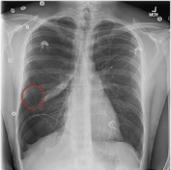
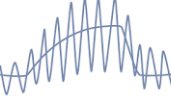
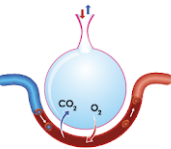
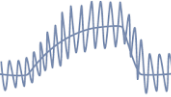
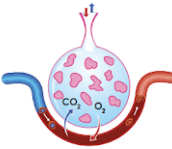
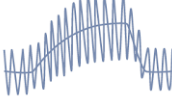
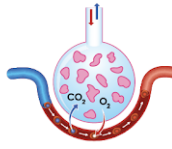
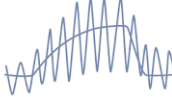
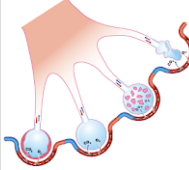
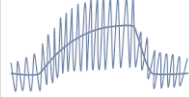


VDR Info • O2 problem? Diffusive technique • CO2 problem? Convective technique Low O2 • ↑ PF • ↑ 2.0-3.0 • ↓ E 2.0-1.0 • ↑ OP 8-15 • ↑ DC 3-5 • CPR (Not for inflammatory) • ↑ PR > 500 High CO2 • ↑ PF (Accept ↑ Pip) • ↓ I 2.0-1.0 or less • ↓ E 2.0-1.0 • ↑ OP 3-15 • ↑ DC < 5 • CPR 3-5 • PR 300-500	Pneumo/Barotrauma  Labs O2: OK/Low CO2: OK/High CO: OK/Poor X-ray—Hyperinflated, Overdistended, As Above Settings • PF: Low • OP: < 7 cmH2O • DC: 3-5 cmH2O • CPR: Off • PR: 500 • I: Short, ↓ • E: No Δ or ↑ Waveform  Other Factors • Adjust I with E to maintain 1:1 ratio • Chest tube	Compliant Lungs (Air Trapping)  Labs O2: OK CO2: High CO: Poor X-ray: Hyperinflated, Overdistended Settings • PF: High to overcome resistance • OP: < 8 cmH2O • DC: < 5 cmH2O • CPR: 3-5 cmH2O • PR: 400 to 500 • I: Short, ↓ • E: ↓ Waveform  Other Factors • Average to thick secretions • Increase humidity • Consider IPV PR • Bronchodilators	Compliant Lungs (Air Trapping & Plugs)  Labs O2: OK/Low CO2: High CO: OK/Poor X-ray: Hyperinflated, Overdistended, Patchy Infiltrates Settings • PF: High ↑ • OP: < 8 cmH2O • DC: < 5 cmH2O • CPR: 3-5 cmH2O • PR: 400 to 500 • I: Short, ↓ • E: ↓ Waveform  Other Factors • Copious, thick/tenacious secretions • Increase Humidity • Consider IPV PR • Bronchodilators • Mucolytics	Compliant Lungs (Mucus Plugs)  Labs O2: Low CO2: OK/High CO: OK X-ray: Patchy Infiltrates Settings • PF: Adequate chest rise • OP: 5-8 cmH2O • DC: 3-5 cmH2O • CPR: 3-5 cmH2O • PR: < 500 • I: ↑ if low O2 • E: ↓ Waveform  Other Factors • Copious, thick, tan/brown secretions • Increase Humidity • Mucolytics	Mixed Disease (Mucus Plugs)  Labs O2: Poor CO2: High CO: OK/Poor X-ray: Hyperinflation, Overdistended, Patchy Infiltrates Consolidation Settings • PF: ↑ if CO2 OK, no Δ if O2 ↓ • OP: 5-10 cmH2O • DC: 5 cmH2O • CPR: 3-5 cmH2O • PR: 400 to 600 • I: ↑ if low O2, long if O2 ↓ • E: ↓ Waveform  Other Factors • Minimal Secretions or blood tinged • Normal humidity • Caution with ↓ E-time as this may ↑ MAP
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