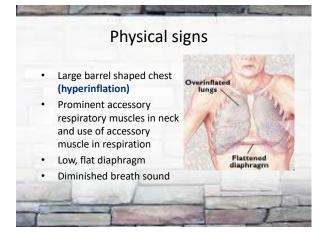
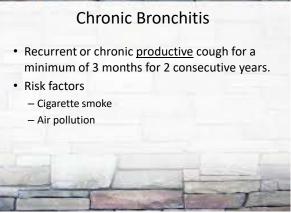
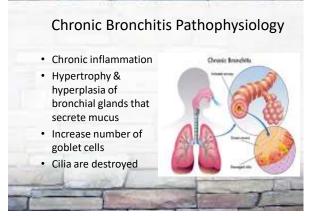


Chronic cough	Present intermittently or every day often present throughout the day; seldom only nocturnal
Chronic sputum production	Present for many years, worst in winters. Initially mucoid – become purulent with exacerbation
Dyspnoea that is	Progressive (worsens over time) Persistent (present every day) Worse on exercise Worse during respiratory infections
Acute bronchitis	Repeated episodes
History of exposure to risk factors	Tobacco smoke (including beedi) occupational dusts and chemical smoke from home cooking and heating fuel

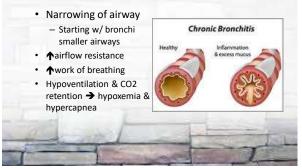


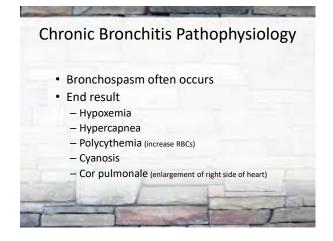






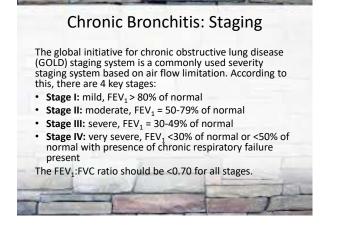
Chronic Bronchitis Pathophysiology



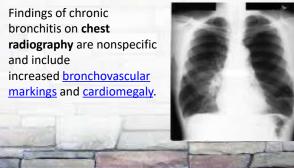


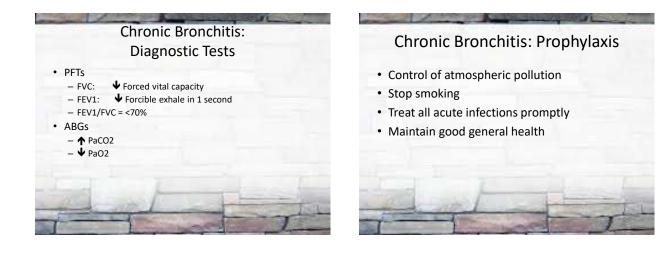


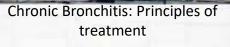
Chronic Bronchitis: Chronic Bronchitis: Clinical Manifestations Clinical Manifestations Advanced stages - Dyspnea on exertion \rightarrow Dyspnea at rest Symptoms - Hypoxemia & hypercapnea - Polycythemia Coughing Chest pain - Cyanosis Depression - Bluish-red skin color ever − Pulmonary hypertension → Cor pulmonale Weight loss



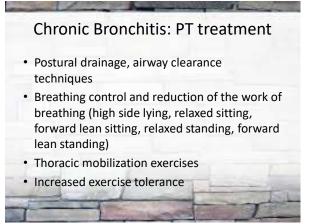
Chronic Bronchitis: Radiographic features

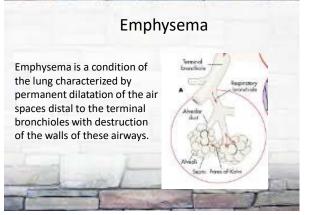


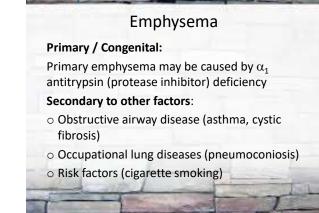


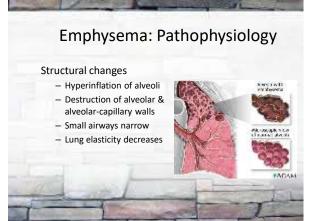


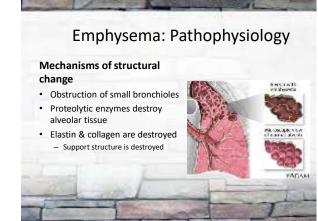
- Decrease the bronchial irritation to a minimum
- Control infections
- Improve breathing pattern
- Control bronchospasm
- · Control / decrease the amount of sputum
- Oxygen therapy



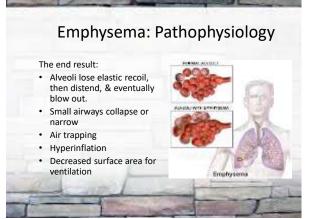


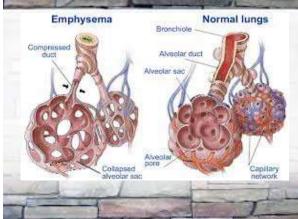






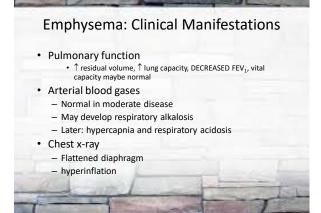
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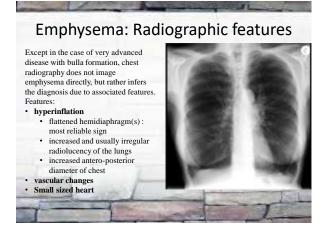




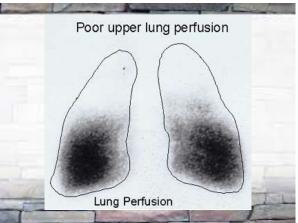




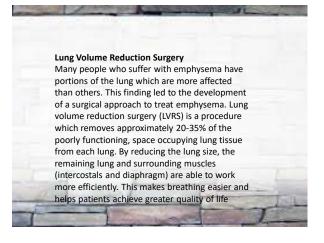






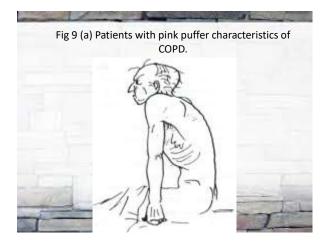


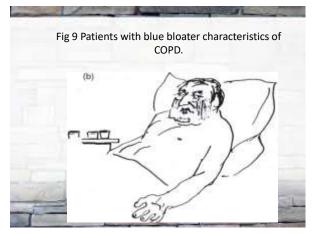
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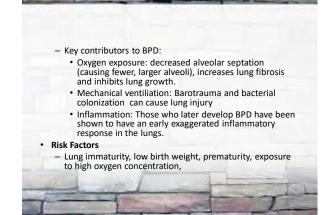
Emphysema: PT Treatment

- Re- education of breathing pattern
- Removal of secretions postural drainage and additive techniques.
- To improve thoracic mobility increase ROM of the joints of the thoracic cage.
- To increase exercise tolerance and function breathing control taught in positions of relaxation progressing from half lying to standing.
- To regain fullest possible function.





Bronchopulmonary Dysplasia BPD is a chronic lung disease of prematurity. Classically it follows a course of primary lung disease (RDS, MAS, etc) that requires exposure to mechanical ventilation and high oxygen concentration. Pathophysiology Alveolar stage of lung development begins at 36 weeks and continues postnatally. BPD occurs when insults result in defective repair, impede alveolarization, and cause vascular dysgenesis. Classically, BPD results from a primary lung disease (often RDS) requiring long-term mechanical ventilation or exposure to high oxygen concentration. It can occur without antecedent illness, particularly in the setting of extreme prematurity or sepsis.



Bronchopu	lmonary Dysplasia
Clinical Presentation	
	athic pulmonary deterioration in
susceptible neona	
 – oxygen depender 	ice,
 retractions, 	
 diffuse rales/whe 	eze,
 hypoxemia, 	
 hypercapnea, 	
 compensatory m 	etabolic alkalosis
 May develop righ 	t sided heart failure
– Poor weight gain	to a second s



