



RE: MicroCLAVE® Neutral Displacement Connector Flush Procedures

Thank you for your interest in the MicroCLAVE and ICU Medical products. As a medical device manufacturer we cannot recommend specific clinical practice regarding any medical procedure which is ultimately the responsibility of the health care provider. The MicroCLAVE is a neutral displacement connector which minimizes blood reflux upon disconnection of an administration device. The design of the MicroCLAVE is to accommodate most known flush protocols including those recommended by clinical organizations such as the Intravenous Nurses Society (INS). ICU Medical does recognize that many clinical users of the MicroCLAVE practice specific procedures successfully and we therefore acknowledge them as being safe and effective for use with the MicroCLAVE.

It is recommended by ICU Medical to utilize those protocols which have been currently validated within a facility. The exception to this is to employ a saline flush protocol for use with the MicroCLAVE as indicated on the labeling. ICU recommends when employing a saline flush, that a facility maintains their flush volume and frequency rate, with the only modification being the elimination of the heparin component. However, Heparin may safely be used with the MicroCLAVE if it is the facility's protocol to continue the use of Heparin flushes.

Recommendations:

- Flush MicroCLAVE after each use with normal saline or in accordance with facility protocol.

Thank you again for your interest, if there are further questions or concerns please visit our website at www.icumed.com, or contact the corporate offices at 949-366-2183 or 800-824-7890.

Technical Services
ICU Medical, Inc.