Centre for Prehospital Care

PROCEDURE

CATEGORY: Program Specific
ISSUE DATE: May 2015
SUBJECT: HOME DIALYSIS EMERGENCY DISCONNECT

PURPOSE:
To ensure a consistent standardized practice regarding prehospital Emergency Dialysis Disconnect.

PROCEDURE

Special Instructions
- This procedure may only be applied by paramedics certified by Health Sciences North Centre for Prehospital Care (HSN CPC) to perform Home Dialysis Emergency Disconnect.
- Home Dialysis Emergency Disconnect only applies when the patient is unable to disconnect or there is no family member or caregiver available or knowledgeable in dialysis disconnect.

Method
1. For Continuous Ambulatory Peritoneal Dialysis (CAPD)
   A. Close the twist clamp.
   B. Clamp the tubing leading to the fill and drain bags.
   C. Disconnect the patient tubing from the bag tubing.
   D. Apply new mini cap to Transfer set.
   E. Secure patient side tubing and cover with sterile abdominal pad.

2. For Urgent disconnect of CAPD where cutting lines is required
   A. Clamp extension line and patient peritoneal dialysis (PD) catheter (twist or roller clamp).
   B. Clamp both fill and drain lines and then cut between clamps.
   C. DO NOT cut transfer set or PD catheter.
   D. If able, aseptically apply a mini cap to transfer set instead, ensuring catheter is clamped.

3. For Continuous Cycling Peritoneal Dialysis (CCPD) or Automated Peritoneal Dialysis (APD)
   A. Turn the main power switch off at the back of the Cycler.
   B. Close the twist clamp.
   C. Clamp the extension line from the cycler
   D. Disconnect the patient tubing from the machine tubing.
   E. Screw one of the sterile mini caps onto the patient side tubing.
F. Secure patient side tubing and cover with sterile abdominal pad.

4. For Urgent disconnect of CCPD or APD where cutting lines is required
   A. Turn the main power switch off at the back of the Cycler.
   B. Clamp extension line (from cycler), clamp patient PD catheter (twist or roller clamp), then cut between clamps. DO NOT cut transfer set or PD catheter.
   C. If able, aseptically apply a mini cap to transfer set instead, ensuring catheter is clamped.

5. For home hemo-dialysis
   A. Turn main power switch off at the back of the Domus (toggle switch).
   B. Clamp the two (2) clamps on the vascular access tubing (first clamps coming from the patient).
   C. Clamp the 2 clamps on the tubing originating from the Domus.
   D. Disconnect luer lock between the 2 clamps.
   E. If available, apply sterile mini caps to the end of tubing.
   F. Secure the tubing to the patient's arm with tape
   G. Cover/secure with abdominal dressing.

6. For urgent disconnect of home hemo-dialysis where cutting lines is required
   A. Turn main power switch off at the back of the Domus (toggle switch).
   B. Apply clamps to vascular access lines and then cut between clamps.
   C. DO NOT cut central line catheter.
   D. Secure the lines to the patient's arm with tape.
   E. If able, aseptically attach saline filled syringes to fistula extension sets or central line and flush.
   F. If available, apply sterile mini caps to the end of tubing.
   G. Cover/secure with abdominal dressing.

EDUCATION AND TRAINING

Related Documents
Advanced Life Support Patient Care Standards version 3.3
Advanced Life Support Patient Care Standards Companion Document version 3.3
2015 HSN CPC Spring Rounds presentation