

## MicroClave® Neutral Displacement Connector Flush Recommendation

The MicroClave family includes the original Neutral Displacement Connector, the MicroClave Clear, and the Antimicrobial MicroClave. According to the MicroClave directions for use, the device should be *flushed after each use with normal saline or in accordance with facility protocol*. With the exception of eliminating the need for heparin, this specifically means that the currently established protocol for flush volume and frequency can be continued with the MicroClave.\* The MicroClave is a Neutral Displacement Connector, which minimizes blood reflux into the catheter at connection or disconnection of a luer. This feature allows the device to accommodate most known flush protocols including those recommended by clinical organizations such as the Infusion Nurses Society (INS).

ICU Medical recognizes that the most common flush frequency for use with the MicroClave is a Q8 or Q12; however, many users of the MicroClave successfully employ a hospital-based Q24 protocol. ICU Medical does not recommend modifying any flush procedure that has been established to support the vascular access device in use.

If there are further questions or concerns, please visit our website at [www.icumed.com](http://www.icumed.com) or contact the corporate offices at 949-366-2183 or 800-824-7890.

Technical Services  
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\*Heparin is not contraindicated for use with the MicroClave and may continue to be used if that is the facility preference on certain or all vascular access devices.