

Chamberlain University College of Nursing

BIOS 251: Anatomy and Physiology

Professor Zille

Scenario/Summary

The following clinical case will illustrate how basic core concepts learned during BIO251 are applied in the clinical setting.

A 22-year-old male presents to the emergency room complaining of abdominal pain, anorexia (loss of appetite), nausea, and fever. As you inquire further about the abdominal pain, the client/patient tells you that the pain started in the umbilical region six hours ago, and is now localized in the right lower quadrant of the abdomen.

After taking the patient's past medical history, you proceed to perform a physical examination. The findings of your physical exam show:

- Temperature of 102.3 F (39.056°C)
- Pain on palpation at the right lower quadrant

Due to the location of the appendix in the abdominal cavity, a diagnosis of appendicitis is suspected so the patient is sent to radiology to have a contrast CT performed to confirm this diagnosis.

Deliverables

Please address the following questions in complete sentences.

- 1. Using your knowledge of abdominal quadrants and regions, which abdominal quadrant/region is the organ implicated in located?**

Due to my knowledge of human anatomy, the organ is located in the right lower quadrant, specifically in the right Iliac region of the abdominal cavity.