Administration and Aspiration of Blood and Blood Components through the Clave® Connector

Various studies have been performed to validate the use of the Clave, including an administration and aspiration study to demonstrate that no significant hemolysis occurs, and a flush analysis to demonstrate that following the travel of blood through the device, the Clave can be flushed clean. Following are the specified reports which have evaluated these attributes:

3. Hemolysis Blood Draw Study for the Clave.

These studies verify that blood and blood components may be safely infused and aspirated through the Clave without the risk of hemolysis. The flush study also demonstrates that the Clave can be effectively flushed and cleaned of blood products after use.

ICU Medical recommends that the Clave be changed in accordance with validated facility protocols. We also recommend flushing the Clave after each use with normal saline or in accordance with facility protocols. The intent of the studies completed by ICU Medical is to provide guidance for the healthcare provider in determining appropriate use protocols. ICU Medical is aware that the majority of facilities using Clave regularly administer or aspirate blood through the device and do not change it after such use. The Clave has also been used in Bone Marrow Transplant and Stem Cell Transplant procedures in medical facilities, including children’s hospitals.

Furthermore, the Clave connector would also be acceptable when used in conjunction with a blood bag spike for blood products. The Clave flow rate is better than an 18-gauge needle and would represent the smallest orifice of which the blood product must pass through when used with a blood bag spike.

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.

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