QUICKSTART GUIDE | CLiC DEVICE

CLiC
Powerfully Simple

The CLiC™ device must always be used in conjunction with the clinical assessment and the patient's existing medical history before altering a dialysis treatment.

1. Inspect the blood chamber and its sterile package prior to use. Refer to the blood chamber package label to ensure that the blood chamber sterilization has not expired.
2. Remove the blood chamber from its sterile package and using aseptic technique attach the red connector to the arterial port of the dialyzer. Make certain the connection is tight.
3. Connect the arterial bloodline to the blood chamber. Be careful to not cross-thread the connection. Continue bloodline set-up per manufacturer's instructions.
4. Prime the system per unit procedure.
5. Inspect the blood chamber to ensure it is fully primed with flowing blood and is absent of leakage and/or air bubbles.
6. Attach sensor clip to the blood chamber.

   NOTE: Make sure the sensor clip is properly in place PRIOR to initiating the treatment.
7. Check for proper blood flow in the extracorporeal circuit, including the blood chamber, before starting the patient treatment with the CLiC device.
8. Graphing of the data begins once the CLiC device senses blood and the hematocrit has been stable for 60 seconds with the Tx clock and blood pump running.

   NOTE: Make certain that no air is in the blood chamber after priming. Any air present in the chamber will cause the hematocrit reading to be inaccurate.

HELPFUL HINTS

1. ALWAYS treat the patient first, then utilize the CLiC device.
2. Intervene as necessary to optimize treatment.
3. Use the Markers feature (intervention or symptom) to mark events/changes in treatment (every ten minutes as needed).
4. Perform a plasma refill check as needed or at treatment end; reduce UF rate to 300 ml/hr for ten minutes and assess plasma refill.
5. If no printing or data retrieval is available, consider charting information from the main screen, such as Hct (initial), Hb (initial), Sat (min), Hct (max), and ending BV Change %.
6. Patient monitoring with the CLiC device will end once RTD is zero.

For additional troubleshooting, contact Technical Service at
800-227-2572

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ERROR MESSAGES

Refer to the *2008T Hemodialysis Machine with CLiC Device User's Guide* (P/N 490206) for troubleshooting.

Check cable or press 'Y' to disable Crit-Line	The 2008T hemodialysis machine has not received data from the CLiC device. The Status Box displays the warning message **Crit-Line: No Comm**
Crit-Line disabled	The CLiC device must be verified before it is available for use during treatment.
Crit-Line needs verification	The CLiC device has not been verified within the past 30 days. The Hct/BV graph on the Crit-Line screen will be disabled.
Crit-Line: No Blood	The Tx Clock is running and the CLiC device no longer senses blood in the blood chamber.
Crit-Line: No Comm	The 2008T hemodialysis machine has not received data from the CLiC device.
Crit-Line: Obstruction	Something is blocking the CLiC device's optical sensor.
Crit-Line on Filter?	To verify the CLiC device, the device must be clipped to its verification filter.
Crit-Line: System Error	System error.
Crit-Line Verified	The verification test was successful.
Failed To Print	The CLiC device treatment report was not printed.
Oxygen Saturation Low	The current Oxygen Saturation has dropped below the O_2 Alert Level set on the Crit-Line screen.
Press Confirm to switch to Blood Pressure graph	Press **Escape** to return to O_2 graph The operator has selected the O_2 Sat graph field on the Crit-Line screen; the machine is prompting the operator to choose between displaying the BP graph or the O_2 Sat graph.
Press Confirm to switch to O_2 graph	Press **Escape** to return to BP graph. The operator has selected the BP graph field on the Crit-Line screen; the machine is prompting the operator to choose between displaying the O_2 Sat graph or the BP graph.
Rel. Blood Volume Low	The current blood volume percentage or hematocrit has dropped below the BV Alert Level set on the Crit-Line screen. The UF pump has been turned off.
Verify Failed	The verification test shows that the CLiC device is not ready for use during treatment.

Indication for Use: The CLiC device is used with the 2008T hemodialysis machine to non-invasively measure hematocrit, oxygen saturation and percent change in blood volume. The CLiC device measures hematocrit, percent change in blood volume and oxygen saturation in real time for application in the treatment of dialysis patients with the intended purpose of providing a more effective treatment for both the dialysis patient and the clinician. Based on the data that the monitor provides, the clinician/nurse, under physician direction, intervenes (i.e., increases or decreases the rate at which fluid is removed from the blood) in order to remove the maximum amount of fluid from the dialysis patient without the patient experiencing the common complications of dialysis which include nausea, cramping and vomiting. The CLiC blood chamber is a sterile, single use, disposable, optical cuvette designed for use with the CLiC monitor's sensor clip during acute and chronic hemodialysis therapy to non-invasively measure hematocrit, percent change in blood volume and oxygen saturation. The blood chamber is connected between the arterial bloodline and the dialyzer within the extracorporeal circuit during the hemodialysis treatment. The 2008T hemodialysis machine is indicated for acute and chronic dialysis therapy.

Caution: Federal (US) law restricts these devices to sale by or on the order of a physician.

Note: Read the Instructions for Use for safe and proper use of these devices. For a complete description of hazards, contraindications, side effects and precautions, see full package labeling at www.fmcna.com.

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RENAL TECHNOLOGIES

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