the reduction in average wound area. Day 7 wound healing results are presented in the table below. The BioPatch™ dressing demonstrated a delay in healing when compared to untreated wounds whereas the GuardIVa™ dressing healed at a more comparable rate to untreated wounds.



Ordering information

GuardIVa™ Dressing			
Code	Disk diameter	Hole diameter	Quantity
FP-22-AD004	1 in. (2.5 cm)	1.5 mm	10/box 10 boxes/case
FP-23-AD008	1 in. (2.5 cm)	4.0 mm	10/box 10 boxes/case
FP-24-AD012	1 in. (2.5 cm)	7.0 mm	10/box 10 boxes/case

The GuardIVa™ Dressing has not been clinically tested for its ability to reduce catheter-related blood stream infections.

GuardIVa™ Antimicrobial Hemostatic IV Dressing indications for use

The GuardIVa™ Antimicrobial Hemostatic IV Dressing is intended for use as a hydrophillic wound dressing to absorb exudate, cover and protect catheter sites. Common applications include IV catheters, other intravenous catheters and percutaneous devices. It is also indicated for control of surface bleeding from percutaneous catheters and vascular access sites.

Precautions

GuardIVa™ Antimicrobial Hemostatic IV Dressing is not intended to treat infection.

Warnings

Do not use the GuardIVa™ Dressing on patients with a known sensitivity to chlorhexidine gluconate. The use of chlorhexidine gluconate containing products has been reported to cause irritation, sensitization and generalized allergic reactions. If any such reactions occur, discontinue use of dressing immediately, and if severe, contact a physician. For external use only. Do not allow this product to contact ears, eyes, mouth or mucous membranes.

Please consult package insert for more detailed safety information and instructions for use.

References and footnotes

1. Centers for Disease Control and Prevention. *2017 Recommendations on use of chlorhexidine-impregnated dressings for prevention of intravascular catheter-related infections: An update to the 2011 guidelines for the prevention of intravascular catheter-related infections from the Centers for Disease Control and Prevention.* Centers for Disease Control and Prevention, National Center for Emerging and Zoonotic Infectious Diseases, Division of Healthcare Quality and Promotion; 2017.
2. Gorski L, Hadaway L, Hagle ME, et al. Infusion Therapy Standards of Practice. *J Infus Nurs.* 2016;39(1S):S82-3
3. National Institute of Health, Prague, Czech Republic. *Suppression of Skin Microflora Re-growth by GuardIVa™. A Prospective Study in Healthy Volunteers Examining Skin Antisepsis.* Centre for Laboratory Activities in Public Health Protection and Promotion, National Reference Laboratory for Disinfection and Sterilization.

† As demonstrated through *in vitro* testing.

‡ As demonstrated through *in vivo* testing.

* Simulated testing may not be indicative of actual clinical outcomes.

** Foam discs without CHG

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