Positioning and mobilization

Positioning

- Physiological Effects of Positioning
- Optimizes oxygen transport by improving V/Q mismatch
- Increases lung volumes
- Reduces the work of breathing
- Minimizes the work of heart
- Enhances mucociliary clearance (postural drainage)

Positioning.

- ➤ Body positioning is a potent therapeutic intervention that promotes oxygen transport and gas exchange in two ways:one froM the physiological benefit accrued from specific position themselves and other from physiological benefit accrued from changing from one position to another.
- For unilateral lung pathology: Sidelying position with good lung down
- For bilateral lung pathology: Right sidelying position

Benedetti F, Amanzio M, Casadio C, et al:Control of postoperative pain by transcutaneous electrical nerve stimulation after thoracic operations :Journal of Cardiothoracic and Vascular Anesthesia. 12; 4:August 1998, 492
Dean E. Effect of Body Position on Pulmonary Function .Physical Therapy May 1985; 65: 5 613-618