

RSPT 1410
OBJECTIVES SECTION 3

In Section 3, the following topics will be covered:

1. Oxygen Therapy
 - Clinical signs of hypoxia
 - Etiology of the various types of hypoxia
 - Goals of oxygen therapy
 - Symptoms of hypoxia
 - Define cyanosis
 - F_iO_2 and oxygen toxicity
2. Hyperbaric Oxygen Therapy
 - Physiological effects of HBO
 - HBO as treatment for CO poisoning
 - Hazards of HBO
3. Nitric Oxide Administration
 - Initial dosing in IRDS
 - Technique for NO administration and withdrawal
 - Adverse effects of NO
 - Indications for NO
 - Physiological effects of NO
4. Heliox Administration
 - Indications for heliox
 - Heliox administration techniques
 - Devices used to administer heliox
5. Lung Expansion Therapy
 - Post op problems that lead to atelectasis
 - Describe absorption atelectasis
 - Describe “huff” coughing
 - Indications & contraindications for IS
 - How does IS aid in treating atelectasis
 - Define PEP
 - Techniques for PEP therapy
 - Indications for EzPAP therapy
 - Principle of operation and techniques for EzPAP therapy
 - Physiologic effects of IPPB
 - Outcome assessment for IPPB
 - Clinical signs of atelectasis
 - Relative and absolute contraindications for IPPB