

Firelands Regional Medical Center School of Nursing
Nursing Care Map

Student Name Presley Stang

Date 02/17/24

Noticing/Recognizing Cues:

Highlight all related/relevant data from the Noticing boxes that support the top priority problem

Assessment findings*:

- BP 123/56 L (2/14)
- Pulse 70
- Resp 22
- O2 sat 93 → 94% (2/13)
- Productive cough
- SOB on exertion
- Generalized weakness
- A&O x4

Lab findings/diagnostic tests*:

- Chest x-ray: "The trachea is midline. The heart and mediastinal structures are WNL. There is mild pleural-based scarring laterally in the left mid to lower chest. The lung parenchyma is clear the common otherwise. The bony thorax is intact."
- WBC- 19.5 H
- Hgb- 11.4 L
- MCV- 79.5 L
- Neut #-13.4 H
- Mono #- 1.4 H

Risk factors*:

- 66 year old female
- COPD
- Pneumonia
- Abnormal mammogram
- H/O skin graft
- H/O tonsillectomy
- H/O laparoscopy
- H/O hysterectomy
- Current every day smoker
- Homeless

Interpreting/Analyzing Cues/
Prioritizing Hypotheses/
Generating Solutions:

Nursing priorities*: *Highlight the top nursing priority problem*

- Impaired gas exchange
- Ineffective airway clearance
- Ineffective breathing pattern
- Increased work of breathing
- Activity intolerance

Potential complications for the top priority:

- Recurrent chest infections
 - Persistent cough, fever, coughing up yellow or green sputum, wheezing
- Hypoxemia/Cyanosis
 - Bluish discoloration of the skin or mucous membranes, low body temperature, numbness or tingling in arms or legs, cough
- Pneumothorax
 - Chest pain, dyspnea, bluish skin, fatigue, rapid heart rate, shallow breathing
- Lung cancer
 - Persistent cough (often with blood), chest pain, wheezing, weight loss

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Responding/Taking Actions:

Nursing interventions for the top priority:

1. Assess vital signs: T, HR, RR, BP, SPO2 Q4H & PRN
 - To identify if the patient's overall health has improved or declined
2. Assess respiratory status Q4H & PRN
 - To identify if the patient's lung function has improved or declined
3. Auscultate lung sounds Q4H & PRN
 - To identify changes in lung sounds (wheezing, crackles, rhonchi)
4. Administer 200 mg of Benzonatate PO TID SCH per physicians order
 - To treat patient's productive cough
5. Administer 100 mg of Doxycycline Hyclate PO BID SCH per physicians order
 - To kill the positive E-coli sputum culture
6. Administer 1200mg of Guaifenesin LA PO BID SCH per physicians order
 - To help clear and loosen mucus from the airway
7. Administer methylprednisolone IV push daily SCH per physicians order
 - To suppress inflammation and the normal immune response
8. Encourage patient to use the incentive spirometer
 - To promote lung expansion and strengthen the lungs
9. Educate patient on the importance of coughing and deep breathing exercises
 - To promote lung expansion and mobilize secretions
10. Educate patient on smoking cessation
 - to prevent an exacerbation of COPD and improve overall health

Reflecting/Evaluate Outcomes:

Evaluation of the top priority:

- BP 132/76 (2/14)
- O2 sat 95% → 97% via 2L nasal cannula (2/14)
- Cough is still productive
- SOB on exertion
- No updated x-rays
- WBC- 15.3 H HGB- 11.4 L Neut #- 11.4 H Mono #- 1.4 H

Continue plan of care