Clinically Preferred Design.
Infection Control
Performance You Can Trust.

MicroClave® Clear
Neutral Displacement Connector

Clinically proven clear needlefree technology
designed to reduce the risk of bacterial contamination and improve patient outcomes.
The Clear Choice to Help You
Visualize Connector Flushing
And Reduce the Risk of Bloodstream Infection

Intravenous (IV) therapy is essential to patient care, but accessing your patient’s bloodstream may increase the risk of infection.

The placement of an indwelling vascular access device may elevate a patient’s risk for bloodstream infection by creating a portal for bacterial entry. As a result, the design of your needlefree intravenous (IV) connectors plays a substantial role in your ability to prevent bacterial ingress and lower the risk of hospital-acquired bloodstream infections (HA-BSIs).

Industry preferred needlefree connector technology that has been chosen by clinicians and infection control professionals more than twice as often as any other.

MicroClave’s proven needlefree IV connector technology can be an important element in your efforts to minimize the risk of bloodstream infections.

MicroClave Clear combines proven Clave® technology with a clear housing to help you visualize connector flushing after blood draws or administration while providing an effective microbial barrier against bacteria transfer and contamination. Ideal for a wide range of clinical applications and patient populations, MicroClave Clear is the optimal facility-wide needlefree IV connector.

Available with a Clear or Blue housing

No Change in Clinical Practice or Technique
By allowing a single protocol to be used with all patient populations, MicroClave minimizes clinical training and in-servicing, while maximizing patient safety.

Use On All Vascular Catheters
MicroClave can be used on all peripheral, arterial, and central venous catheters for blood draws or administration of IV medications.

Visualize Connector Flushing
The clear housing of the MicroClave allows for visualization of the internal fluid path upon flushing the connector.

Help Reduce Risk of Infection
A mechanically and microbiologically closed system provides a safe and effective microbial barrier to help minimize infection risks.

Market-leading Infection Control Technology
Proven to Minimize Bacterial Contamination
MicroClave Clear can help your efforts to reduce infection risks by minimizing entry points for bacteria and maximizing the effectiveness of every flush.

Silicone Seal and Internal Cannula
Specifically designed to minimize contact between the connector’s external surface and the internal fluid path upon luer activation, this proven Clave® technology minimizes entry points for bacteria. Several studies have attributed this feature to a significant reduction in bacterial contaminants passed through the connector.

Split-septum
a preferred design feature for connectors

Straight fluid path
for clearing blood and blood residual with low flush volumes

Minimal residual volume
(also referred to as priming volume) allows for lower flush volumes

Clear housing
permits visual confirmation of flush after use with medications or blood

Available with a
Clear or Blue housing

Clear or Blue housing
Design Patient-Ready Sets Exactly How You Need Them.

Make the most of our clinically preferred needlefree technology with made-to-order custom IV sets with no long-term contracts or minimum order requirements.

Our low-cost, custom IV set program allows facilities to maximize efficiencies by:

› Avoiding burdensome assembly of multiple sets and unnecessary storage of extra components
› Designing patient-ready IV sets by choosing from thousands of clinically proven component options
› Customizing sets with color-coded IV components and accessories to improve IV line management and avoid medication mix-ups

To learn how to put MicroClave to work for you, contact us today by calling 800.824.7890 or by visiting icumed.com/microclave.

Technical Specifications

<table>
<thead>
<tr>
<th>Specification</th>
<th>Value</th>
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<tbody>
<tr>
<td>Residual Volume</td>
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<tr>
<td>Flow Rate at Gravity</td>
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<td>Blood Compatibility</td>
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<td>MRI Compatibility</td>
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<td>High Pressure Compatibility</td>
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Drug Compatibility

<table>
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<tr>
<th>Component</th>
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<tr>
<td>Chlorhexidine</td>
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<td>Chemotherapy</td>
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</tbody>
</table>

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3 Moore C, RN, MBA, CIC. Maintained Low Rate of Catheter-Related bloodstream Infections (CR-BSIs) After Discontinuation of a Luer Access Device (LAD) at an Academic Medical Center. Poster presented at the annual Association for Professionals in Infection Control and Epidemiology (APIC) Conference 2010. Abstract 4-008.  
8 Ryder M, RN, PhD. Bacterial transfer through needleless connectors: Comparison of nine different devices. Poster presented at the Annual Society for Healthcare Epidemiology of America (SHEA) conference 2007.  