



**RE: Catheter Clamping Protocol for the CLC2000®**

Thank you for your interest in the CLC2000. This letter is to serve as clarification of the catheter clamping protocol when using the CLC2000. The positive displacement feature of the CLC2000 occurs upon disconnection of the administration set or flush syringe from the injection site of the CLC2000. Clamping the catheter prior to, or during this disconnection procedure will stop the positive displacement of fluid from exiting the catheter. This in turn may cause the white poppet of the injection site to remain depressed as the positive displacement has been trapped inside the CLC2000 reservoir. The CLC2000 is a closed device and will prevent both the leakage of fluid and ingress of air when it is attached to the hub of the catheter, therefore negating the need for a clamp when the CLC2000 is secure.

In our experience those facilities which eliminate the clamping procedure entirely have the most success with the CLC2000. In the typical clinical environment staff is short-handed as well as changes in staff are common. This may lead to a lack of consistency in when to clamp and in those cases where clamping is done incorrectly, the positive effects of the CLC2000 will be negated and catheter occlusion may result.

If however, the facility protocol is to maintain clamped catheters, the catheter may be clamped only after the disconnection procedure from the CLC2000. At this time the positive displacement has exited the catheter and the clamping of the catheter should not affect the performance of the CLC2000.

Thank you again for your interest, 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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