

WK 1 CASE STUDY



Chamberlain University

BIOS251 Anatomy & Physiology I with Lab

Dr. Steven Barack

September 10, 2026

1. Where is the appendix located, and which quadrant is affected?

The appendix is located in the right lower abdomen and is attached to the cecum. The most typical location of the pain of appendicitis is in the right lower quadrant (RLQ)

2. What symptoms suggest appendicitis?

Common signs and symptoms of appendicitis include:

- Pain beginning at the umbilicus and migrating to the right lower quadrant (RLQ)
- Nausea and vomiting
- Decreased appetite
- Fever (high)
- Rebound tenderness, this is a pain when pressure is released.

3. Why is it helpful for nurses to know abdominopelvic quadrants?

Knowing the quadrants helps nurses to immediately determine which organs may be involved, clearly express results, and prioritize care and interventions.