Assignment 1: Case Study Assignment: Assessment Tools and Diagnostic Tests in Adults

When seeking to identify a patient’s health condition, advanced practice nurses can use a diverse selection of diagnostic tests and assessment tools; however, different factors affect the validity and reliability of the results produced by these tests or tools. Nurses must be aware of these factors in order to select the most appropriate test or tool and to accurately interpret the results.

Not only do these diagnostic tests affect adults. These data, however, are just one aspect to be considered. Lifestyle, family history, and culture—among other factors—are also relevant. That said, gathering and communicating this information can be a delicate process.

For this Assignment, you will consider the validity and reliability of different assessment tools and diagnostic tests. You will explore issues such as sensitivity, specificity, and positive and negative predictive values.

* By Day 1 of this week, you will be assigned to one of the following Assignment options by your Instructor: Adult Assessment Tools or Diagnostic Test. Fecal occult Blood Test.
* Search the Walden Library and credible sources for resources explaining the tool or test you were assigned. What is its purpose, how is it conducted, and what information does it gather?
* Also, as you search the Walden library and credible sources, consider what the literature discusses regarding the validity, reliability, sensitivity, specificity, predictive values, ethical dilemmas, and controversies related to the test or tool.

The Assignment

**Assignment** (3–4 pages, not including title and reference pages)**:**

**Assignment Option 1: Adult Assessment Tools or Diagnostic Tests:**  
Include the following:

* A description of how the assessment tool or diagnostic test you were assigned is used in healthcare.
  + What is its purpose?
  + How is it conducted?
  + What information does it gather?
* Based on your research, evaluate the test or the tool’s validity and reliability, and explain any issues with sensitivity, reliability, and predictive values. Include references in appropriate APA formatting.

Rubric

#### In 3–4 pages, address the following: A description of how the assessment tool or diagnostic test you were assigned is used in healthcare. o What is its purpose? o How is it conducted? o What information does it gather?

The response clearly, accurately, and with specific detail describes how the assessment tool or diagnostic test assigned is used in healthcare, including its purpose, how it is conducted, and what information it gathers.

#### Based on your research, evaluate the test or the tool’s validity and reliability, and explain any issues with sensitivity, reliability, and predictive values.

The response accurately and thoroughly evaluates the test or tool's validity and reliability, and explains any issues with clear sensitivity, reliability, and predictive values. Student's research is clear, accurate, and appropriate for the evaluation.

#### Written Expression and Formatting - Paragraph Development and Organization: Paragraphs make clear points that support well-developed ideas, flow logically, and demonstrate continuity of ideas. Sentences are carefully focused--neither long and rambling nor short and lacking substance. A clear and comprehensive purpose statement and introduction are provided that delineate all required criteria.

Paragraphs and sentences follow writing standards for flow, continuity, and clarity. A clear and comprehensive purpose statement, introduction, and conclusion are provided that delineate all required criteria.

#### Written Expression and Formatting - English writing standards: Correct grammar, mechanics, and proper punctuation--

Uses correct grammar, spelling, and punctuation with no errors.

#### Written Expression and Formatting - The paper follows correct APA format for title page, headings, font, spacing, margins, indentations, page numbers, running heads, parenthetical/in-text citations, and reference list.--

Uses correct APA format with no errors.