
INTRODUCTION AND AIM OF THE WORK

Respiratory disorders are the commonest cause of serious neonatal illness and death. Accurate diagnosis and management are therefore imperative (*Bell and Tubman, 1998*).

A better outcome of these disorders is due to advances in management (*Greenough et al., 1996*).

Assisted ventilation defined as the movement of gas into and out of lung by an external source connected directly to the patient (*Goldsmith and Karotkin, 1996*).

The purpose of assisted ventilation is to provide alveolar ventilation, carbon dioxide removal, adequate oxygenation and reduction of the work of breathing (*Richardson, 1991*).

Assisted ventilation may range from small increase in fraction of inspired oxygen to mechanical ventilation. The goal is to optimize both gas exchange and clinical status (*Riggsand and Lister, 1987*).

Aim of the work:

The aim of this work is to throw light on the role of assisted ventilation in different respiratory problems in neonatal period.