pictures in clinical medicine

from dept. of medicine – mosul college of medicine

for undergraduate students

Every Tuesday we present 5 picture cases. The answers will be available a week later following the presentation.

new pictures of this week

March 18, 2014. Answers

This is a patient with bronchiectasis and lymphoeema. What is diagnosis?

[Image of yellow-nail syndrome]

Answer: This a case of yellow-nail syndrome.

This patient with IHD. What this picture is demonstrating? Answer: Nicotine staining.

[Image of nicotine staining]
What are the causes?

Answer: Gum hyperatrophy. In addition to local causes, we have numerous systemic causes like scurvy (also cause bleeding gum), acute myelogenic leukemia, anti-epileptic drug (phenytoin), etc.

What type of chest deformity is demonstrated in this picture? Mention the expected finding on 4 steps of chest examination? Answer barrel chest. Increase antero-posterior diameter, short trachea, tracheal tag, accessory muscles over action, hyperresonance chest with impaired cardiac and hepatic dullness, diminished breath sound, prolonged expiratory phase, rhonchi and/or crepitations.
This is a CT scan of 30-year-old male patient. What are the symptoms and signs that are expected to occur in this patient?

Answer: Bronchiectasis. Cough productive of large amount of purulent sputum especially at morning, hemoptysis may be a feature. Chest pain may be present. Coarse crepitation over the affected area is expected.

This is CXR of 55-years-old patient presented with wedge fracture of 3rd lumber vertebra. What is the most likely diagnosis? What are other features of this disease? Bronchogenic carcinoma. Local: e.g. chest pain, hemoptysis, etc. Systemic: anaemia, metastasis to bone, LN, liver, hornar syndrome, non-metastatic features in small cell carcinoma.