

Instructional Strategy

Angie Newman

Franklin University

IDPT 610

Dr. Wu

June 26, 2011

Component	Design
Performance objective sequence and clusters	Four units (each column below) with objectives clustered by the unit and sequenced within and across the lesson. Allow approximately one hour for each unit.

1	2	3	4
Pretest over main steps 1.0-9.0	Watch the In-service Training Video by Baxter called "Ultrabag Solution Delivery system"	Main step 1.0-9.0 and all related objectives	Posttest over main steps 1.0-9.0

Educational Material			
1	2	3	4
<ul style="list-style-type: none"> • Pretest- (See attachment) 	<ul style="list-style-type: none"> • Watch the training video called "Ultrabag Solution Delivery System" on the Learning Management System (LMS) before attending class. • The video is approximately 20 minutes in length. 	<ul style="list-style-type: none"> • Organizational Development (Corporate Educators) will provide a letter to management teams throughout the organization informing of upcoming class and needs assessment results. (See attachment). • Review needs assessment results with class. (See attachment). • Folder will be given to all RNs in the class. The folder will contain a copy of the policy and procedure, pretest, posttest, a list of supplies needed for exchange, illustration of steps and skills check off list. (See attachment) 	<ul style="list-style-type: none"> • Posttest- (See attachment) • Formative evaluation during class • Evaluation/Attitude Questionnaire (See attachment)

		<p>for skills check off list, & list of supplies needed to perform exchange. No electronic copy of illustration).</p> <ul style="list-style-type: none"> • Watch the training video as a group in class. • Instructors will demonstrate how to perform a peritoneal dialysis exchange. • RNs will return demonstration of completing a peritoneal dialysis exchange. • Instructors will provide immediate feedback and reinforcement. • RNs will have a chance to continue practicing as needed until they feel comfortable. • Unit educator or charge nurse will complete a final check off for the RNs completing an exchange on the nursing unit with a real patient. 	
--	--	--	--

<p>Pre-instructional activities (Entire unit)</p>	<p>Motivation:</p> <ul style="list-style-type: none"> • Organizational Development will be sharing the needs assessment results with the unit managers throughout the organization. Organizational Development Education Specialists will review the revised peritoneal dialysis policy with the learners in class. • Contact hours will be offered at the end of the course for successful completion. <p>Objectives:</p>
--	--

	<ul style="list-style-type: none"> • Learners must watch the video on the LMS that demonstrates how to complete a peritoneal dialysis exchange before attending class. The video is titled “Ultrabag Solution Delivery System”. • A list of all objectives for main steps 1.0-9.0 will be provided. • Upon completion of this course, RNs will provide peritoneal dialysis exchanges following the organization’s policy and procedure. <p>Prerequisite skills:</p> <ul style="list-style-type: none"> • The participants must be licensed registered nurses. • It will be assumed the participants will understand renal failure disease, recognize the importance of treatment options, how to main sterile technique, critical think and know where the supplies are kept on the nursing unit.
Component	Design
Assessment activities (Entire unit)	<p>Pretest: A pretest will be given that includes entry skills. The pretests will be given to the target audience during the instructional development to assist developers in separating skills already mastered from those to be learned. The test will cover all major objectives in the unit. The test will be paper and pencil.</p> <p>Posttest: A posttest will be given only to target learners following the instruction. The test will be paper and pencil. The posttest will be related to these selected main skills.</p> <ol style="list-style-type: none"> 1. Given the supplies, registered nurse will prepare him/herself, patient, and patient’s room correctly. 2. Given the ultrabag system, open, break the blue frangible, and remove the pull ring from the ultrabag system correctly. 3. Given the definition of sterile technique, the registered nurse will keep the end of the ultrabag system sterile. 4. Given a red clamp, the registered nurse will clamp the fill line tubing. 5. Initiating the outflow of peritoneal dialysis, break the green frangible to allow solution to flow. 6. Given an illustration, the registered nurse will place the drain bag in the correct location with the correct side up. 7. Given an illustration, the drain bag will be placed in the correct position to allow drainage the entire process. 8. Without being told, once the solution bag is empty, the registered nurse will close the transfer set. 9. Using the policy, the registered nurse will completely fill the patient with fresh dialysis solution. 10. Using the policy, the red line clamp will be removed from the solution bag tubing. 11. Using the policy, the registered nurse will disconnect the ultrabag system from the patient when the exchange is complete.

	12. Using the policy, the registered nurse will disconnect the ultrabag system, and the minicap will be placed and closed tightly.
Follow through activities	<p>Memory Aid:</p> <ul style="list-style-type: none"> • An illustration of the steps to complete an exchange will be available on the nursing unit. • A copy of the peritoneal dialysis policy and procedure will be readily available in the supply room. <p>Transfer:</p> <ul style="list-style-type: none"> • When performing return demonstration, the registered nurse will be using actual peritoneal dialysis products. • The registered nurse will have a final check off on the skill by the unit educator or charge nurse on a patient when needed and available.
Component	Design
Content presentation and learner participation	<ul style="list-style-type: none"> • Learners will complete the pretest • Learners will watch the video on the LMS that demonstrates how to complete a peritoneal dialysis exchange. • Learners will observe instructors performing a peritoneal dialysis exchange. • Learners will return demonstration with immediate feedback and reinforcement. This will review main steps 1.0-9.0 and all related objectives. • Learners will complete the posttest • The Registered Nurse will demonstrate and recognize the importance of performing a peritoneal dialysis exchange according to OhioHealth's policy and procedure.
Objective	Design
0.0 Watch training video "Ultrabag Solution Delivery System" on the LMS	<p>Content presentation:</p> <p>Content: The video demonstrates performing a peritoneal dialysis exchange.</p> <p>Example:</p> <ol style="list-style-type: none"> 1. RNs will watch the training video at their convenience before attending class. 2. RNs will watch the training video again at the beginning of class as a group and have the opportunity to ask any questions they may have before getting started on the actual demonstration. <p>Learner participation:</p> <p>Practice items: Students will re-watch the video in class as a group and have the opportunity to ask any questions.</p> <p>Feedback:</p>

	<p>1. Students can ask any questions and instructor will answer the questions before starting the actual demonstration.</p>
<p>1.0 Gather supplies</p>	<p>Content presentation: Content: Supplies are located in the supply room on the nursing units. Example: 1. Show the supplies needed to perform an exchange.</p> <p>Learner participation: Practice items: Students can look, touch, and manipulate the supplies. Feedback: 1. Students can state the name and reasons for supplies.</p>
<p>1.1 2 masks, ultrabag solution, 2 red line clamps, minicap, sign for door, and IV pole.</p>	<p>Content presentation: Content: Supplies are shown to participants to ensure accuracy of supplies. Example: 1. Supplies will be shown to check accuracy.</p> <p>Learner participation: Practice items: 1. Participants will gather the appropriate supplies: 2 masks, ultrabag solution, 2 red line clamps, minicap, sign for door, and IV pole. Feedback: 1. Instructor will repeat the needed supplies. 2. Instructor will show the appropriate supplies.</p>
<p>2.0 Prepare self, patient, and room</p>	<p>Content presentation: Content: Explain how to prepare self, patient, and patient's room. Example: 1. Demonstrate how to prepare self, patient and patient's room</p> <p>Learner participation: Practice Items: 1. Participants will demonstrate how to prepare self, patient and patient's room Feedback: 1. Demonstrate how to prepare self, patient and patient's room</p>
<p>2.1 Place the sign on the</p>	<p>Content presentation: Content:</p>

<p>door; wash and dry hands, place mask on self and patient.</p>	<p>Demonstrate washing and drying hands, placing the sign on the door, and placing the mask on self and patient.</p> <p>Example:</p> <ol style="list-style-type: none"> 1. Demonstrate washing and drying hands, placing the sign on the door, and placing the mask on self and patient. <p>Learner participation:</p> <p>Practice Items:</p> <ol style="list-style-type: none"> 1. Participants will demonstrate washing and drying hands, placing the sign on the door, and placing the mask on self and patient. <p>Feedback:</p> <ol style="list-style-type: none"> 1. Demonstrate washing and drying hands, placing the sign on the door, and placing the mask on self and patient.
<p>3.0 Locate patient transfer set</p>	<p>Content presentation:</p> <p>Content: Show participants where to locate the patient transfer set</p> <p>Example:</p> <ol style="list-style-type: none"> 1. Show participants what the patient transfer set looks like <p>Learner participation:</p> <p>Practice Items:</p> <ol style="list-style-type: none"> 1. Participants will locate the patient transfer set <p>Feedback:</p> <ol style="list-style-type: none"> 1. Show participants where to locate the patient transfer set
<p>3.1 Locate patient's transfer set on abdomen</p>	<p>Content presentation:</p> <p>Content: Lift patient's shirt or gown and locate the patient's transfer set.</p> <p>Example:</p> <ol style="list-style-type: none"> 1. See 3.0 <p>Learner participation:</p> <p>Practice Items:</p> <ol style="list-style-type: none"> 1. Participant will lift the patient's shirt or gown and locate the patient's transfer set <p>Feedback:</p> <ol style="list-style-type: none"> 1. Lift patient's shirt or gown and locate the patient's transfer set
<p>4.0 Prepare the ultrabag set up</p>	<p>Content presentation:</p> <p>Content: Prepare the ultrabag set up by opening the package, break the blue frangible, and remove the pull ring from the ultrabag system.</p> <p>Example:</p> <ol style="list-style-type: none"> 1. Open the ultrabag system 2. Break the blue frangible

	<p>3. Remove the pull ring from the ultrabag system</p> <p>Learner participation:</p> <p>Practice Items:</p> <ol style="list-style-type: none"> 1. Learner will return demonstration of opening the ultrabag system package, breaking the blue frangible, and removing the pull ring from the ultrabag system. <p>Feedback:</p> <ol style="list-style-type: none"> 1. Will provide immediate verbal feedback during the return demonstration if needed. Will provide reinforcement when appropriate.
<p>4.3.1 Keep end of tubing sterile</p>	<p>Content presentation:</p> <p>Content: After removing the pull ring and until participant is ready to connect the tubing to the patient's transfer set, the end of tubing must remain sterile.</p> <p>Example:</p> <ol style="list-style-type: none"> 1. While demonstrating to the participants, the instructor will keep end of tubing sterile. <p>Learner participation:</p> <p>Practice Items:</p> <ol style="list-style-type: none"> 1. Learner will keep end of tubing sterile while returning demonstration. <p>Feedback:</p> <ol style="list-style-type: none"> 1. Will provide immediate verbal feedback during the return demonstration if needed. Will provide reinforcement when appropriate.
<p>5.0 Prepare patient</p>	<p>Content presentation:</p> <p>Content: Instructor will follow the steps in the following objectives to prepare the patient for an exchange.</p> <p>Example:</p> <ol style="list-style-type: none"> 1. See the following objectives <p>Learner participation:</p> <p>Practice Items:</p> <ol style="list-style-type: none"> 1. See the following objectives <p>Feedback:</p> <ol style="list-style-type: none"> 1. See the following objectives
<p>5.1 Remove the minicap from the transfer set</p>	<p>Content presentation:</p> <p>Content: The instructor will remove the minicap from the transfer set and discard in the trash while keeping the transfer set sterile.</p>

	<p>Example:</p> <ol style="list-style-type: none"> 1. Demonstrate to participants how to remove the minicap 2. Demonstrate throwing the minicap in the trash 3. Demonstrate keeping the end of the transfer set sterile <p>Learner participation:</p> <p>Practice Items:</p> <ol style="list-style-type: none"> 1. Participant will return demonstration of removing the minicap 2. Return demonstration of throwing the minicap in the trash 3. Return demonstration of keeping the transfer set sterile while throwing the minicap in the trash <p>Feedback:</p> <ol style="list-style-type: none"> 1. Will provide immediate verbal feedback during the return demonstration if needed. Will provide reinforcement when appropriate.
<p>5.2 Connect ultrabag system to transfer set</p>	<p>Content presentation:</p> <p>Content: The instructor will connect the ultrabag system to the transfer set.</p> <p>Example:</p> <ol style="list-style-type: none"> 1. Demonstrate connecting the ultrabag system to the transfer set. <p>Learner participation:</p> <p>Practice Items:</p> <ol style="list-style-type: none"> 1. Participant will show return demonstration of connecting the ultrabag system to the patient's transfer set <p>Feedback:</p> <ol style="list-style-type: none"> 1. Will provide immediate verbal feedback during the return demonstration if needed. Will provide reinforcement when appropriate.
<p>5.3 Clamp the fill line tubing with red clamp</p>	<p>Content presentation:</p> <p>Content: Using a red clamp, clamp the fill line tubing which is the tubing going to the solution bag.</p> <p>Example:</p> <ol style="list-style-type: none"> 1. Demonstrate clamping the fill line tubing with red clamp 2. The fill line tubing goes to the solution bag. <p>Learner participation:</p> <p>Practice Items:</p> <ol style="list-style-type: none"> 1. Participant will clamp the fill line tubing with a red clamp. <p>Feedback:</p> <ol style="list-style-type: none"> 1. Will provide immediate verbal feedback during the return demonstration if needed. Will provide reinforcement when appropriate.

<p>5.4 Break green frangible</p>	<p>Content presentation: Content: Break the green frangible Example: 1. Demonstrate breaking the green frangible.</p> <p>Learner participation: Practice Items: 1. Participant will demonstrate how to break the green frangible Feedback: 1. Will provide immediate verbal feedback during the return demonstration if needed. Will provide reinforcement when appropriate.</p>
<p>5.5 Hang solution on IV pole</p>	<p>Content presentation: Content: After connecting the tubing, hang the solution bag on the IV pole. Example: 1. Demonstrate hanging the solution bag on the IV pole.</p> <p>Learner participation: Practice Items: 1. Participant will demonstrate how to hang the solution bag on the IV pole. Feedback: 1. Will provide immediate verbal feedback during the return demonstration if needed. Will provide reinforcement when appropriate.</p>
<p>6.0 Drain patient</p>	<p>Content presentation: Content: Drain the patient Example: 1. Demonstrate how to drain the patient 2. See the following objectives</p> <p>Learner participation: Practice Items: 1. Participants will demonstrate how to drain the patient. Feedback: 1. Will provide immediate verbal feedback during the return demonstration if needed. Will provide reinforcement when appropriate.</p>

<p>6.1 Place the drain bag in drain position</p>	<p>Content presentation: Content: Place the drain bag in the bedside table bottom drawer with the clear side up. Example: <ol style="list-style-type: none"> 1. Instructor will demonstrate placing the drain bag in the bedside table in the bottom drawer with the clear side up. Learner participation: Practice Items: <ol style="list-style-type: none"> 1. Participants will demonstrate placing the drain bag in the bedside table in the bottom drawer with the clear side up. Feedback: <ol style="list-style-type: none"> 1. Will provide immediate verbal feedback during the return demonstration if needed. Will provide reinforcement when appropriate. </p>
<p>6.2 Open patient's transfer set to drain</p>	<p>Content presentation: Content: Open patient's transfer set. It takes approximately 20 minutes to drain. Example: <ol style="list-style-type: none"> 1. Demonstrate opening the patient's transfer set. Instructor will allow the patient to drain for approximately 20 minutes. Learner participation: Practice Items: <ol style="list-style-type: none"> 1. Participant will open the patient's transfer set. 2. Participant will wait approximately 20 minutes for the patient to drain. Feedback: <ol style="list-style-type: none"> 1. Will provide immediate verbal feedback during the return demonstration if needed. Will provide reinforcement when appropriate. </p>
<p>7.0 Drain complete</p>	<p>Content presentation: Content: When draining is complete, see the following objectives. Example: <ol style="list-style-type: none"> 1. When the patient is finished with draining, the instructor will complete the following objectives. Learner participation: Practice Items: <ol style="list-style-type: none"> 1. When draining is finished, the participant will complete the following objectives. Feedback:</p>

	<ol style="list-style-type: none"> 1. Will provide immediate verbal feedback during the return demonstration if needed. Will provide reinforcement when appropriate.
7.1 Observe drainage for color, clarity, stool, and fibrin	<p>Content presentation:</p> <p>Content: Observe the drainage and check the color, clarity, and presence of stool or fibrin.</p> <p>Example:</p> <ol style="list-style-type: none"> 1. When drain is complete, observe the drainage for color, clarity, and presence of stool or fibrin. <p>Learner participation:</p> <p>Practice Items:</p> <ol style="list-style-type: none"> 1. Participant will observe the drainage for color, clarity, and presence of stool or fibrin. <p>Feedback:</p> <ol style="list-style-type: none"> 1. Instructor will question the participant for normal/abnormal findings.
7.2 Close patient's transfer set and clamp drain bag tubing with red clamp.	<p>Content presentation:</p> <p>Content: Once the patient is drained, close the transfers set, and clamp the drain bag tubing with red clamp.</p> <p>Example:</p> <ol style="list-style-type: none"> 1. Demonstrate how to close the patient's transfer set and clamping the drain bag with a red clamp. <p>Learner participation:</p> <p>Practice Items:</p> <ol style="list-style-type: none"> 1. The participant will demonstrate how to close the patient's transfer set and clamp the drain bag tubing with a red clamp. <p>Feedback:</p> <ol style="list-style-type: none"> 1. Will provide immediate verbal feedback during the return demonstration if needed. Will provide reinforcement when appropriate.
8.0 Fill patient	<p>Content presentation:</p> <p>Content: Fill the patient with fresh dialysate solution.</p> <p>Example:</p> <ol style="list-style-type: none"> 1. Demonstrate filling the patient with the following objectives. <p>Learner participation:</p> <p>Practice Items:</p>

	<p>1. Participant will demonstrate filling the patient by the following objectives.</p> <p>Feedback:</p> <p>1. Will provide immediate verbal feedback during the return demonstration if needed. Will provide reinforcement when appropriate.</p>
<p>8.1 Twist open the transfer set</p>	<p>Content presentation:</p> <p>Content: To fill the patient, twist open the patient transfer set.</p> <p>Example:</p> <p>1. Demonstrate how to twist open the patient transfer set.</p> <p>Learner participation:</p> <p>Practice Items:</p> <p>1. Participant will demonstrate twisting the transfer set open.</p> <p>Feedback:</p> <p>1. Will provide immediate verbal feedback during the return demonstration if needed. Will provide reinforcement when appropriate.</p>
<p>8.2 Remove the red line clamp from the solution bag tubing</p>	<p>Content presentation:</p> <p>Content: To fill the patient, remove the red line clamp from the solution bag tubing.</p> <p>Example:</p> <p>1. Demonstrate unclamping the red line clamp from the solution bag tubing.</p> <p>Learner participation:</p> <p>Practice Items:</p> <p>1. Participant will return demonstration of unclamping the red line clamp from the solution bag tubing.</p> <p>Feedback:</p> <p>1. Will provide immediate verbal feedback during the return demonstration if needed. Will provide reinforcement when appropriate.</p>
<p>9.1 When patient is full, close the transfer set</p>	<p>Content presentation:</p> <p>Content: When the solution bag is empty, this indicates the patient is full. At this point, close the transfer set.</p> <p>Example:</p> <p>1. When patient is full, demonstrate closing the transfer set. 2. When the drain bag is empty, explain to participants that the</p>

	<p>patient is full of fresh dialysate solution.</p> <p>Learner participation:</p> <p>Practice Items:</p> <ol style="list-style-type: none"> 1. When the patient is full, participant will close the transfer set. 2. The participant will explain how to determine when the patient is full. <p>Feedback:</p> <ol style="list-style-type: none"> 1. Will provide immediate verbal feedback during the return demonstration if needed. Will provide reinforcement when appropriate.
9.2 Clamp fill line tubing with red clamp	<p>Content presentation:</p> <p>Content: When patient is full, clamp fill line tubing with a red clamp.</p> <p>Example:</p> <ol style="list-style-type: none"> 1. Demonstrate clamping the fill line tubing <p>Learner participation:</p> <p>Practice Items:</p> <ol style="list-style-type: none"> 1. The participant will demonstrate clamping the fill line tubing with a red clamp. <p>Feedback:</p> <ol style="list-style-type: none"> 1. Will provide immediate verbal feedback during the return demonstration if needed. Will provide reinforcement when appropriate.
9.3 Open minicap package	<p>Content presentation:</p> <p>Content: When the exchange is complete, open the minicap package ensuring to keep cap sterile.</p> <p>Example:</p> <ol style="list-style-type: none"> 1. Demonstrate opening the minicap package while keeping the cap sterile. <p>Learner participation:</p> <p>Practice Items:</p> <ol style="list-style-type: none"> 1. Participant will demonstrate opening minicap package and keeping the cap sterile. <p>Feedback:</p> <ol style="list-style-type: none"> 1. Will provide immediate verbal feedback during the return demonstration if needed. Will provide reinforcement when appropriate.
9.4	Content presentation:

<p>Disconnect ultrabag system from transfer set</p>	<p>Content: When the exchange is complete and the minicap package is open, disconnect the ultrabag system from the transfer set.</p> <p>Example:</p> <ol style="list-style-type: none"> 1. Demonstrate disconnecting the ultrabag system from the transfer set. <p>Learner participation:</p> <p>Practice Items:</p> <ol style="list-style-type: none"> 1. Participant will disconnect the ultrabag system from the transfer set. <p>Feedback:</p> <ol style="list-style-type: none"> 1. Will provide immediate verbal feedback during the return demonstration if needed. Will provide reinforcement when appropriate.
<p>9.5 Place minicap on the transfer set and close tightly</p>	<p>Content presentation:</p> <p>Content: Place the minicaps on the end of the transfer set and close tightly.</p> <p>Example:</p> <ol style="list-style-type: none"> 1. Demonstrate placing the minicap on the end of the transfer set and close tightly. <p>Learner participation:</p> <p>Practice Items:</p> <ol style="list-style-type: none"> 1. The participant will demonstrate placing the minicap on the end of the transfer set and closing tightly. <p>Feedback:</p> <ol style="list-style-type: none"> 1. Will provide immediate verbal feedback during the return demonstration if needed. Will provide reinforcement when appropriate.
<p>Component</p>	<p>Design</p>
<p>Student groupings</p>	<ul style="list-style-type: none"> • When students arrive in class, they will again watch the training video as a group. • They will observe the instructor demonstrating the skills as a group. • They will work one on one with the instructor during their return demonstration and practicing of skills. • They will take the pretest and posttest as a group. • They will work one on one on the nursing unit with their educator or charge nurse when completing the final check offs in the patient's room.
<p>Consolidation of</p>	<ul style="list-style-type: none"> • During class, participants will be given folders with peritoneal

media selection and choice of delivery system for main steps	<p>dialysis information, copy of the steps to perform peritoneal dialysis exchanges, and a copy of the policy and procedure.</p> <ul style="list-style-type: none">• The learners will have the capability to review the training video on the LMS at any time.• The pretest and posttest will be paper form.• The evaluation and or attitude questionnaire will be completed on-line through the LMS.• Each nursing unit will have an illustration called “Ultrabag Solution Delivery System” from the supplier, Baxter, to explain the steps on completing an exchange.
---	--

Ultrabag Solution Delivery System

Supplies needed to perform a peritoneal dialysis exchange:

1 Ultrabag system (verify correct dosage and solution):



(Notice the green and blue frangible)

2 Blue or red line clamp (one for fill line tubing and one for drain tubing):



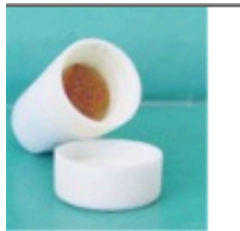
Transfer set (connected to the patient):



Patient transfer set connected to patient:



1 Beta Clamp:



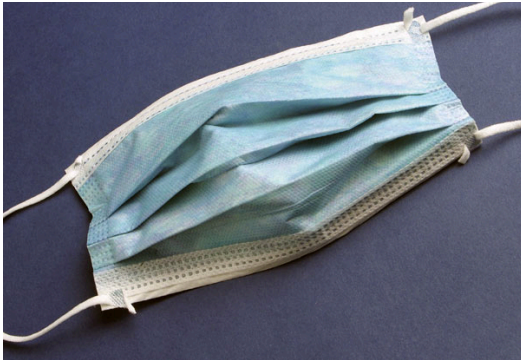
Connecting ultrabag system to the patient transfer set:



1 Set of gloves:



2 Mask (one for self and one for patient):



Sign to hang on the outside of patient's door:

***Performing peritoneal
dialysis.***

Do not come in.

Thank you!

Peritoneal Dialysis Exchange Skills Check-Off

RN Name: _____ Unit: _____
 Facility: _____

Skill/Step	Met	Not Met
Gather supplies		
Prepare self, patient, and room (Attach sign to outside of patient's door, and wash & dry hands, apply masks to self & patient)		
Locate patient transfer set		
Prepare Ultrabag set up		
Open ultrabag system package		
Break blue frangible		
Remove pull ring from ultrabag system while keeping end of tubing sterile		
Prepare patient		
Remove minicap from transfer set while keeping end of transfer set sterile (throw cap in trash)		
Connect ultrabag system to transfer set		
Clamp fill line tubing with red/blue clamp		
Break green frangible		
Hang new solution bag on IV pole		
Drain patient		
Place drain bag in drain position (clear side up in bottom drawer)		
Open patient transfer set		
Drain complete		
Observe drainage for abnormalities (color, clarity, fibrin, and stool)		
Close patient transfer set		
Clamp drain bag tubing with		

red/blue clamp		
Fill patient		
Twist open patient transfer set		
Remove red line clamp from fill line		
Drain complete		
Close patient transfer set		
Clamp fill line tubing with red/blue clamp		
Open minicap package while keeping the inside of cap sterile		
Disconnect ultrabag system from the patient transfer set		
Place minicap on patient transfer set and close tightly		

RN Signature: _____ Date: _____

Instructor Signature: _____ Date: _____

July 6, 2011

To all OhioHealth Inpatient Managers,

The annual needs assessment has been completed. For the next fiscal year, the staff identified as needing additional education in peritoneal dialysis. OhioHealth is in the process of trying alternate supplies for the peritoneal dialysis process. Doctor's Hospital has been piloting the new supplies for approximately two months. According to Baxter, this is the best practice model for performing peritoneal dialysis exchanges to decrease the risk of infection. Therefore, while providing additional education to the staff RNs, we will also provide education for the new Ultrabag solution system.

Organizational Development needs the support of the management teams within OhioHealth to arrange the schedule to allow all staff RNs to attend a four-hour class. Training will take place over the next couple months. Before attending class, the RNs need to watch a video on the Learning Management System (LMS). The video is titled, "Ultrabag Solution Delivery System". The video will demonstrate the procedure for using the Ultrabag solution delivery system.

After watching the video they will be attending a four-hour class. During the class, they will be completing a pretest, observing the education specialists performing an exchange, return demonstration with immediate feedback and reinforcement, additional time to practice as needed, completing posttest, and evaluation. There will be review of the pretests and posttests. Contact hours will be provided upon full completion of the course.

After attending the four-hour class, they will need to be checked off on the process on the nursing unit performing an exchange with an actual patient. The manager, educator or charge nurse will be performing the final check off.

The peritoneal dialysis policy and procedure is still in the revising phase. It will be completed before the RNs attend class. A copy of the policy and procedure will be given to each RN at class. It will also be available on eSource to be viewed by all at any time.

Each unit will receive through interoffice mail an illustration from Baxter. The illustration will demonstrate the steps to completing a peritoneal dialysis exchange with the new Ultrabag solution delivery system. We recommend hanging the illustration in the supply room.

If you have any questions or concerns, please contact Organizational Development at 566-5115.

Thank you,

Organizational Development

Needs Assessment Results

Critical Care Units identified needing more education on setting up arterial lines, maintaining and interpreting data for the arterial lines.

Med/Surg units identified needing more education on peritoneal dialysis.

Med/Surg also identified needing more education on assessing and managing tracheostomies.

The scale is based on 0/10.

0—least competent

10—most competent

The results are broken down into each separate hospital as followed:

	Arterial Lines	Peritoneal Dialysis	Tracheostomy
Doctors	4/10	6/10	7/10
Dublin	4/10	5/10	7/10
Grady	3/10	4/10	7/10
Grant	4/10	6/10	7/10
Marion	3/10	5/10	6/10
Riverside	4/10	6/10	6/10
Total	4/10	6/10	7/10

Pretest and answer key

RN Name: _____ Date: _____
Unit: _____ Facility: _____

1. Can you identify eight supplies needed to perform a peritoneal dialysis exchange?
2 masks
Pair of gloves
Ultrabag system
2 red/blue line clamps
Sign for door
Minicap
2. What is the tubing called that comes from the patient and allows draining?
Transfer set
3. Name the location on the body where you can find the patient's transfer set.
Abdomen
4. Explain the purpose of sterile technique.
To prevent infection
5. Explain the purposes of the kidneys
Filters waste from the blood
Releases hormones that help regulate blood pressure
Controls the production of red blood cells
Produces the necessary nutrients and vitamins that control growth
6. List three treatment options for renal insufficiency.
Peritoneal dialysis
Hemodialysis
Kidney transplant
7. How long does it take approximately to drain a patient?
15-20 minutes
8. What should you observe for in the drainage of peritoneal dialysis fluid?
Color
Clarity
Stool
Fibrin
9. It is not important to keep the minicap sterile. True or False
False
10. You can re-use the minicap. True or False *False*

Posttest and answer key

RN Name: _____ Date: _____
Unit: _____ Facility: _____

1. Identify the steps to prepare self, patient, and patient's room for an exchange.
Hang sign on door
Place masks on self and patient
Wash and Dry hands
2. Name the three steps to prepare ultrabag system
Open ultrabag system package
Break blue frangible
Remove pull ring from ultrabag system
3. It is important to keep the patient's transfer set sterile. True or False
True
4. Name the tubing that goes to the solution bag.
Fill line tubing
5. What is the purpose of breaking the green and blue frangible?
To allow the fluid to flow
6. While draining the patient, where is the drainage bag to be kept?
In the bottom drawer of the patient's bedside table (off the floor)
7. While draining the patient, which side of the drainage bag faces upward?
Clear side to observe the drainage.
8. Why is it important to close and clamp the transfer set when finished with draining?
To prevent fluid draining back into patient's peritoneum
9. Explain the importance of filling the patient's peritoneum after draining?
The prevent the patient from cramping
10. Explain the purpose of the blue/red clamps.
To prevent fluid from draining out
11. You do not need to instill the entire bag of peritoneal dialysis solution. True or False
False. Unless patient is going to surgery or a procedure

12. Once the exchange is complete, the ultrabag system can stay connected to the patient.
True or False
False. It can but that is the purpose of the ultrabag system, to give the patient more freedom to move around.

13. When the exchange is complete, what is the part you place on the end of the patient's transfer set?
New minicap

Evaluation

1. How confident do you feel that you can perform peritoneal dialysis exchange?
Very Confident
Somewhat Confident
Low Confidence
2. Did the transfer of skills transfer to the work environment?
3. Was the practice of skills during class sufficient?
4. Did you receive sufficient feedback or reinforcement during the return demonstration and final check off?
5. Do you feel the information provided is relevant to you and your job?
6. Do you feel the illustration will be of any help in the future?
7. Were the objectives met?
8. Did the course fulfill your desire to learn more about peritoneal dialysis?
9. Was the material easy to understand?
10. How could the training/class be improved?
11. Did you find viewing the video before class helpful?
12. Do you feel you will ever access the video again in the future?
13. Any other comments?

Name: (optional) _____ Unit: _____
Facility: _____

Attitude Questionnaire

RN Name: _____ Date: _____

Unit: _____ Facility: _____

Instructions: Please complete this questionnaire after the course.
 Use the questionnaire to assess the effectiveness of the peritoneal dialysis course. Rate the quality of instruction in each category by circling the response that reflects your opinion of what is being asked. Please comment on the aspects mentioned for strengths and problems you personally identified during the course.

Attention					
To what degree did the following instructional activities hold your attention or interest?					
Video	Little attentive	1	2	3	Very attentive
Needs assessment results	Little attentive	1	2	3	Very attentive
Demonstration	Little attentive	1	2	3	Very attentive
Return demonstration	Little attentive	1	2	3	Very attentive

Relevance					
What degree do you feel the following items or skills are relevant for you in performing peritoneal dialysis?					
Reviewing revised policy and procedure	Little relevance	1	2	3	Very relevant
Information provided in the course relevant to you and your job	Little relevance	1	2	3	Very relevant
Skills transferring to the real work environment	Little relevance	1	2	3	Very relevant

Confidence					
What level of confidence do you have after the following items to effectively and safely perform peritoneal dialysis?					
After watching the video	Little confident	1	2	3	Very confident
Time during class to practice skills	Little confident	1	2	3	Very confident
Encouragement and reinforcement provided by the instructor	Little confident	1	2	3	Very confident
Ability to perform peritoneal dialysis safely	Little confident	1	2	3	Very confident

Satisfaction					
Overall, how satisfied are you with the following?					
Location of class	Little satisfied	1	2	3	Very satisfied
Instructor	Little satisfied	1	2	3	Very satisfied
Video	Little satisfied	1	2	3	Very satisfied
Course	Little satisfied	1	2	3	Very satisfied
Adequate time to practice skills	Little satisfied	1	2	3	Very satisfied
The course fulfilled your desire to learn more about peritoneal dialysis	Little satisfied	1	2	3	Very satisfied

Clarity					
What level of clarity do you believe the following instructional material and skills have?					
Video	Little clear	1	2	3	Very clear
Demonstration of skills	Little clear	1	2	3	Very clear
Revised policy and procedure	Little clear	1	2	3	Very clear
Illustration of steps to perform peritoneal dialysis	Little clear	1	2	3	Very clear

Comments		
Please comment on aspects of this course indicating strengths and problems for you personally.		
	Strengths	Problems
<p><u>Videos:</u></p> <ul style="list-style-type: none"> • Watching before attending class • Re-watching during class <p><u>Demonstration of skills</u></p> <p><u>Return demonstration of skills</u></p> <p><u>Assessment materials:</u></p> <ul style="list-style-type: none"> • Pretest • Posttest • Evaluation/Attitude Questionnaire <p><u>Other:</u></p> <p><u>Other:</u></p>		