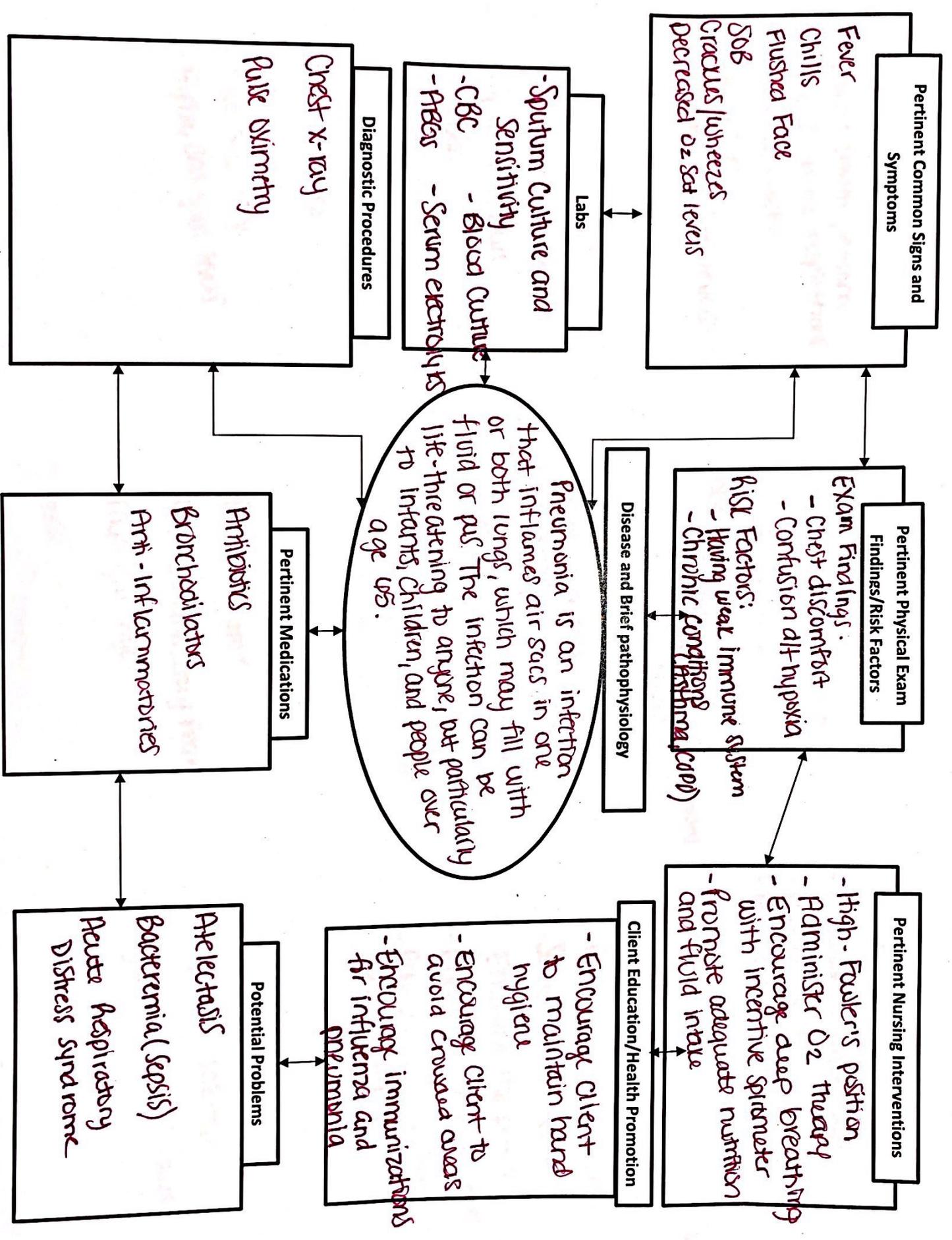


Disease: Pneumonia

Student Name: Shayla M.



Disease: COPD

Student Name: Shaqja M.

**Pertinent Common Signs and Symptoms**

- Irregular breath pattern
- Rapid & Shallow respirations
- Productive cough
- Hypoxemia
- Decreased O<sub>2</sub> Sat levels

**Labs**

- Hct levels increased
- Sputum Culture
- ABGs
- Serum electrolytes

**Diagnostic Procedures**

**FEV1/FVC ratio**

- Chest X-ray
- Pulse oximetry
- Alpha, Antitrypsin levels

**Pertinent Physical Exam Findings/Risk Factors**

**Exam Findings:**

- Dyspnea upon exertion
- Crackles & wheezes
- Barrel chest

**Risk Factors:**

- Advanced age
- Exposure to environmental factors

**Disease and Brief pathophysiology**

COPD is a group of lung diseases that block airflow and make it difficult to breathe. Emphysema and chronic bronchitis are usually the two conditions that make up COPD. COPD is irreversible. COPD typically affects middle-aged to older adults.

**Pertinent Nursing Interventions**

- Encourage effective cough
- Monitor weight
- Exercise conditioning

**Client Education/Health Promotion**

- Promote smoking cessation
- Set up referral services
- Encourage rest periods
- Encourage immunizations
- Provide support to client and family

**Pertinent Medications**

- Bronchodilators
- Anti-inflammatory Agent
- Mucolytic Agents

**Potential Problems**

- Respiratory infection
- Night-time Heart Failure