JBI Critical Appraisal Checklist for   
systematic reviews and research syntheses

Journal Title: Impact of Preoperative Patient Education on Postoperative Recovery in Abdominal Surgery: A Systematic Review

Reviewer **BLESSY MAE T. BREGANZA, RN** \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_ Date\_\_5/27/2024\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_

Author: Brodersen, F., Wagner, J., Uzunoglu, F. G., & Petersen‐Ewert, C. Year\_\_2023\_Record Number\_\_\_\_\_\_\_\_\_

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| --- | --- | --- | --- | --- |
|  | Yes | No | Unclear | Not applicable |
| 1. Is the review question clearly and explicitly stated? | □ | □ | □ | □ |
| 1. Were the inclusion criteria appropriate for the review question? | □ | □ | □ | □ |
| 1. Was the search strategy appropriate? | □ | □ | □ | □ |
| 1. Were the sources and resources used to search for studies adequate? | □ | □ | □ | □ |
| 1. Were the criteria for appraising studies appropriate? | □ | □ | □ | □ |
| 1. Was critical appraisal conducted by two or more reviewers independently? | □ | □ | □ | □ |
| 1. Were there methods to minimize errors in data extraction? | □ | □ | □ | □ |
| 1. Were the methods used to combine studies appropriate? | □ | □ | □ | □ |
| 1. Was the likelihood of publication bias assessed? | □ | □ | □ | □ |
| 1. Were recommendations for policy and/or practice supported by the reported data? | □ | □ | □ | □ |
| 1. Were the specific directives for new research appropriate? | □ | □ | □ | □ |

Overall appraisal: Include Exclude □ Seek further info □

Comments (Including reason for exclusion)

Overall, the author could have focused on a particular category of educational intervention since the issue pertaining to the difficulty of comparison was acknowledged. The differences on the educational interventions included by the author would yield insignificant results if studies showed that some interventions are superior in terms of effectiveness in postoperative recovery than the other. Thus, the researcher recommends future systematic reviews that apply the PICO scheme on narrowing the data sets to limit the intervention section since the interventions themselves provide the data on practicability of medical personnel to patients.

**REFERENCE:**

Brodersen, F., Wagner, J., Uzunoglu, F. G., & Petersen‐Ewert, C. (2023). Impact of preoperative patient education on postoperative recovery in Abdominal Surgery: a Systematic review. *World Journal of Surgery*, *47*(4), 937–947. https://doi.org/10.1007/s00268-022-06884-4