ADVANCED RENAL
EDUCATION PROGRAM

PROCEDURE: Fast Peritoneal Equilibration Test

Purpose:
Allows clinical screening of patients with suspected changes in peritoneal membrane function. It is not recommended that this test be used instead of a standard 4 hour PET but as a follow-up in response to clinical change.

Materials Needed:
Transfer set and drain bag
Sterile gauze
Disinfectant
Lab tubes for effluent and blood samples
Prescribed dialysate bag
Syringes and needles for specimen collection
Personal Protective Equipment Recommended:
Gloves, apron, masks and safety glasses or full face shield

NOTE: This test is initiated in the patient's home. The patient drains the peritoneal cavity completely then infuses 2 liters of 2.5% dialysate. The patient must record the time that the test infusion is complete and come to the dialysis clinic 3 hours and 30 minutes after the infusion.

STEP	RATIONALE
1. Wash hands. Put on personal protective equipment.	1. To comply with the infection control policy.
2. Connect the patient to a transfer set and drain the peritoneal cavity. Allow 20 minutes to drain.	2. To obtain effluent sample.
3. Prepare the prescribed dialysate for the next exchange while the patient is draining.	3. To have solution ready for next exchange.

4. Agitate the drained effluent bag. Using aseptic technique, draw a 10 ml effluent sample and place in the lab tube for glucose, creatinine, and urea determinations.	4. Effluent sample required to calculate Dialysate / Plasma (D/P) ratios.
5. Draw a blood sample at time 4 hours and place in lab tube for glucose, creatinine, and urea determinations.	5. Blood sample required to calculate D/P ratio.
6. Record effluent drain volume and dispose of effluent according to unit policy.	6. To comply with unit infection control policy.