	Normal Values	Obstructive Ventilatory D. (Emphysema / Asthma)	Restrictive Ventilatory D. (Pulmonary Fibrosis / Edema)	Chronic Compensated Respiratory Acidosis	Respiratory Alkalosis (Acute / Chronic)	Metabloic Acidosis	Metabolic Alkalosis	One Lung
pH	7.4	low?	low?	low	high	low	high	
PaO_2	90 mmHg	low	low	low	high?			normal
$PaCO_2$	40 mmHg	high	high	high	low	low	high	normal
HCO_3^-	24 meq/L	high?	high?	high	low	low?	high	
V_E (Minute Ventilation)	5-10 L/min	?	?					
V_T (Tidal Volume)	500 mL		low					
V_D (Dead Space Volume)	150 mL		high?					
V_D / V_T	0.2-0.35		high?					
V_A (Alveolar Volume)	350 mL		low?					
FVC (Forced Vital Capacity)	4-6 L	low	low					
$FEV_{1.0}$ (Forced Exp. Vol)		low	low					
FEF_{25-75} (Forced Exp. Flow)		low	normal					
PEFR		low	normal					
$FEV_{1.0}$/FVC %		low	normal / high					
Elastic Recoil		low	high					
Lung Compliance	0.2 L/cmH_20	high	low					
Total Lung Capacity	6 L	high	low					
Functional Residual Capacity	2.4 L	high	low					
Residual Volume		high	high					
Breathing Frequency	12-20	high?	high				low	
Surface Tension			high (edema)					
Work of Breathing		high	high					
V / Q Balance								normal
Alveolar Pressure								
Pulm. Artery Pressure								high
Pulm. Vascular Pressure								
Pulm. Vascular Resistance								high
Exercise Tolerance		low	low					low
Airway Resistance	2.0 cmH_20	high?						