**Advanced Emergency Medical Technician:**
*Using Noninvasive Bi-level Positive Airway Pressure and Continuous Positive Airway Pressure Devices*

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| **Kentucky Required Mandatory Supplemental Curriculum:**  
*Application and Use of Noninvasive Bi-level Positive Airway Pressure and Continuous Positive Airway Pressure Devices*** |

**Upon completion of the course, the student shall be able to:**

1. List the indications, contraindications, advantages, and potential complications with the use of BiPAP/CPAP.
2. Identify the equipment required for use of BiPAP/CPAP.
3. Describe and demonstrate body substance isolation (BSI) procedures required for use with BiPAP/CPAP.
4. Describe and demonstrate respiratory assessment and basic airway management techniques.
5. Describe the physiological and biomedical differences between BiPAP and CPAP.
6. Describe and demonstrate procedures including:
   - a) Preparation of BiPAP/CPAP equipment.
   - b) Positioning of the patient for the use of BiPAP/CPAP.
7. Demonstrate proper utilization of BiPAP/CPAP device to include:
   - a) Appropriate mask sizing and positioning of mask including utilization of head straps.
   - b) Titration of pressure.
   - c) Coaching of patient.
   - d) Monitoring of BiPAP/CPAP circuit for air leaks.
   - e) Monitoring of BiPAP/CPAP alarms and intervening as appropriate.
   - f) Monitoring the face mask placement for proper fit.
   - g) Monitoring the patient’s response and tolerance to the BiPAP/CPAP.
8. Describe and demonstrate documentation of the BiPAP/CPAP procedures and patient assessment.
9. Discuss the role of medical direction and oversight in the use of the BiPAP/CPAP.
10. Describe the refresher training necessary to maintain competency in the use of BiPAP/CPAP.