**Week 5: Cardiovascular and Pulmonary Disorders 1 Oct/4**

An estimated 85.6 million American adults have some type of cardiovascular disease. Of these, 43.7 million are estimated to be over 60 years of age (American Heart Association, 2016). Cardiovascular disease is the leading cause of death among Americans over the age of 65 (Heron, 2019). Part of assessment of risk factors for coronary artery disease include blood pressure, cholesterol, and smoking. One of the challenges of the assessment of the cardiovascular system is that almost half of all older patients have cardiac disease, so distinguishing between normal and abnormal heart function may be a challenge (Kennedy-Malone et al., 2019).

This week, you explore assessment, diagnosis, and treatment of cardiovascular and pulmonary conditions that commonly impact geriatric patients by analyzing a case study and completing a written Assignment. As you complete your readings, consider risk factors that contribute to the development of cardiovascular and pulmonary disease, as well as strategies for treatment and prevention.

Learning Objectives

Students will:

* Evaluate patients presenting with cardiovascular or pulmonary disorders
* Develop differential diagnoses for patients with cardiovascular or pulmonary disorders
* Develop appropriate treatment plans, including diagnostics and laboratory orders, for patients with cardiovascular or pulmonary disorders
* Analyze the diagnosis and treatment of cardiovascular and pulmonary disorders

# Assignment: Assessing, Diagnosing, and Treating Cardiovascular and Pulmonary Disorders

*Photo Credit: Getty Images/RooM RF*

Cardiovascular conditions are among the leading causes of hospitalization and death among older adults, even though many of the risk factors that contribute to such conditions are preventable or manageable. In your role as an advanced practice nurse, you must be able to apply sound critical thinking and diagnostic reasoning skills to correctly assess and diagnosis these conditions. You also play an important role in helping patients manage disorders by planning necessary treatments, assessments, and follow-up care.

**To prepare:**

* Review the Week 5 Case Assignment document in the Learning Resources.
* Reflect on the patient’s symptoms and aspects of disorders that may be present.
* Consider how you might assess, perform diagnostic tests, and recommend medications to treat patients presenting with the symptoms in the case study.

**The Assignment:**

After reviewing the case and the accompanying case analysis questions, included in the document, answer the 10 questions directly in the Case Assignment document. When providing evidence to support your answers, be sure they evidenced-based, current (no more than 5 years old), and follow current standards of care. Follow APA 7th edition formatting.

#### By Day 7

Submit your Assignment.

### Submission and Grading Information

**To submit your completed Assignment for review and grading, do the following:**

* Please save your Assignment using the naming convention “WK5Assgn+last name+first initial.(extension)” as the name.
* Click the **Week 5 Assignment**link.
* Next, from the Attach File area, click on the **Browse My Computer** button. Find the document you saved as “WK5Assgn+last name+first initial.(extension)” and click **Open**.
* If applicable: From the Plagiarism Tools area, click the checkbox for **I agree to submit my paper(s) to the Global Reference Database**.
* Click on the **Submit** button to complete your submission.

Learning Resources

**[Required Readings](https://class.content.laureate.net/1800183d59e09513f98283cc6bb18902.html" \l "section_container_1716881496-accordion-31)**[(click to expand/reduce)](https://class.content.laureate.net/1800183d59e09513f98283cc6bb18902.html" \l "section_container_1716881496-accordion-31)

Kennedy-Malone, L., Martin-Plank, L., & Duffy, E. (2019). Chest disorders. In *Advanced practice nursing in the care of older adults* (2nd ed., pp. 152–214). F. A. Davis.

Kennedy-Malone, L., Martin-Plank, L., & Duffy, E. (2019). Peripheral vascular disorders. In *Advanced practice nursing in the care of older adults* (2nd ed., pp. 215–224). F. A. Davis.

**[Document:](https://class.content.laureate.net/bb0334b168ea7d0b08131529c58d86c9.docx" \o "Case Assignment)**[Week 5 Case Assignment (Word Document) (](https://class.content.laureate.net/bb0334b168ea7d0b08131529c58d86c9.docx" \o "Case Assignment)**[SEE ATTACH)](https://class.content.laureate.net/bb0334b168ea7d0b08131529c58d86c9.docx" \o "Case Assignment)**

See the case scenario attach to complete this assignment