APPENDIX 3: Critical Appraisal Tool

THE IMPACT OF HEALTH LITERACY ENVIRONMENT ON PATIENT STRESS
CRITICAL APPRAISAL OF EVIDENCE OF EFFECTIVENESS

Reviewer: ___________________________ Date: ______________

Author: ___________________________ Year: _________ Record Number: ______

SCREENING QUESTIONS

I. Is the study one of the following quantitative designs?

   Experimental/Quasi-Experimental. Includes treatment/intervention

   RCT ☐ Controlled ☐ Controlled Before ☐ Interrupted ☐ Pre-post study ☐
   Trial ☐ Controlled Before and After ☐ Time Series

   Non-experimental. No treatment/intervention

   Cohort study ☐ Case Control ☐ Case study or case series ☐ Cross-sectional survey ☐

II. Is the study one of the following qualitative designs?

   Generalisable studies ☐ Conceptual studies ☐ Descriptive studies ☐ Single case studies ☐

III. If the study does not include data collection and analysis: STOP NOW ☐

If the study is an empirical study, appraise the quality of the reported research using the questions below.
| Q No. | Appraisal Question                                                                 | Yes | No | Can’t tell or Mixed response |
|-------|------------------------------------------------------------------------------------|-----|----|-----------------------------|
| 1     | Is the purpose of the study clear and well defined?                                | 2   | 0  | 1                           |
| 2     | Is the population well defined and properly selected?                              | 2   | 0  | 1                           |
| 3     | Are the methods clearly described and appropriate for the type of study reported?  | 2   | 0  | 1                           |
| 4     | Are the results presented in a clear and understandable format?                    | 2   | 0  | 1                           |
| 5     | Does the interpretation of the results seem consistent with the results presented? | 2   | 0  | 1                           |
| 6     | Are there any other explanations that could account for these results?             | 0   | 2  | 1                           |

Total score: (Maximum of 12)

**RECOMMENDATION:**

Include [ ]

Exclude [ ]

Seek further information [ ]

Comments (including reasons for exclusions): ________________________________________________________________

(Questions derived from Oxman & Guyatt, 1994; JBI Criteria;