

Metacognitive Analysis Assignment

The Metacognitive Analysis assignment is designed to examine the process of clinical decision making and reasoning. The purpose of this assignment is to guide you in examining your own behaviors when making clinical decisions and to introduce the concept of using evidence-based data to justify or refute diagnostic decisions.

Students are to complete this assignment individually.

1. Read the following article regarding clinical decision making and reasoning.
 - a. [Teaching doctors how to think](#) by Richard Senelick
2. Recall a clinical patient case that we have worked through in CI seminar. Reflect on your personal use of intuitive and analytic processes throughout the case.
3. Investigate one diagnostic decision made in the case. Search for and choose one peer-reviewed journal article that provides evidence to support or refute that decision. Articles must be recent and published within the past 5 years.
4. Write a one-to-two-page paper addressing the following components:
 - a. Identify two instances in the case that you used analytic reasoning to make a decision.
 - b. Identify two instances in the case that you used intuitive reasoning to make a decision.
 - c. Summarize the data from the evidence (#3 above) and describe how it is pertinent to the initial diagnostic decision you identified (#3 above).
 - d. Discuss how having this evidence (#3 above) might influence the way you approach similar patients in the future.
5. Submit paper and supporting article.

The Metacognitive Analysis assignment will be graded using the rubric attached to this assignment in the PA 636 course.

Guidelines for paper:

- One to two pages
- Double-spaced
- Arial or Times New Roman 12-point font
- One-inch margins
- Cite source using AMA style (within the text of paper and in references)

[This file is supplemental material to Luck et al, *Does Metacognition Matter? Prompting students to think about how they think*, prompt 9.1 (2025), doi: 10.31719/pjaw.v9i1.201]