SilvaSorb Site
Targeted antimicrobial protection

Ionic silver percutaneous site protection. The difference is clear.
A dressing that helps fight infection at pin, port & catheter sites.

SilvaSorb® Site dressings can help reduce the risk of infection at I.V. insertion sites and other indwelling percutaneous devices. Advanced technology provides controlled, sustained-release of antimicrobial ionic silver, killing infection-causing bacteria, yeast and fungi for up to seven days without harming tissue cells.

SilvaSorb dressings have been shown to reduce bacterial counts by 99.99% within 2 hours (data on file), even on intact skin as silver release is induced by moisture transpired by the skin.

Infection statistics:

According to the Centers for Disease Control and Prevention (CDC), an estimated 250,000 cases of bloodstream infections associated with central venous catheters occur each year in U.S. hospitals. These infections add approximately $25,000 in patient care costs per episode. And, the mortality associated with these infections is 18% or 45,000 deaths per year. (CDC, Guidelines for the Prevention of Intravascular Catheter-Related Infections, Recommendations and Reports, Morbidity and Mortality Weekly Report, August 9, 2002, Vol. 51, No. RR-10)
**A snug fit means less room for bacteria to enter**

The SilvaSorb Site dressing is available in two sizes. The one-inch circular pad with a 4-mm center saddle and a radial slit allows full contact between the dressing and the indwelling device, with little to no gap where bacteria could easily enter. The 1.75” circular pad with starburst and radial slit accommodates larger devices such as ports, gastrostomy tubes or large bore needles.

**Partial contact vs. complete coverage**

While other site dressings may leave gaps that can serve as potential entry points for bacteria, the SilvaSorb Site is designed to reduce this vulnerability.

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**Important features and benefits of SilvaSorb Site dressings**

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<thead>
<tr>
<th>Feature</th>
<th>Benefit</th>
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<tbody>
<tr>
<td>Sustained release of ionic silver</td>
<td>Broad-spectrum antimicrobial protection for up to 7 days(^1)(^2)</td>
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<td>Self-activating, self-regulating</td>
<td>Requires no wetting or re-wetting to activate,(^2) reduces skin bioburden without wetting</td>
</tr>
<tr>
<td>Full-contact saddle &amp; starburst design</td>
<td>Eliminates gaps; helps keep bacteria out</td>
</tr>
<tr>
<td>Thin, flexible material</td>
<td>Lies flat for a comfortable, secure fit</td>
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<tr>
<td>Translucent</td>
<td>Easy to monitor insertion site</td>
</tr>
<tr>
<td>Non-staining</td>
<td>No discoloration of site to interfere with assessment</td>
</tr>
<tr>
<td>Super-absorbent, polyacrylate</td>
<td>Maintains optimal moisture balance(^1)</td>
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<tr>
<td>Non-adherent</td>
<td>Pain-free removal</td>
</tr>
<tr>
<td>Non-toxic, non-irritating, non-sensitizing</td>
<td>Improved patient safety and comfort(^1)</td>
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<tr>
<td>Contains no CHG</td>
<td>Less chance for irritation</td>
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**How do SilvaSorb Site dressings compare to other insertion site dressings?**

**Antimicrobial ingredients.** SilvaSorb Site utilizes ionic silver, a proven antimicrobial agent\(^7\) that is non-irritating. Some dressings use chlorhexidine gluconate (CHG) to kill bacteria. This is a common antiseptic that can cause hypersensitivity reactions and has not been proven safe for use on children.\(^3\)\(^4\)\(^5\)

**Material.** SilvaSorb Site dressing is made of a thin, flexible, translucent, hydrophilic material that allows for visualization and monitoring of the insertion site. It lies flat and conforms to the site for greater comfort and a secure fit. By contrast, other dressings are made of thick, opaque foam that are bulky and do not allow site monitoring.

**Design.** SilvaSorb Site dressings have a unique “saddle design” that provides complete contact at the insertion site. The physical design combined with the antimicrobial activity reduces the risk of bacteria migrating into the site. Other insertion site dressings have a simple hole in the middle, which can create a gap between the dressing and the catheter or other device.
Use Sureview I.V. dressings to cover and secure your SilvaSorb Site dressing.

Where can I use SilvaSorb Site dressings?

Use SilvaSorb Site dressings with the following devices:

Vascular devices

- I.V. catheters
- Peripheral catheters
- PICC lines
- Central venous (CV) lines
- Arterial catheters
- Dialysis catheters
- Other indwelling catheters

Non-vascular percutaneous devices

- Peritoneal dialysis catheters
- Epidural catheters
- Chest tubes
- Gastrostomy feeding tubes
- External fixator pins

Clinical use of SilvaSorb Site

Use on burn and pediatric patients:

- Dressing use on 47 adult burn patients proved ease of use, cost-effectiveness, and prevention of local or Catheter Related Bloodstream Infection (CRBSI) in all patients.\(^6\)
- Site dressing use on 14 pediatric patients showed ease of use, lack of local reactions, and zero incidence of local or systemic infection.\(^8\)

Ordering information

<table>
<thead>
<tr>
<th>Item No.</th>
<th>Description</th>
<th>HCPCS</th>
<th>Pkg.</th>
</tr>
</thead>
<tbody>
<tr>
<td>MSC9310EP</td>
<td>1” disc with 4-mm center saddle and radial slit</td>
<td>A6242</td>
<td>30/cs</td>
</tr>
</tbody>
</table>

For larger devices (5-13 mm) such as gastric feeding tubes:

<table>
<thead>
<tr>
<th>Item No.</th>
<th>Description</th>
<th>HCPCS</th>
<th>Pkg.</th>
</tr>
</thead>
<tbody>
<tr>
<td>MSC9320EP</td>
<td>1 3/4” disc with center hole</td>
<td>A6242</td>
<td>30/cs</td>
</tr>
</tbody>
</table>

How easy is it to use?

Application is quick and simple:

- Wrap dressing around insertion site
- Overlap the sides around the insertion device or catheter hub
- Cover and secure with transparent film (such as Sureview™ I.V. dressings)
- Remove every 7 days (more often if heavy exudate is present)
Gentle effectiveness within a reasonable time

Quantitative recovery measurements on microorganisms using the AATCC-100 method shows that SilvaSorb Site demonstrates similar effectiveness (log reduction) as the CHG containing site dressing within hours of contact with the test microorganisms. This performance is also similar or better than the other silver-based site during testing.7

References
1. Internal Report on File.

To learn more about SilvaSorb antimicrobial dressings, including SilvaSorb Sheets, SilvaSorb Cavity, and SilvaSorb Gel, ask your Medline representative for a copy of our full-line brochure.

Or, visit our website: www.medline.com/woundcare