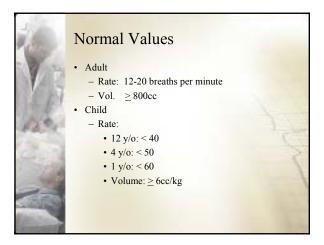
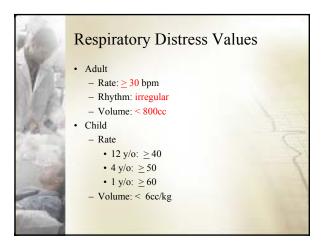
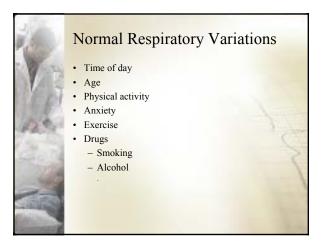




Respiratory Epidemiology Common Exact prehospital prevalence not established One of the most common 911 calls One of most common presenting complaints in ED Need for careful screening for RR abnormalities

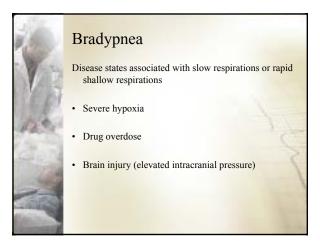


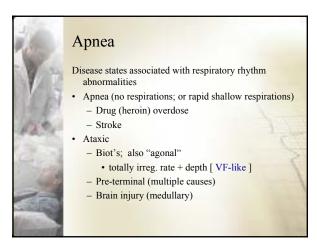


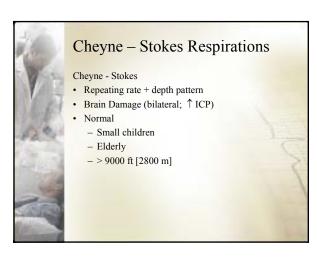


Respiratory Pathophysiology Disease states associated with certain respiratory abnormalities. Inadequate volume → drug overdose Loss of distensibility → emphysema Inadequate rate → head injury Inadequate exchange → CHF Metabolic disorder → Diabetic ketoacidosis

Tachypnea Disease states associated with rapid respirations or rapid shallow respirations Hypoxia Shock Chest wall or pleuritic pain









Labored Respirations Labored respirations are an increase in the work of breathing. • Use of accessory muscles • Metabolic causes - Diabetic Ketoacidosis (DKA) • Respiratory causes - Obstructive (Asthma)

Respiratory Obstruction Inspiratory (usually with use of accessory muscles) Partial FBAO Expiratory (usually with prolonged E / I) Obstructive (asthma)



