

NR283 Pathophysiology

RUA: Pathophysiological Processes Guidelines

Purpose

This project is an in depth investigation of a health condition. It will allow for the expansion of knowledge and the ability to generalize larger concepts to a variety of health conditions.

Course outcomes: This assignment enables the student to meet the following course outcomes:

1. Explain the pathophysiologic processes of select health conditions. (PO 1)
2. Predict clinical manifestations and complications of select disease processes. (PO 1, 8)
3. Correlate lifestyle, environmental, and other influences with changes in levels of wellness. (PO 1, 7)

Due date: Your faculty member will inform you when this assignment is due. The Late Assignment Policy applies to this assignment.

Total points possible: 100 points

Preparing the assignment

Follow these guidelines when completing this assignment. Speak with your faculty member if you have questions.

- 1) Select a disease process that interests you.
- 2) Obtain approval of the selected disease process from the course faculty.
 - a. Faculty will share how to submit your topic choice for approval.
- 3) Write a 2-3 page paper (excluding title and reference pages).
- 4) Include the following sections about the selected disease process (detailed criteria listed below and in the Grading Rubric).
 - a. Introduction of disease - 20 points/20%
 - One paragraph (approximately 200 words)
 - Includes disease description
 - Includes epidemiology of disease
 - b. Etiology and risk factors - 20 points/20%
 - Common causes of the disease or condition
 - Risk factors for the disease or condition
 - Impact of age
 - Prevalence based on gender,
 - Influence of environment
 - Genetic basis of disease
 - Lifestyle influences
 - All information supported by current literature
 - c. Pathophysiological processes - 20 points/20%
 - Describes changes occurring at the cellular, tissue, and/or organ level that contribute to the disease process.
 - Describes adaptation of the cells and body in response to the disease.
 - Relates disease processes to manifested signs and symptoms.
 - d. Clinical manifestations and complications - 20 points/20%
 - Describes the physical signs and symptoms that are important in considering the presence of the disease.
 - Identifies signs that contribute to diagnosis of the condition
 - Identifies symptoms that contribute to diagnosis of the condition.
 - Identifies complications of the disease.
 - Discusses the implications to the patient when complications are left untreated.
 - e. Diagnostics - 10 points/10%
 - Includes list of common laboratory and diagnostic tests used to determine the presence of the disease.

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- Discusses the significance of test findings in relation to the disease process.
- f. APA Style and Organization - 10 points/10%
 - References are submitted with assignment.
 - Uses appropriate APA format (6th ed.) and is free of errors.
 - Grammar and mechanics are free of errors.
 - Paper is 2-3 pages, excluding title and reference pages
 - At least two (2) scholarly, primary sources from the last 5 years, excluding the textbook, are provided

For writing assistance (APA, formatting, or grammar) visit the [Citation and Writing Assistance: Writing Papers at CU](#) page in the online library.

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Grading Rubric

Criteria are met when the student's application of knowledge within the paper demonstrates achievement of the outcomes for this assignment.

Assignment Section and Required Criteria (Points possible/% of total points available)	Highest Level of Performance	High Level of Performance	Satisfactory Level of Performance	Unsatisfactory Level of Performance	Section not present in paper
Introduction of Disease (20 points/20%)	20 points	18 points	16 points	7 points	0 points
Required criteria 1. One (approximately 200 words) paragraph 2. Includes disease description 3. Includes epidemiology of disease	Includes no fewer than 3 requirements for section.	Includes no fewer than 2 requirements for section.	Includes no less than 1 requirement for section.	Present, yet includes no required criteria.	No requirements for this section presented.
Etiology and Risk Factors (20 points/20%)	20 points	18 points	16 points	7 points	0 points
Required criteria 1. Common causes of the disease or condition 2. Risk factors for the disease or condition 3. Impact of age 4. Prevalence based on gender 5. Influence of environment 6. Genetic basis of disease 7. Lifestyle influences 8. All information supported by current literature	Includes no fewer than 8 requirements for section.	Includes no fewer than 7 requirements for section.	Includes no fewer than 6 requirements for section.	Includes 5 or fewer requirements for section.	No requirements for this section presented.
Pathophysiological Processes (20 points/20%)	20 points	18 points	16 points	7 points	0 points
Required criteria 1. Describes changes occurring at the cellular, tissue, and/or organ level that contribute to the disease process. 2. Describes adaptation of the cells and body in response to the disease. 3. Relates disease processes to manifested signs and symptoms.	Includes no fewer than 3 requirements for section.	Includes no fewer than 2 requirements for section.	Includes no less than 1 requirements for section.	Section present, yet includes no required criteria.	No requirements for this section presented.

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Clinical Manifestations & Complications (20 points/20%)	20 points	18 points	16 points	7 points	0 points
<p>Required criteria</p> <p>Describes the physical signs and symptoms that are important in considering the presence of the disease.</p> <ol style="list-style-type: none"> 1. Identifies signs that contribute to diagnosis of the condition 2. Identifies symptoms that contribute to diagnosis of the condition. 3. Identifies complications of the disease. 4. Discusses the implications to the patient when complications are left untreated. 	Includes no fewer than 4 requirements for section.	Includes no fewer than 3 requirements for section.	Includes no fewer than 2 requirements for section.	Includes 1 or fewer requirements for section.	No requirements for this section presented.
Diagnostics (10 points/10%)	10 points			4 points	0 points
<p>Required criteria</p> <ol style="list-style-type: none"> 1. Includes list of common laboratory and diagnostic tests used to determine the presence of the disease. 2. Discusses the significance of test findings in relation to the disease process. 	Includes no fewer than 2 requirements for section.			Includes 1 or less requirement for section.	No requirements for this section presented.
APA Style and Organization (10 points/10%)	10 points	9 points	8 points	4 points	0 points
<p>Required criteria</p> <ol style="list-style-type: none"> 1. References are submitted with assignment. 2. Uses appropriate APA format (6th ed.) and is free of errors. 3. Grammar and mechanics are free of errors. 4. Paper is 2-3 pages, excluding title and reference pages 5. At least two (2) scholarly, primary sources from the last 5 years, excluding the textbook, are provided 	Includes no fewer than 5 requirements for section.	Includes no fewer than 4 requirements for section.	Includes no fewer than 3 requirements for section.	Includes 1-2 requirements for section.	No requirements for this section presented.
Total Points Possible = 100 points					