

 <p style="text-align: center;">DIVISION OF ADULT INSTITUTIONS</p> <p style="text-align: center;">POLICY AND PROCEDURES</p>	DAI Policy #: 500.31.21	Page 1 of 3
	Original Effective Date: 06/26/13	New Effective Date: 06/26/13
	Supersedes: N/A	Dated: N/A
	Administrator's Approval: Jim Schwochert, Administrator	
	Last Reviewed, No Changes: 11/22/16	
Required Posting or Restricted:		
<input checked="" type="checkbox"/> Inmate <input checked="" type="checkbox"/> All Staff <input type="checkbox"/> Restricted		
Chapter: 500 Health Services		
Subject: Warming Method For Dialysate		

POLICY

All Division of Adult Institutions shall ensure dialysate solutions are safely warmed to approximately body temperature prior to patient use.

REFERENCES

Counts, C. (Ed) (2008). Core Curriculum for Nephrology Nursing, Fifth Edition. Pitman, NJ: American Nephrology Nurse's Association

DEFINITIONS, ACRONYMS AND FORMS

CAPD – Continuous Ambulatory Peritoneal Dialysis

PD – Peritoneal Dialysis

PROCEDURE**I. General Guidelines**

- A. Solution that is cold upon fill can cause abdominal cramping or hypothermia. Hypothermia can be demonstrated by a decreased body temperature, chills, acrocyanosis and possible cardiac dysrhythmias. If these symptoms present, interventions may include:
 1. Drain dialysate.
 2. Treat hypothermia.
 3. Continue PD with warm solutions.
 4. Evaluate warming procedure and method of monitoring solution temperature.
 5. Monitor patient closely until temperature returns to normal.
 6. Consult with Nephrology Provider as necessary.
 7. If necessary, notify Emergency Services for transport to Emergency Room.

- B. Dry heating shall be completed by utilizing a heating pad approved for use with dialysate.
 1. The heating pad shall be placed in a cooler.
 2. Dialysate solutions shall be routinely added to the cooler by the patient for heating and replaced as used.

- C. The temperature of the dialysate shall be tepid to the touch or approximately 37 degrees Celsius if measured by thermometer.

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D. A dialysate solution that is too warm may include the following signs and symptoms:

1. Feeling of “hot or burning” in the abdomen.
2. Increased body temperature.
3. Sweating.
4. Flushing.
5. Cardiac dysrhythmias.

E. If signs and symptoms are present, interventions may include but are not limited to:

1. Check pulse rate and rhythm.
2. Drain dialysate.
3. Monitor patient carefully until temperature returns to normal.
4. Evaluate warming procedure and method of monitoring solution temperature.
5. Consult with Nephrology Provider as necessary.
6. Notify Emergency Services for transport to Emergency Room as necessary.

Bureau of Health Services: _____ **Date Signed:** _____
James Greer, Director

_____ **Date Signed:** _____
Ryan Holzmacher, MD, Medical Director

_____ **Date Signed:** _____
Mary Muse, Nursing Director

Administrator’s Approval: _____ **Date Signed:** _____
Jim Schwochert, Administrator

DIVISION OF ADULT INSTITUTIONS FACILITY IMPLEMENTATION PROCEDURES

Facility: Name		
Original Effective Date:	DAI Policy Number: 500.31.21	Page 3 of 3
New Effective Date: 00/00/00	Supersedes Number:	Dated:
Chapter: 500 Health Services		
Subject: Warming Method For Dialysate		
Will Implement <input type="checkbox"/> As written <input type="checkbox"/> With below procedures for facility implementation		
Warden's/Center Superintendent's Approval:		

REFERENCES

DEFINITIONS, ACRONYMS, AND FORMS

FACILITY PROCEDURE

- I.
 - A.
 - B.
 - 1.
 - 2.
 - a.
 - b.
 - c.
 - 3.
 - C.
- II.
- III.

RESPONSIBILITY

- I. Staff
- II. Inmate
- III. Other