BIOPATCH® Protective Disk with CHG is the ONLY IV dressing with CHG PROVEN in multiple, randomized controlled trials to reduce the incidence of catheter-related bloodstream infections (CRBSIs).
Regardless of the type of vascular access device used within hours of thorough antiseptic application, resident bacteria quickly re-colonize the skin surface. 

Rates of CRBSI Per 1,000 Catheter Days

<table>
<thead>
<tr>
<th>Catheter Type (No of Studies)</th>
<th>PICC (15)</th>
<th>Dialysis cuffed (16)</th>
<th>CVC non-cuffed/CHG-SS coated (16)</th>
<th>Arterial (14)</th>
<th>CVC non-cuffed/non-medicated (16)</th>
<th>Dialysis non-cuffed (16)</th>
</tr>
</thead>
<tbody>
<tr>
<td>PICC</td>
<td>0.5</td>
<td></td>
<td></td>
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<td></td>
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</tr>
<tr>
<td>Dialysis cuffed</td>
<td>1.1</td>
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<tr>
<td>CVC non-cuffed/CHG-SS coated</td>
<td>1.6</td>
<td></td>
<td></td>
<td></td>
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</tr>
<tr>
<td>Arterial</td>
<td>1.7</td>
<td></td>
<td></td>
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</tr>
<tr>
<td>CVC non-cuffed/non-medicated</td>
<td>2.7</td>
<td></td>
<td></td>
<td></td>
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<td>4.8</td>
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<tr>
<td>Dialysis non-cuffed</td>
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</tbody>
</table>

Inherent Risks of Blood Stream Access
Entry Points for Exogenous Contamination of Vascular Devices

Pre-Prep | Post-Prep | Day 1 – Day 2 | Days 3 – 7: Return to the pre-prep environment

Patients need to be protected from their own skin’s microflora.

The Experts Say

<table>
<thead>
<tr>
<th>Organization</th>
<th>Statement</th>
</tr>
</thead>
<tbody>
<tr>
<td>The Joint Commission</td>
<td>NPSG.07.04.01 Implement evidence-based practices to prevent central line-associated bloodstream infections.</td>
</tr>
</tbody>
</table>
| Centers for Disease Control           | Use a chlorhexidine-impregnated sponge dressing if the rate of infection is not decreasing despite adherence to other strategies. Category 1B = Strongly Recommended.
| Infusion Nurses Society               | The use of a chlorhexidine-impregnated sponge dressing with short-term CVADs should be considered in patients older than 2 months of age as an additional catheter-related bloodstream infection (CR-BSI) prevention measure. 2H-13 (I). |
| American Association of Critical-Care Nurses | Apply chlorhexidine-impregnated sponge dressing to site. Decreases the risk of bacterial growth at the insertion site.

BIOPATCH Disk was the product used in all CHG dressing studies referenced.
Why BIOPATCH Disk?

BIOPATCH Disk has a cleared indication to reduce the incidence of CRBSIs, local infections and skin colonization in patients with central venous and arterial catheters.12

BIOPATCH Disk Indication For Use

BIOPATCH Disk containing Chlorhexidine Gluconate is intended for use as a hydrophilic wound dressing that is used to absorb exudate and to cover a wound caused by the use of vascular and non-vascular percutaneous medical devices such as: IV catheters, central venous lines, arterial catheters, dialysis catheters, peripherally inserted coronary catheters, mid-line catheters, drains, chest tubes, externally placed orthopedic pins, and epidural catheters. It is also intended to reduce local infections, catheter-related blood stream infections (CRBSI), and skin colonization of microorganisms commonly related to CRBSI, in patients with central venous or arterial catheters.12

Clinical evidence hierarchy for BIOPATCH Disk

LEVEL I
- Systematic Reviews and Meta-analyses
- Randomized Clinical Trials

LEVEL II
- Cohort Studies
- Case Control Studies
- Case Series
- Case Reports

LEVEL III
- Ideas, Editorials, Opinions
- Animal Research
- In Vitro (Test Tube) Research

Only BIOPATCH Disk has over 15 years of extensive clinical experience with more than:

- 14 Randomized Controlled Trials
- 12 Level II forms of evidence
- 5 Level III forms of evidence.

Clinical evidence hierarchy for BIOPATCH Disk

BIOPATCH Disk extends the post-prep environment for up to 7 days.

With BIOPATCH Disk, post-prep environment extends for up to 7 days.13

Patient Risk of Infection:

- Low
- High

60% reduction in catheter-related bloodstream infections as compared with standard care (P = .026)

44% reduction in local infections as compared with standard care (P ≤ .0001)

In patients with central venous or arterial catheters.

Use with both vascular and nonvascular percutaneous devices

- Central Venous Catheters
- Dialysis Catheters
- Arterial Catheters
- PICC Lines
- Peripheral IVs
- Mid Lines
- Epidural Catheters
- Implanted Venous Ports
- External Fixator Pins
- Drains
BIOPATCH Disk Advantage Customer Programs

A suite of complimentary ETHICON BIOPATCH® Products related services designed to help health care providers address cost reduction, outcomes & patient experience

**Value Proposition:** Customizable Economic Model showing resource utilization, ACA impact, cost savings and more.

**Contracting:** Unique contracting options aligned to customer needs.

**Custom Kits:** Maximize protocol compliance and improve efficiencies by using our custom kit assemblers and/or original equipment partners.

**Clinical Team Support:** Product education, competency training, and point prevalence surveys provided by our clinical nurse team.

**ACA Education:** Learn more about your hospital performance and penalties as it pertains to the Patient Protection Affordable Care Act.

**Peripheral IV Tool Kit:** Comprehensive resources to support the adoption of clinically indicated replacement of PIVs on the most performed invasive procedure in your facility.

**Professional Education:** Customized speaker programs and events leveraging Key Opinion Leaders speaking on relevant healthcare related topics.

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**Order Code**

<table>
<thead>
<tr>
<th>Size</th>
<th>4150</th>
<th>4151</th>
<th>4152</th>
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<tbody>
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<td>1&quot; disc (2.5cm) w/7.0mm center hole</td>
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<th>6-12Fr</th>
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<table>
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<tr>
<th>Common Uses</th>
<th>Central Lines PICC</th>
<th>Peripheral IVs Huber Needles (ports) Arterial Lines</th>
<th>Dialysis Catheters Drains Sheaths Cordis Catheters VAD drive lines</th>
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</thead>
</table>

<table>
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<th>Quantity per Case</th>
<th>10/box</th>
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<tbody>
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<td>4 boxes/case, 40</td>
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**References**


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For complete product details, please see Instructions for Use.