

Student Name: Taylor D. Boyd Unit: Pt. Initials: Date: 10/19/2021

Adult/Geriatric Critical Thinking Worksheet

1. Disease Process & Brief Pathophysiology-

Lung cancer involves the malfunction of the genes that control differentiation and proliferation. Two types of normal genes that can be affected by the mutation are protooncogenes and tumor suppressor genes. Protooncogenes are normal cells that are important in regulation of normal cell processes. Protooncogenes promote growth. Mutations that alter the expression of protooncogenes can activate them to function as oncogenes (tumor suppressing genes) The protooncogenes are described as the lock that keeps the cell in its mature functioning state. When this lock is unlocked as may occur through exposure to carcinogens or oncogenic viruses, genetic alterations and mutations occur. Oncogenes can change a normal cell to a malignant one. This cell regains a fetal appearance and function. Other cancer cells such as small cell carcinoma of the lung, produce hormones that are ordinarily produced by cells arising from the same embryonic cells as the tumor cells. Mutations in the p53 tumor suppressor gene have been found in many cancers including lungs.

2. Factors for the Development of the Disease/Acute Illness-

- Tobacco use
- Smoking
- Family history
- Environmental
- Age > 45
- Exposure to toxins
- Diet
- Second hand smoke

3. Signs and Symptoms-

- A cough that does not go away or gets worse
- Coughing up blood or rust-colored sputum (spit or phlegm)
- Chest pain that is often worse with deep breathing, coughing, or laughing
- Hoarseness
- Loss of appetite
- Unexplained weight loss
- Shortness of breath
- Feeling tired or weak
- Infections such as bronchitis and pneumonia that don't go away or keep coming back
- New onset of wheezing
- Drooping or weakness of one upper eyelid
- A smaller pupil (dark part in the center of the eye) in the same eye
- Little or no sweating on the same side of the face

<p>4. Diagnostic Tests pertinent or confirming of diagnosis-</p> <ul style="list-style-type: none"> -MRI -CT -PET -Needle biopsy/ core biopsy -Bone marrow aspiration -X-ray -CT angiogram -Bone scan -Sputum cytology -Thoracentesis -Bronchoscopy -Ultrasound -Lung function tests 	<p>5. Lab Values that may be affected-</p> <ul style="list-style-type: none"> -WBC -RBC -Platelets -Hct -Hgb -LFT -Lymph's -Polys 	<p>6. Current Treatment-</p> <ul style="list-style-type: none"> -Surgery -Radiation -Chemotherapy -Medication -Palliative care -Clinical trials
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<p>7. Focused Nursing Diagnosis:</p> <p>Anticipatory Anxiety.</p>	<p>11. Nursing Interventions related to the Nursing Diagnosis in #7:</p> <p>1. I will refer the client to groups in the community. E/B: The client can gain tremendous support and insight from people sharing their experiences.</p>	<p>12. Patient Teaching:</p> <p>1. I will teach patient relaxation techniques: deep breathing, imagery, music therapy.</p> <p>2. I will teach patient to maintain learned positive coping strategies.</p> <p>3. I will teach patient to use positive language, observe self-moods and feelings</p>
<p>8. Related to (r/t):</p> <p>Potential death of patient.</p>	<p>Evidenced Based Practice:</p> <p>2. I will encourage patient to be in group activities. E/B: socialization minimizes feelings of isolation. Genuine regard for others can increase feelings of self-worth.</p>	

9. As evidenced by (aeb):

Changes in communication patterns, activity levels.

10. Desired patient outcome:

Demonstrate appropriate range of feelings of feelings and appear relaxed/resting appropriately by 10/20/2021.

Evidenced Based Practice:

3. I will refer patient to chaplain. E/B: The patient may benefit from spiritual support.

Evidenced Based Practice:

13. Discharge Planning/Community Resources:

1. Recommend hospice care or pal med.

2. Consult with social worker to conduct psychosocial assessments to identify mental or emotional distress.

3. Recommend counseling to help with coping and cognitive behavioral therapy

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