

**PICC RESOURCE ASSOCIATES
PICC & MIDLINE CARE & MAINTENANCE CLASS OUTLINE**

OBJECTIVES	CONTENT (Topics)	TIME FRAME	PRESENTER	TEACHING METHODS
<i>List the learners' objectives in behavioral terms.</i>	<i>Provide an outline of the content for each objective. It must be more than a re-statement of the objective.</i>	<i>State the time frame for each objective.</i>	<i>List the faculty for each objective.</i>	<i>Describe the teaching methods, strategies, materials, and resources for each objective.</i>
1. Describe one difference in the use of PICC Lines vs. Midline catheters.	<p>PICC</p> <ul style="list-style-type: none"> - Description and INS definition - Indications for use <p>Midline</p> <ul style="list-style-type: none"> - Description and INS definition - Indications for use <p>Catheter similarities</p> <p>Catheter differences</p>	30 min.	Alice Cennamo, RN, CRNI	Lecture LCD Handouts Demonstration (with PICC and Midline catheters)
2. Describe one indication to choose a PICC Line instead of a Midline catheter.	<p>Central vs. peripheral tip placement</p> <ul style="list-style-type: none"> - A&P of UE and thorax veins <ul style="list-style-type: none"> - Vein lumen diameters - Distal to proximal <ul style="list-style-type: none"> - Blood flow dynamics - Infusates & endothelial damage <p>INS Standards for PICC and Midline catheter tip placements</p> <ul style="list-style-type: none"> - pH and Osmolarity & tip position <p>AVA Tip Position Statement</p> <p>CDC Guidelines</p>	30 minutes	Alice Cennamo, RN, CRNI	Lecture LCD Handouts
3. Describe two complications associated with PICC and Midline catheters.	<p>Assessment prevention & treatment of complications:</p> <p>Mechanical Phlebitis</p> <ul style="list-style-type: none"> - Description and cause - Activity restrictions <p>Chemical Phlebitis</p> <ul style="list-style-type: none"> - Description and cause 	60 minutes	Alice Cennamo, RN, CRNI	Lecture LCD Handouts Demonstration (using sample PICC & Midline catheters, and Vein Manikin)

	<ul style="list-style-type: none"> - Identification of irritating infusates - Medications not to be infused peripherally <p>Infection</p> <ul style="list-style-type: none"> - Catheter-related <ul style="list-style-type: none"> - Sepsis - Local skin infection - CDC Guidelines <ul style="list-style-type: none"> - Aseptic & sterile technique <p>Thrombosis</p> <ul style="list-style-type: none"> - Fibrin build up & relation to infection - Extremity - Subclavian Vein - Vena Cava Syndrome <p>Occluded catheters</p> <ul style="list-style-type: none"> - Causes - Prevention and treatment - Use of 'clot busters' tPA, etc. - Proper flushing protocols <p>External catheter fracture</p> <p>Arrhythmias</p> <p>Tip Malposition</p>		Alice Cennamo, RN, CRNI	Lecture LCD Handouts Demonstration & Return Demonstration (using Venous Access Device Manikin, tourniquets, and vein illuminator device)
Break	N/A	30 minutes	N/A	N/A

<p>4. Demonstrates and/or verbalizes steps for PICC and Midline site care.</p>	<p>PICC and Midline assessment care, and maintenance.</p> <ul style="list-style-type: none"> - Measurement of upper arm circumference and external catheter - Protection of catheter when bathing - Flush protocol - Visual assessment and assessment vein/arm condition via palpation - Dressing and Cap Changes for PICC and Midline catheters. <ul style="list-style-type: none"> - Frequency and procedure <p>Procedure for drawing blood samples from a PICC</p> <ul style="list-style-type: none"> - INS limitations with Midlines and blood draws 	<p>120 minutes</p>	<p>Alice Cennamo, RN, CRNI</p>	<p>PICC and Midline Care Practicum Checklist Handout Demonstration & Return Demonstration (using Venous Access Device Manikin, site care and flush supplies)</p>
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