

**CN4002: Genetics and Genomics:** Analyze the nurse’s role in the delivery of genetic- and genomic-related healthcare.

**Assessment Rubric**

Rubric Criteria	Does Not Meet Expectations	Meets Expectations	Exceeds Expectations
<b>Module 1: Screening, Diagnosis, Treatment, and Pharmacogenetics</b>			
<p><b>Fact Sheet: Provide a brief history of the genetic-based health issue you selected, including a description of the genetic-based health issue.</b></p> <p>Learning Objective 1.1: Describe genetic-based health issues including history</p>	<p>Fact sheet does not provide an adequate history of the genetic-based health issue you selected or does not adequately describe the genetic-based health issue.</p>	<p>Fact sheet adequately provides a brief history of the genetic-based health issue you selected and adequately describes the genetic-based health issue.</p>	<p>Fact sheet clearly and completely provides a brief history of the genetic-based health issue you selected and clearly and completely describes the genetic-based health issue.</p>
<p><b>Fact Sheet: Analyze statistical information on the genetic-based health issue you selected. Be sure to support the statistical information on the genetic-based health issue you selected with evidence from at least three additional scholarly resources.</b></p>	<p>Fact sheet does not adequately analyze statistical information on the selected genetic-based health issue based on evidence from at least three additional scholarly resources.</p>	<p>Fact sheet adequately analyzes statistical information on the selected genetic-based health issue using evidence from at least three additional scholarly resources.</p>	<p>Fact sheet clearly and completely analyzes statistical information on the selected genetic-based health issue using clear, accurate, and complete evidence from at least three additional scholarly resources.</p>

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Learning Objective 1.2: Analyze statistical information on genetic-based health issues			
<b>Fact Sheet: Summarize the characteristic signs and symptoms associated with the genetic-based health issue you selected.</b>  Learning Objective 1.3: Summarize characteristic signs and symptoms of genetic-based health issues	Fact sheet does not adequately summarize the characteristic signs and symptoms associated with the selected genetic-based health issue.	Fact sheet adequately summarizes the characteristic signs and symptoms associated with the selected genetic-based health issue.	Fact sheet clearly, accurately, and completely summarizes the characteristic signs and symptoms association with the selected genetic-based health issue.
<b>Fact Sheet: Explain how patients are screened, diagnosed, and treated for the genetic-based health issue you selected.</b>  Learning Objective 1.4: Explain screening, diagnosis, and treatment procedures for genetic-based health issues	Fact sheet does not adequately explain how patients are screened, diagnosed, and treated for the selected genetic-based health issue.	Fact sheet adequately explains how patients are screened, diagnosed, and treated for the selected genetic-based health issue.	Fact sheet clearly, accurately, and completely explains how patients are screened, diagnosed, and treated for the selected genetic-based health issue.
<b>Fact Sheet: Describe patient screening and diagnoses related to</b>	Fact sheet does not adequately describe patient screening and	Fact sheet adequately describes patient screening and diagnoses related to	Fact sheet clearly, accurately, and completely describes patient screening

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<p><b>the genetic-based health issue you selected.</b></p> <p>Learning Objective 1.5: Describe patient screening and diagnoses for genetic-based health issues</p>	<p>diagnoses related to the selected genetic-based issue.</p>	<p>the selected genetic-based health issue.</p>	<p>and diagnoses related to the selected genetic-based issue.</p>
<p><b>Fact Sheet: Explain any medications that may be used to treat the genetic-based health issue you selected.</b></p> <p>Learning Objective 1.6: Explain medications used to treat genetic-based health issues</p>	<p>Fact sheet does not adequately explain any medications that may be used to treat the selected genetic-based health issue.</p>	<p>Fact sheet adequately explains any medications that may be used to treat the selected genetic-based health issue.</p>	<p>Fact sheet clearly, accurately, and completely explains any medications that may be used to treat the selected genetic-based health issue.</p>
<p><b>Fact Sheet: Explain whether pharmacogenomics are being used to treat the genetic-based health issue you selected.</b></p> <p>Learning Objective 1.7: Analyze the use of pharmacogenomics in</p>	<p>Fact sheet does not adequately explain whether pharmacogenomics are being used to treat the selected genetic-based health issue.</p>	<p>Fact sheet adequately explains whether pharmacogenomics are being used to treat the selected genetic-based health issue.</p>	<p>Fact sheet clearly and completely explains whether pharmacogenomics are being used to treat the selected genetic-based health issue.</p>

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genetic-based health issues			
<p><b>Explain whether research in pharmacogenomics is being conducted for the genetic-based health issue you selected by providing two examples.</b></p> <p>Learning Objective 1.8: Analyze research in pharmacogenomics aimed at addressing genetic-based health issues</p>	<p>Fact sheet does not adequately explain whether research in pharmacogenomics is being conducted for the selected genetic-based health issue or does not provide two examples.</p>	<p>Fact sheet adequately explains whether research in pharmacogenomics is being conducted for the selected genetic-based health issue and provides two adequate examples of such research.</p>	<p>Fact sheet clearly and completely explains whether research in pharmacogenomics is being conducted for the selected genetic-based health issue and provides two clear and thoughtful examples of such research.</p>
<b>Module 2: Understanding the Nurse’s Role in Genetics and Genomics</b>			
<p><b>Written Response: Explain the nurse’s role in advocating for the patient diagnosed with the genetic-based health issue you selected for your fact sheet.</b></p> <p>Learning Objective 2.1: Analyze the nurse’s role in advocating for patients diagnosed with genetic-based health issues</p>	<p>Written response does not adequately explain the nurse’s role in advocating for the patient diagnosed with the selected genetic-based health issue.</p>	<p>Written response adequately explains the nurse’s role in advocating for the patient diagnosed with the selected genetic-based health issue.</p>	<p>Written response clearly and completely explains the nurse’s role in advocating for the patient diagnosed with the selected genetic-based health issue.</p>
<b>Module 3: Ethical Considerations</b>			

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<p><b>Written Response: Explain the ethical considerations nurses should be prepared to address with patients as they consider information presented in the fact sheet.</b></p> <p>Learning Objective 3.1: Analyze ethical considerations in presenting information on genetic-based disease with patients</p>	<p>Written response does not adequately explain the ethical considerations that nurses should be prepared to address with patients as they consider information presented about genetic-based health issues.</p>	<p>Written response adequately explains the ethical considerations that nurses should be prepared to address with patients as they consider information presented about genetic-based health issues.</p>	<p>Written response clearly and completely explains the ethical considerations that nurses should be prepared to address with patients as they consider information presented about genetic-based health issues.</p>
<p><b>Written Response: Support these considerations with evidence from at least three scholarly resources in addition to the resources for this Competency Assessment.</b></p> <p>Learning Objective 3.2: Support suggestions about ethical considerations with scholarly information</p>	<p>Written response does not adequately support the considerations with evidence from at least three scholarly resources in addition to the resources presented in the Competency Assessment.</p>	<p>Written response adequately supports the considerations with evidence from at least three scholarly resources in addition to the resources presented in the Competency Assessment.</p>	<p>Written response clearly and completely supports the considerations with evidence from at least three scholarly resources in addition to the resources presented in the Competency Assessment.</p>

**Professional Skills Assessment**

Professional Writing			
<b>Professional Writing: Clarity, Flow, and Organization</b>	Content contains significant spelling, punctuation, and/or grammar/syntax errors.	Content contains few spelling, punctuation, and/or grammar/syntax	Content is free from spelling, punctuation, and grammar/syntax errors.

	Writing does not demonstrate adequate sentence and paragraph structure and requires additional editing/proofreading. Key sections of presented content lack clarity, logical flow, and/or organization.	errors. Writing demonstrates adequate sentence and paragraph structure and may require some editing. Content presented is satisfactorily clear, logical, and/or organized, but could benefit from additional editing/revision.	Writing demonstrates appropriate sentence and paragraph structure. Content presented is clear, logical, and well-organized.
<b>Professional Writing: Context, Audience, Purpose, and Tone</b>	Content minimally or does not demonstrate awareness of context, audience, and/or purpose. Writing is not reflective of professional/scholarly tone and/or is not free of bias. Style is inconsistent with the professional setting/workplace context and reflects the need for additional editing.	Content demonstrates satisfactory awareness of context, audience, and purpose. Tone is adequately professional, scholarly, and/or free from bias, and style is mostly consistent with the professional setting/workplace context.	Content clearly demonstrates awareness of context, audience, and purpose. Tone is highly professional, scholarly, and free from bias, and style is appropriate for the professional setting/workplace context.
<b>Professional Writing: Originality, Source Credibility, and Attribution of Ideas</b>	Content does not adequately reflect original writing and/or paraphrasing. Writing demonstrates inconsistent adherence to reference requirements, including the use of credible evidence to support a claim, with appropriate source attribution (when applicable) and reference. There are	Content adequately reflects original writing and paraphrasing. Writing demonstrates adequate adherence to reference requirements, including the use of credible evidence to support a claim, with appropriate source attribution (when applicable) and references.	Content reflects original thought and writing and proper paraphrasing. Writing demonstrates full adherence to reference requirements, including the use of credible evidence to support a claim, with appropriate source attribution (when applicable) and references.

	numerous and/or significant errors.	There are one or two minor errors.	
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