# Research Article Critique

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| Author: |  | Year Published: |  |
| Article Title: |  | | |
| Journal: |  | | |

Summary of the Research Topic

1. What is being studied and why is this relevant?
2. Briefly summarize the background literature for this topic.
3. What is the research question?
4. What is the hypothesis?

Methods

1. What is the study design?
   1. What are the limitations of such a design?
2. What is the dependent variable (outcome)? The independent variable (predictor)? What control variables are included?
3. Describe the study sample. Population studied? Inclusion/exclusion criteria? Final sample size? Statistical power?
4. Method of measurement? Data collection strategy?
5. What analytical methods were used to determine the results?

Results

1. What were the findings?
2. Did the results achieve statistical significance? Comment on the Minimal Clinically Important Difference (MCID), the Minimal Clinically Important Improvement (MCII) and/or Patient Acceptable Symptom State (PASS).
3. What are the authors’ conclusions?

Critique

1. What are the possible threats to internal validity (history, maturation, testing, instrumentation, regression artifact, selection bias, experimental mortality, design contamination)?
2. What are the possible threats to external validity (generalizability)?
3. What opportunities exist to drive new research projects within the department based upon findings or limitations of this study? How would you design a new research project based on this study?