



Prifysgol Cymru

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Module	Introduction to Physiology
Topic	Pulmonary Tuberculosis
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Outline

- Tuberculosis Disease
- Anatomy and physiology of Lungs
- Questionnaire retaliated to patient Z
- Lifestyle health-related information to patient Z
- Health Risks
- Recommendations
- Conclusion

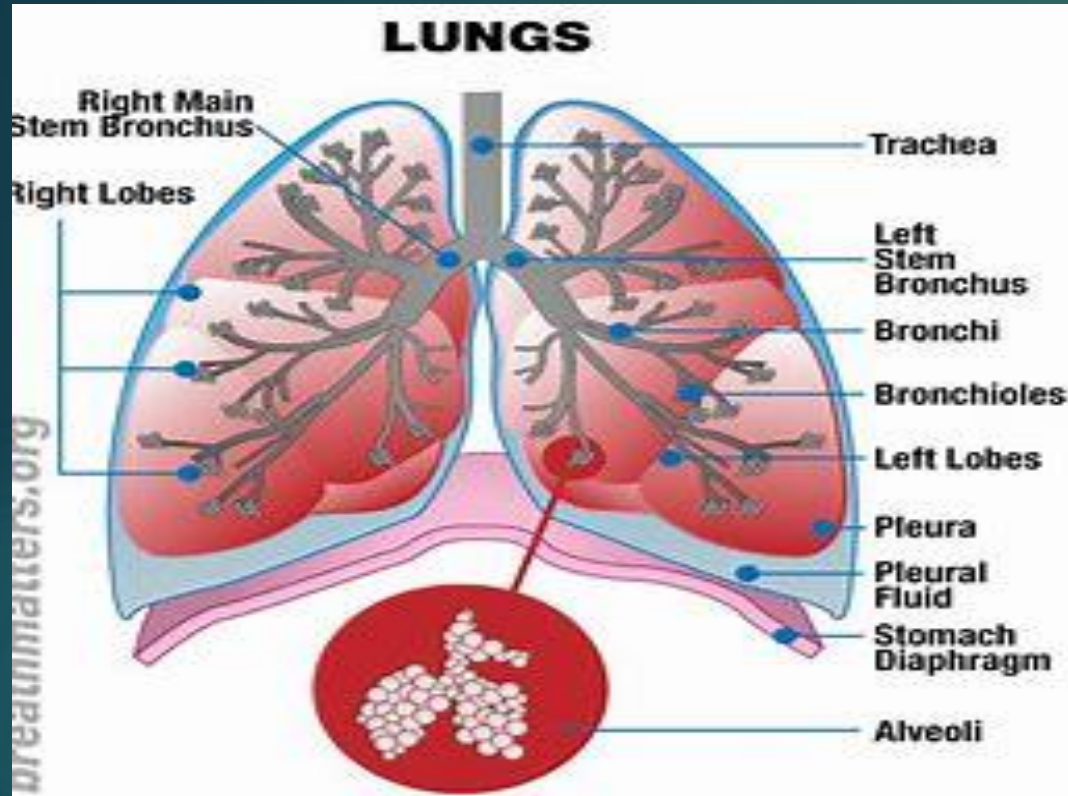


Pulmonary Tuberculosis

- ❖ Patient (Z) diagnosed with Pulmonary Tuberculosis.
- ❖ Tuberculosis (TB) is caused by a type of bacterium called *Mycobacterium tuberculosis*.
- ❖ It mainly affect the Lungs, but it can affect any part of the body. E.g., Tummy (abdomen), glands, bones and nerves system.
- ❖ There are two forms of Tuberculosis. Latent TB and Active TB.

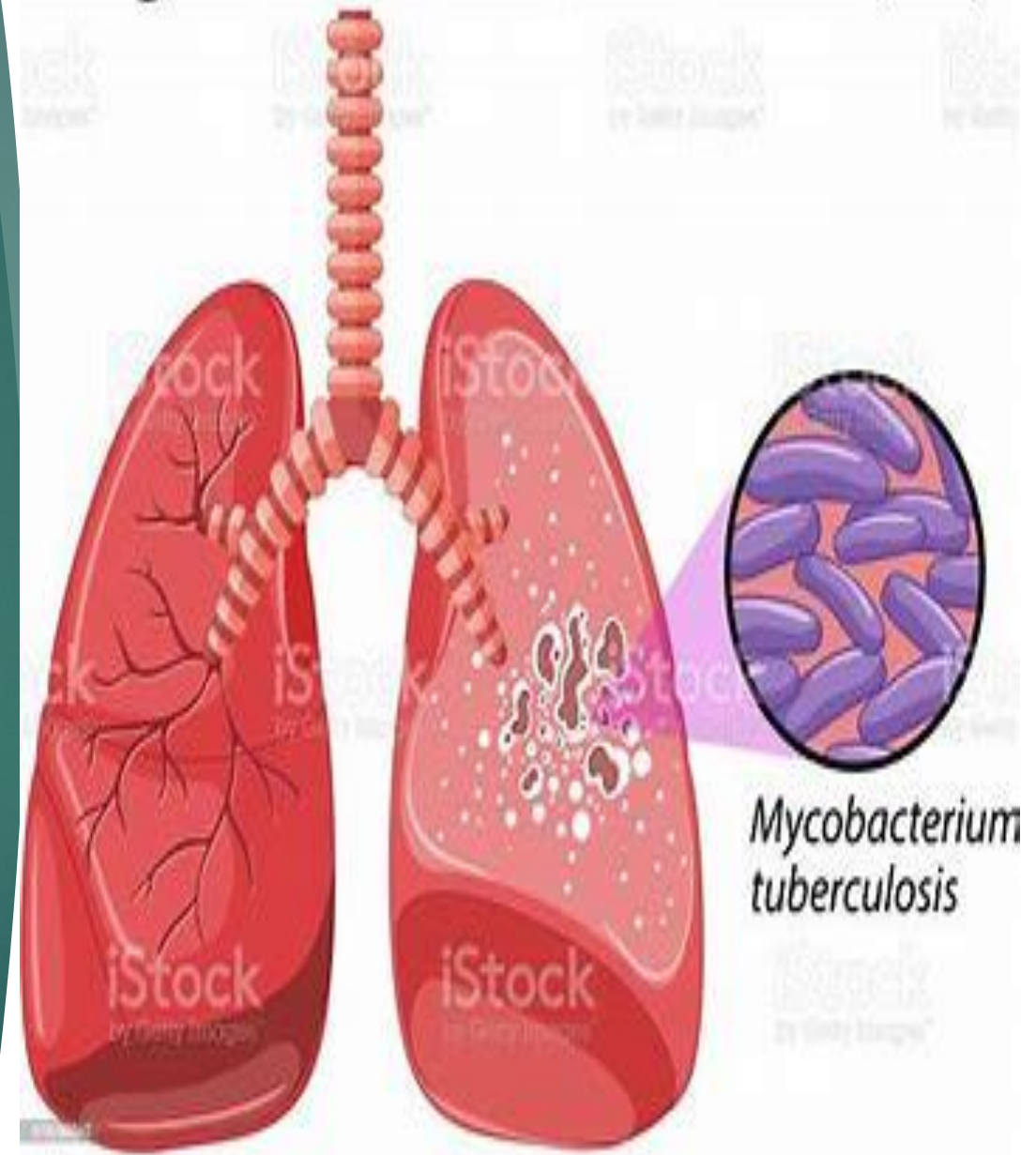
(Cattamanchi, 2018)

Anatomy and physiology



- Lungs are a major organ that is part of the respiratory system.
(Travers, 2021)

Lung infected with tuberculosis (TB)



Questionnaire

Patient Z

- Is Male and he is 30 years.
- Is new immigrants from east Africa and he is living with a lot of people.
- He had not any family history with Tuberculosis.
- Never drink any alcohol.
- Smokes 4-5 Cigarettes a day.
- Is Works full time and he spend most of the time in work.

(NHS)

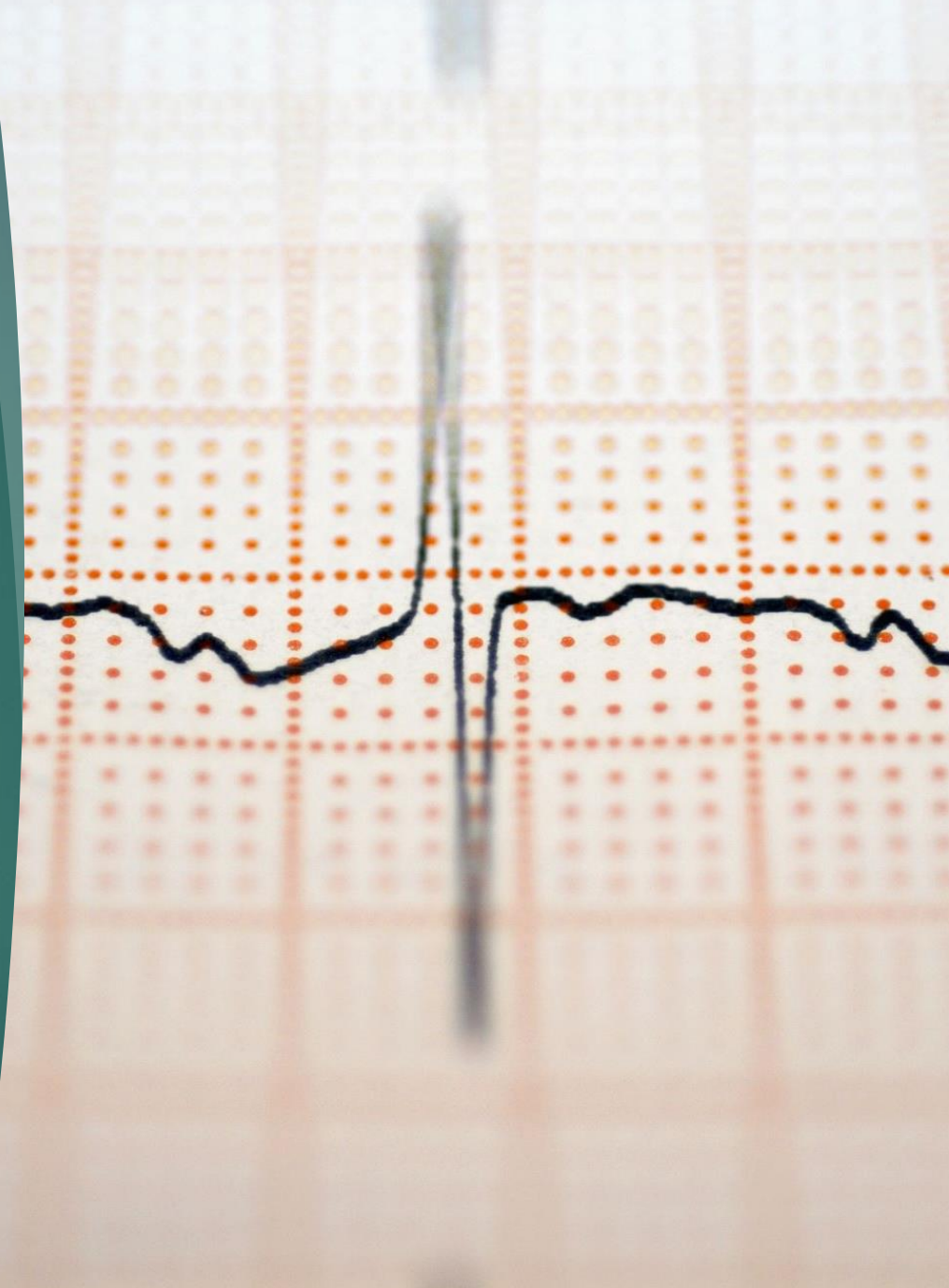
Lifestyle health-related information to patient Z

Patient Z

- He is going to the gym three times in a week.
 - He was not eat on time and he wasn't eat healthy food.
 - Regularly eat ready meals and sandwiches.
- (BHF,2012)

Health Risks

- Smoking increase the risk of TB relapse.
- Stop treatment with out consulting the treating doctor.
- Heart diseases & Kidney problems.
- Weakened immune system



Recommendations

- Take medication on time and complete the full course of treatment.
- Avoid smoking during the treatment period.
- Eat a minimum of 5 fruit and vegetables a day.
- Never skip your regular check-up schedule.

(Dayanand, 2021)

Conclusion

- In conclusion Tuberculosis disease is contagious and can be treated effectively. It affects any part of the body. Unhealthy lifestyles could be the cause and health risks are much greater without a change in lifestyle.

References

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