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human connections

NanoClave® Neutral Displacement Connector Use with Power Injectors

The MicroClave family includes the original Neutral Displacement Connector, the MicroClave Clear, the Antimicrobial MicroClave, and the NanoClave. The MicroClave is FDA cleared {510(k)100576} as a standalone device and, in connection with pressure rated tubing sets, for use in power injector procedures. The devices will tolerate a maximum of 400 psig of room temperature contrast media (Omnipaque™ 300 Injection, GE Healthcare).

The priming volume of the NanoClave is low (.02 mL), and the fluid path is comprised of a straight rigid cannula with an average flow rate of an 18G needle. This results in a non-turbulent flow pattern that presents minimal restriction and very low internal compliance. Actual infusion pressures required to deliver the desired volume of contrast media are typically far less than the maximum 400 psig.

The NanoClave should be flushed after each use in accordance with facility protocol. The NanoClave does not require change-out or replacement after the pressure infusion procedure and has been tested to tolerate multiple pressure infusion procedures.

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
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