

Fire Chicken: Problem Handouts



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Fire Chicken

Part 1

Choi In Sung, 32-year-old male of Asian descent, presents to his family physician to seek treatment for chest pains. The patient appears frustrated and apprehensive. When questioned by the physician the patient provides the following information:

- The patient has been experiencing what he initially thought was indigestion following a dinner at his fiancée's house. When questioned further by the physician Mr. Choi explains that his fiancée, who is of European descent, is trying to learn how to stir fry. Her dish (Fire Chicken) was highly spicy, and Mr. Choi had encountered indigestion following the meal. However, when the indigestion continued for 48 hours Mr. Choi felt he should see a physician.
- Upon further questioning it is determined that the pain is localized to the center of the chest at approximately midsternal level.

Patient History and Preliminary Questions of the Patient:

- The patient has an unremarkable medical history. He is of average height, weight and muscular development for an individual of his age and ancestry.
- The pain is constant, but does periodically intensify, particularly during and after exercise.
- Lying down consistently makes the pain worse, as does deep breathing and coughing.

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Part 2

Continued questioning by the physician determines the following additional information:

- Nothing appears to totally eliminate the chest pain. However, in some instances sitting down and leaning forward tends to diminish the pain.
- Symptoms involving palpitations, shortness of breath, lightheadedness, or feeling like he was going to faint are not present.
- The patient has no history of heart problems, nor do any members of his family.
- The patient is not taking medications of any kind (prescription or over the counter) at this time.

Physical examination yields the following information:

- The patient has had a low-grade fever (39 deg C.) for the past three days, and has been sluggish.
- Blood pressure is 115/70 in both arms while in the supine position as well as while standing.
- Heart rhythm: regular
- Respiratory rate: 15, lungs sound clear
- Abdominal examination by palpation and auscultation: normal
- Genitourinary examination: normal
- Musculoskeletal examination: normal
- Neurological examination: normal
- HEENT examination: normal
- Cardiovascular examination by auscultation: Normal except for the finding of an abnormal sound in the precordial area.

Utilizing sound anatomical logic, consider the following questions:

1. What is the diagnosis for this patient?
2. What was the cause of the "abnormal" sound in the precordial area upon auscultation of the chest area?
3. How would this condition be treated?
4. If this condition was left untreated, would it be life threatening? If so, how would the patient's condition deteriorate, and what would be the ultimate cause of death?
5. Explain the 3-dimensional relationships between the pleural, mediastinal and pericardial cavities within the thoracic cavity. Be sure to include any subdivisions of these cavities in your discussions.

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Team and Self Assessment Form

Your name: _____

Please use the rating scale below to describe how you and your team members performed on each of the tasks listed associated with your PBL group's activities. The purpose of the grading is not to divide groups but to reward those making above average effort and to encourage those not giving their fair share to the group overall effort.

5 if Always 4 if Very Often 3 if Sometimes 2 if Rarely 1 if Never

PBL Group Number:

Please fill in PBL Group Members' *Last* Names (including your own)

Names _____ _____ _____ _____ _____

Completed assigned tasks _____ _____ _____ _____ _____

Contributed valuable
information to the group _____ _____ _____ _____

Attended group meetings _____ _____ _____ _____

Was honest in reporting
progress about his/her
assigned tasks _____ _____ _____ _____

Participated in writing
final report _____ _____ _____ _____



Now, ***please circle*** the rating below that you feel you would best describe your group's overall performance:

Very good

Good

Barely Acceptable

Poor

Very Poor



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PBL Self Evaluation Form

This evaluation form will not be utilized in assigning any grades. However, it is beneficial to reflect on any progress that you might have made in various areas as a result of participating in a PBL course. Therefore, please evaluate yourself utilizing the following scale.

Scale:

- 5 = Strongly agree
- 4 = Agree
- 3 = Neutral
- 2 = Disagree
- 1 = Strongly disagree

Your name: _____

As a result of my participation in PBL in Human Anatomy I feel that I have improved in the areas of:

1. Effective group participation _____
2. Effective group communication _____
3. Evaluation of myself (self evaluation) _____
4. Evaluation of others (peer evaluation) _____
5. Acquiring information to solve complex problems _____
6. Evaluation of the quality of information needed
to solve complex problems _____
7. Working effectively with others _____



8. Higher-order, critical thinking skills _____

Overall improvement rating of yourself: _____

5 = excellent; 4 = good; 3 = average; 2 = needs work; 1 = poor

