

COMPETENCY: Use of the LifePulse 204 HFJV

PERFORMANCE CRITERIA	COMPETENCY							
	SELF-ASSESSMENT		ACTION PLAN	TARGET DATE	EVALUATION			COMP. VERIF.
	Competent	Needs More Experience	Specify: * Clinical * Skills Lab * Classroom Experience		Post-Test	Verbal Review	Return Demonstration	Date & Evaluator or Preceptor Initials
<p>6. Control Section</p> <p>Explain why the default settings were selected</p> <p>Describe the start-up procedure:</p> <ol style="list-style-type: none"> 1. Starting "recipe" 2. Pulse interruptions 3. How to choose a background CMV rate 								
<p>7. Monitor Section</p> <p>Explain Servo and why and how it changes</p> <p>Discuss the differences between HFV pressure displays and CV pressure settings</p> <p>Demonstrate how to adjust alarm limits around MAP and Servo</p>								
<p>8. Patient Management</p> <p>Discuss how to manage ventilation and oxygenation</p> <p>Demonstrate how to make changes on CV and HFV</p> <p>Explain why settings would be changed</p> <p>* HFV = Ventilation; CV = Oxygenation</p>								

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<p>9. Alarms</p> <p>Differentiate between alarms caused by the LifePulse and alarms caused by the patient</p> <p>Differentiate between alarms that stop the LifePulse and those that allow it to continue operating</p> <p>Explain the most common cause of alarms (LifePort)</p> <p>Explain Battery alarms (see User Manual for details)</p> <p>Explain under what conditions the Servo will lock</p> <p>Describe prioritized alarms and lamp display</p>								
<p>10. Humidification</p> <p>Trace the gas flow through the cartridge and circuit</p> <p>Explain the feedback control system that regulates humidification and temperature of inhaled gas</p> <p>Describe over-, under-, and proper humidification</p> <p>Review appropriate temperature settings (leave the Gas Temp at 40°; lower the Water Temp as necessary to reduce over-condensation)</p>								

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11. Suctioning Demonstrate the method of suctioning the patient								
12. Weaning Explain how to transition a patient from the LifePulse to CV or to a NIV Discuss why one should avoid weaning too fast Describe how to make a smooth transition from the LifePulse to NIV								
13. Patient Selection Criteria Describe indications for using the LifePulse as established by our NICU staff								
14. Support Recite the Bunnell Hotline number (800-800-4358) Recite the Bunnell website (www.bunl.com)								