**Research Critique, Part 2**

To write a critical appraisal that demonstrates comprehension of the research study conducted, and respond to **each** of the action items listed under the headings below. Successful completion of this assignment requires that you provide a rationale, include examples, or reference content from the study in your response.

**CRITICAL APPRAISAL GUIDELINES: QUANTITATIVE STUDY**

Introduction

* Develop a topic sentence in which you will define the purpose of the Research Critique, Part 2
* Formulate a thesis statement which briefly provides a broad indication of your point of view in composing this assignment.
* Include a summary outline to describe the organization and main topics you will include in the body paragraphs of the assignments (see below sections).

Protection of Human Participants

* Identify the benefits and risks of participation addressed by the authors. Were there benefits or risks the authors do not identify?
* Was informed consent obtained from the subjects or participants?
* Did it seem that the subjects participated voluntarily in the study?
* Was institutional review board approval obtained from the agency in which the study was conducted?

Data Collection

* Are the major variables (independent and dependent variables) identified and defined? What were these variables?
* How were data collected in this study?
* What rationale did the author provide for using this data collection method?
* Identify the time period for data collection of the study.
* Describe the sequence of data collection events for a participant.

Data Management and Analysis

* Describe the data management and analysis methods used in the study.
* Did the author discuss how the rigor of the process was assured? For example, does the author describe maintaining a paper trail of critical decisions that were made during the analysis of the data? Was statistical software used to ensure accuracy of the analysis?
* What measures were used to minimize the effects of researcher bias (their experiences and perspectives)? For example, did two researchers independently analyze the data and compare their analyses?

Findings / Interpretation of Findings: Implications for Practice and Future Research

* What is the researcher’s interpretation of findings?
* Are the findings valid or an accurate reflection of reality? Do you have confidence in the findings?
* What limitations of the study were identified by researchers?
* Was there a coherent logic to the presentation of findings?
* What implications do the findings have for nursing practice? For example, can the study findings be applied to general nursing practice, to a specific population, to a specific area of nursing?
* What suggestions are made for further studies?

Conclusion

* Emphasize the importance and congruity of the thesis statement
* Provide a logical wrap-up to bring the appraisal to completion and to leave a lasting impression and take-away points useful in nursing practice.
* Incorporate a critical appraisal and a brief analysis of the utility and applicability of the findings to nursing practice.
* Integrate a summary of the knowledge learned.

Reference

Burns, N., & Grove, S. (2011). *Understanding Nursing Research* (5th ed.). Elsevier. ISBN-13: 9781437707502