

# Noninvasive Positive Pressure Ventilation Training

Noninvasive positive pressure ventilation (NPPV) is the delivery of positive pressure ventilatory support via a special face mask. In properly selected patients NPPV can eliminate the need for, and avoid the complications of intubation, while preserving normal swallowing, speech, and cough mechanisms. The clinical application of NPPV in both acute and home settings is increasing.

*“The most important ingredient for an acute NIV service is a well trained enthusiastic ward team”*

*- M.W.Elliot, British Medical Bulletin 2005 72 (1): 83-97*

Training to support the clinical application and operation of invasive ventilatory systems is available in the following formats or can be customised to meet your organisation's learning requirements.

- Two hour training sessions
- Full day or half day seminars and workshops
- Foundation, advanced or train the trainer

## Overview of Learning Outcomes customised to meet your learning needs

### **At the end of the workshop participants should understand:**

- Principles of lung mechanics
- Indications and application of Noninvasive positive pressure ventilation (NPPV)
- Principles of NPPV
- CPAP vs BiPAP
- Initiation, monitoring and titration of NPPV
- Set up and use of NPPV systems
- Selection of masks and circuits
- Mask sizing and fitting
- Alarms and troubleshooting of NPPV systems
- Nursing care of the patient requiring NPPV
- Complications of NPPV therapy
- Graph Analysis and Interpretation



### Individual Resources available include:

- Pre reading self directed learning package & questionnaire
- User guides
- Laminated BiPAP Vision parameter and alarm setup guide
- Managing respiratory insufficiency/failure using NPPV
- NPPV flow chart
- Tips for implementing successful noninvasive ventilation and mask fitting guide
- A compendium of recent published articles pertaining to current NPPV
- A bibliography of current articles on NPPV
- Post training questionnaire
- Certificate of attendance

### Resources for ICU as applicable:

- Two copies of noninvasive ventilator manual
- CD of Noninvasive Ventilator Operation (as applicable)
- Clinical competency document for use in ongoing staff assessment
- Pre reading self directed learning package & questionnaire
- Answers for Pre Reading and Post Training Questionnaire
- User Guide
- Laminated BiPAP Vision parameter and alarm setup guide
- Managing respiratory insufficiency noninvasive ventilation and mask fitting guide
- Mask selection and fitting poster
- A compendium of recent published articles pertaining to current NPPV
- A bibliography of current articles on NPPV
- Post training questionnaire

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