

RTBS 410 : Advanced Topics in Respiratory Therapy

Advanced Topics in Respiratory Therapy focuses on issues relevant to practicing respiratory therapists. Topics include anatomy and physiology of adult and pediatric populations, mechanics of breathing, ventilation and perfusion relationships, non-invasive and invasive ventilation relationships, acid-base regulation, hemodynamics, diagnostic studies and an understanding of cardiopulmonary disorders and pathophysiology of respiratory diseases. Mechanical ventilation in the critical care setting will also be discussed along with the pharmacological treatment of pulmonary disorders.

Credits 4

Prerequisites

R.R.T. Licensure