



**NEPHROLOGY PROGRAM  
DEPARTMENT POLICIES AND PROCEDURES**

**Home Dialysis - Section 09 - Peritoneal Dialysis - HDU 9-16  
Use of Entermic Fluid Warming Cabinet for PD Solutions  
No.: 01475 (TOH Standardized Policy Number)**

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**ISSUED BY:**

Home Dialysis Unit Clinical Practice  
Committee

**DATE OF APPROVAL:**

2010/12

**APPROVED BY:**

Program Clinical Director / Division Head

**LAST REVIEW/REVISION DATE:**

2017/02

**CATEGORY:**

Peritoneal Dialysis

**IMPLEMENTATION DATE:**

2010/12

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**PURPOSE**

- To describe use and care of the Entermic fluid warmer for warming PD solutions
- To describe the process for warming PD solutions

**POLICY STATEMENT**

- PD solutions should be warmed prior to infusion for patient comfort
- Solutions must not be left in the warmers more than 7 days
- Solutions are rotated daily to ensure older solutions are moved to top of basket.

**DEFINITION(S): N/A**

**ALERTS: N/A**

**PROCEDURE: Entermic warmer**

1. Press 'on/off' key to turn the warmer on. The green LED at the top of the 'on/off' switch indicates that it is on. Pressing and holding the 'on/off' switch for 2 seconds will turn it off
2. Press the 'Injection' key. The temperature range is 37°- 40° C. The green LED at the top of the 'Injection' key will indicate that the temperature is within this mode. The LED will turn yellow when the Injection set point temperature is being displayed

3. An over temperature alarm is pre-set for 6°C above the temperature setting. The green 'overtemp' indicator will flash green when the warmer is in an over temperature condition and an alarm will sound. Pressing any key will mute the alarm. The 'overtemp' alarm will extinguish and the key will stop blinking when the temperature drops back to set point
4. In the event of a power failure, the warmer retains its setting. The 'on/off' key will flash; the display will indicate the number '128' alternating with the setting, and the control will beep until power failure is acknowledged. When the power has been restored press the 'on/off' key once. If the number indicated is other than '128' take note of the number in case the unit fails to operate properly as this number will be needed to assist in servicing the warmer
5. Clean the unit when soiled using virox wipes. Do not use abrasive cleaning agents, solutions containing chloride or quarternary salts. Clean any spills immediately, rinse and dry
6. Do not overload the units:
  - the EC230 / has a 16-liter capacity;
  - the EC7700 / has a 24-liter per basket capacity.
  - solution bags should not be higher than the side of the drawer basket
7. Dialysate solution should not be stored at elevated temperatures for extended periods. Baxter recommends no longer than 7 days. To facilitate this:
  - Bags are to be placed in the baskets with their outer wrapping intact.
  - Bags are to be dated when put in the warmer.
  - Stock is to be rotated to prevent bags sitting in the warmer for extended periods of time.

**RELATED POLICIES / LEGISLATION: N/A**

**REFERENCES: N/A**

1. Entermics Medical Systems operation and care manual Oct 2009
2. Access Care and Complications Management, 2006 (AL06058)
3. Care of the Adult Patient on Peritoneal Dialysis; Appendix: Clinical Process for Optimal Outcomes, Page 57

**COMMENTS / SIGNIFICANT REVISIONS: N/A**