



Topic 2



Physical Examination Demonstration



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Lesson objectives

By the end of the topic students should be able to:-

- describe how to perform physical examination according to health problem of case study

Scope of topic



✓ Lungs
examination

✓ Hart
examination

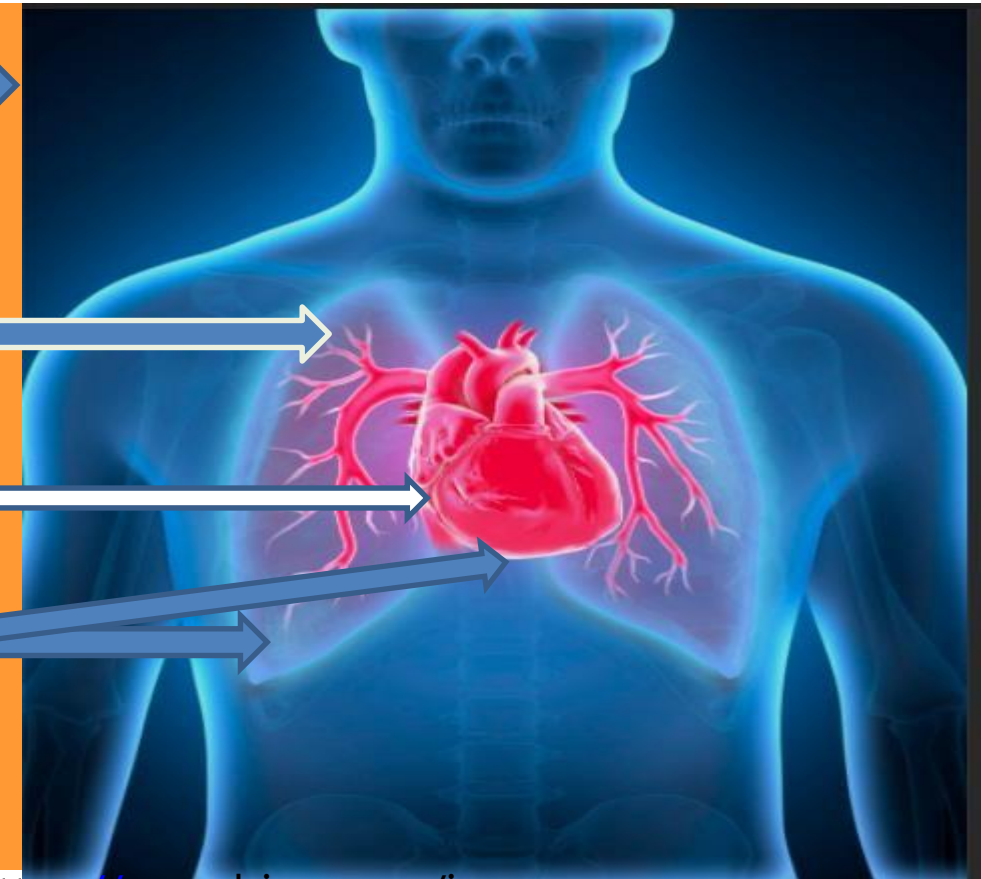
Case study

- The patient is a 55-year-old male. He has had 6 days of fever and headache. The highest fever was 38.2 °C.
- The patient states that he has had several days of yellowish mucus productive cough.
- He states that he was sometimes chest pain and shortness of breath, and feeling very tired.
- No other family members have had fever complaints, but the patient's wife had an upper respiratory infection last week that has resolved.

Problem: signs & symptoms

Problem: possible organ

- ✓ Fever and headache 6 days
- ✓ Yellowish mucus productive cough
- ✓ Chest pain
- ✓ Shortness of breath & feeling very tired



Picture from: <https://www.bing.com/images/search?view=detailV2&ccid=9KUtqOLv>



Selection area for PE

➤ Identify health problem from C.C. an P.I.

➤ General appearance,

➤ Vital signs: temperature, heart rate,
respiratory rate, blood pressure



➤ Upper and lower respiratory tracts and
the patient's heart



Physical examination techniques

- 1. Inspection (การดู)**
- 2. Palpation (การคลำ)**
- 3. Percussion (การเคาะ)**
- 4. Auscultation (การฟัง)**

Lungs Examination



Picture from: <https://efspecialists.co.uk/wp-content/uploads/2018/09/lung-disease.jpg>

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Lungs Examination

In summary, I performed a respiratory exam 55-year-old male. He had no peripheral stigmata or respiratory disease, and he had a slightly increased respiratory rate. He had normal chest contour however dullness to percussion notes on the front and back of the right chest.

On auscultation, found abnormal vesicular breathing with a crepitation sound at the right lower lob.

These present a respiratory abnormality examination.

Cardiovascular Examination

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Picture from:
<https://www.bing.com/images/search?view=detailV2&ccid=9KU tqOLv>

Cardiovascular Examination

In summary, I performed a cardiovascular exam on a 55-year-old male. On inspection, he had no peripheral evidence of cardiovascular disease.

On palpation, he had an un-displaced apex, and he had no heaves or thrill.

On auscultation, he had normal first and second heart sound with no murmur. This was a normal cardiovascular exam.



Summary

- ✓ The patient's problems are related to lower respiratory tract infection.
- ✓ Regarding chief complaint and present illness of productive cough, sometimes chest pain with shortness of breath, physical examination should perform with both upper and lower respiratory tract systems and heart for differential diagnosis.



Thank You!



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