**APPENDIX F**

**Appraisal Guide:**

**Findings of a Quantitative Study**

APA Formatted Citation: (4 pts.)

Answer Here:

**Synopsis**(16 pts.)

1. What was the purpose of the study (research questions, purposes, and hypotheses)?

Answer Here:

1. How was the sample obtained?

Answer Here:

1. What inclusion or exclusion criteria were used?

Answer Here:

1. Who from the sample actually participated or contributed data (demographic or clinical profile and dropout rate)?

Answer Here:

1. What methods were used to collect data (e.g., sequence, timing, types of data, and measures)?

Answer Here:

1. Was an intervention tested? Answer Yes or No
2. How was the sample size determined?

Answer Here:

1. Were patients randomly assigned to treatment groups?

Answer Here:

1. What are the main findings of the study? (10 pts.)

Answer Here:

|  |  |  |  |
| --- | --- | --- | --- |
| **Credibility**(14 pts.) | **Yes** | **No** | **Not Clear** |
| Is the study published in a source that required peer review?  |  |  |  |
| \*Did the data obtained and the analysis conducted answer the research question?  |  |  |  |
| Were the measuring instruments reliable and valid? |  |  |  |
| \*Were important extraneous variables and bias controlled? |  |  |  |
| \*If an intervention was tested, answer the following five questions: |  |  |  |
| Were participants randomly assigned to groups and were the two groups similar at the start (before the intervention)? |  |  |  |
| Were the interventions well defined and consistently delivered? |  |  |  |
| Were the groups treated equally other than the difference in interventions? |  |  |  |
| If no difference was found, was the sample size large enough to detect a difference if one existed? |  |  |  |
| If a difference was found, are you confident it was due to the intervention? |  |  |  |
| Are the findings consistent with findings from other studies? |  |  |  |
|  | **All** | **Some** | **No** |
| **ARE THE FINDINGS CREDIBLE?**  |  |  |  |
|  |  |  |  |

**Clinical Significance**(6 pts.)

1. Note any difference in means, r2s, or measures of clinical effects (ABI, NNT, RR, OR)

Answer Here:

|  |  |  |  |
| --- | --- | --- | --- |
|  | **Yes** | **No** | **Not Clear** |
| \*Is the target population clearly described? |  |  |  |
| \*Is the frequency, association, or treatment effect impressive enough for you to be confident that the finding would make a clinical difference if used as the basis for care? |  |  |  |
|  | **All** | **Some** | **No** |
| **ARE THE FINDINGS CLINICALLY** **SIGNIFICANT?** |  |  |  |

\*= Important criteria

Comments

Answer Here: