Your First Line of Defense

- Promotes rapid hemostasis
- Provides a barrier to bacterial penetration
- Can potentially reduce bleeding complications
- Indicated for all indwelling catheters (arterial or venous) and ortho pins

For superior performance in protecting vascular puncture sites, look no further than the Sur-Guard™ topical pad. The proprietary polyprolate™ formula of the Sur-Guard™ pad promotes hemostasis and provides a 6-day antimicrobial barrier that protects against the most common clinical setting infections.

Because Sur-Guard™ is highly absorbable, it is ideal for use with IV and dialysis catheters, PICC lines, central venous lines, arterial catheters and all other in-dwelling catheters. Patients will also benefit from the pad’s hemostatic effectiveness, high absorbency and water soluble properties.
Protects Against Microbes

Antimicrobial Barrier Test Results Summary for Clo-Sur PLUS P.A.D.™

Results from the Antimicrobial Barrier Test demonstrate the Clo-Sur PLUS P.A.D. product is an effective antimicrobial barrier up to six (6) days.

### Quantitative Test

<table>
<thead>
<tr>
<th>Organism’s Name</th>
<th>Percent (%) Reduction</th>
<th>Log Reduction</th>
</tr>
</thead>
<tbody>
<tr>
<td>Aspergillus</td>
<td>97.00%</td>
<td>1.5</td>
</tr>
<tr>
<td>Bacillus cereus (ATCC 14579)</td>
<td>&gt; 99.99%</td>
<td>&gt; 4.1</td>
</tr>
<tr>
<td>Candida albicans (ATCC # 10231)</td>
<td>99.95%</td>
<td>3.3</td>
</tr>
<tr>
<td>Enterococcus faceium (ATCC 700221)</td>
<td>&gt; 99.99%</td>
<td>&gt; 4.2</td>
</tr>
<tr>
<td>Escherichia coli (ATCC 8739)</td>
<td>&gt; 99.99%</td>
<td>&gt; 4.4</td>
</tr>
<tr>
<td>Pseudomonas aeruginosa (ATCC 9027)</td>
<td>99.99%</td>
<td>3.9</td>
</tr>
<tr>
<td>Staphylococcus aureus (ATCC 6538)</td>
<td>&gt; 99.99%</td>
<td>&gt; 4.4</td>
</tr>
<tr>
<td>Streptococcus pyogenes (ATCC 19615)</td>
<td>&gt; 99.99%</td>
<td>&gt; 4.4</td>
</tr>
</tbody>
</table>

### Qualitative Test

<table>
<thead>
<tr>
<th>Organism’s Name</th>
<th>Results after 6 Days Incubation</th>
</tr>
</thead>
<tbody>
<tr>
<td>Aspergillus brasiliensis (ATCC 16404)</td>
<td>No - Growth</td>
</tr>
<tr>
<td>Bacillus cereus (ATCC 14579)</td>
<td>No - Growth</td>
</tr>
<tr>
<td>Candida albicans (ATCC # 10231)</td>
<td>No - Growth</td>
</tr>
<tr>
<td>Escherichia coli (ATCC 8739)</td>
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<td>Streptococcus pyogenes (ATCC 19615)</td>
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</tr>
</tbody>
</table>

*Data on File

“Sur-Guard™ Can potentially reduce the number of required dressing changes.”

Contact Spartan Medical at spartanmedspine.com to learn more.