



Introduction to Physiology

**Assessment: Practical test
presentation**

Topic: Lung Cancer

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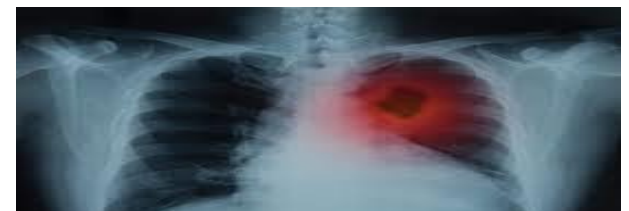
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LUNG CANCER OF PATIENT A



Introduction

- Health conditions of any person are required to be kept under check on a regular basis
- This is because it helps in the detection of any deterioration in the health condition of an individual
- It can be noted that the daily routines or the lifestyle followed by an individual has significant impacts on the health conditions of the individual
- The daily practices in the lifestyles influence the conditions of health, thereby determining the health of the individual



Introduction

- Following good practices like eating a balanced diet, and so on proves highly beneficial in maintaining the health condition of any individual
- Moreover, the health choices of an individual, like the choice of going through regular check-ups, can also constructively affect the health condition
- This presentation revolves around a patient who is indicated by Patient A



Anatomy

- The disease which this patient suffers from, that is lung cancer that has affected the lungs of this individual
- The anatomy of this health condition of patient A is that the cancer is present in the tissues of the lungs of this individual
- The cancerous growth is present mainly in the cells that border the passages through which air passes (Eapen *et al.*, 2018)



Information related to the anatomy and physiology

- The physiological consequence of this health condition of the individual includes the hampering of the individual's respiratory system as well
- The growing cancer is putting pressure on the walls of the respiratory tract of this patient, leading to the improper functioning of the respiratory system (Ge *et al.*, 2019)
- The malfunctioning of the respiratory system resulting in the inadequate supply of oxygen to the brain and the other parts of the individual's body



Main

- Smoking

Smoking Are you a current smoker? ☐ ☐

If Yes how many do you smoke a day?

.....

If you smoked in the past, when did you stop?

.....

- Alcohol

- How much alcohol do you drink per week?

- Exercise

How many days you exercise a week ?.....

Please describe your ethnicity

The main health condition of patient A

Smoking : 6 pack in a day

Exercises : no ex

Alcohol : 2 per day bottles

Ethnicity: British



Recommendations

- Quit smoking - The individual can be advised to quit smoking even those three times in a week. The person can be kept under supervision in order to ensure that the individual does not smoke even once (Bade and Cruz, 2020)



Recommendations

- Monetary support from the social care services organizations in the UK for bearing the expenses of the treatment for cancer - The social care services are provided by many organizations in the UK. One of these organizations can offer financial support to this patient, in order to ensure that the patient is able to bear the expenses of the cancer treatment.

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Conclusions

- According to the discussions in the previous slides, it can be concluded that Patient A is suffering from a chronic lung disease going by the name of lung cancer which has resulted in the failure of the flow of sufficient amount of blood to the as well as oxygen to the lungs
- The patient fails to intake enough oxygen because the lung cancer results in the blocking of the airways and fluid gets accumulated around the lungs of this patient, resulting in the failure of this patient to expand the individual's lungs during the time of inhaling

Conclusions

- It can also be concluded that the growing cancer in the pathway of air is gradually blocking the path through which the movement of air takes place
- This resulted in the shortness of breath and breathlessness of this patient
- Monetary support can be provided to this patient by the social care services organizations in the UK for carrying out the treatment of lung cancer

Reference List

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