

## Neutron<sup>®</sup> Needlefree Catheter Patency Device Clamping Recommendation

The Neutron device is a Neutral Displacement Connector, which is designed to minimize blood reflux at all times including during connection and disconnection of a luer. This feature helps to reduce the risk of thrombotic occlusion that may result from reflux of blood into an intravenous catheter.

Most healthcare facilities require the catheter to be clamped when not in use, in order to prevent the potential for blood loss if there is an accidental disconnect that would expose the catheter hub. However, unlike negative displacement or positive displacement connectors, the Neutron device will function within any clamping protocol—either before or after the male luer is disconnected from the connector. It is therefore recommended by ICU Medical to utilize protocols that have already been validated within the facility, which in turn will reduce the educational burden on clinicians and potential for misuse of the device. As a result of the neutral displacement feature in the Neutron device, the catheter or extension set may be clamped either before or after disconnection of the luer.

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.

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