**JBI Critical Appraisal Checklist For Randomized Controlled Trials**

|  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- |
| **Kriteria Penilaian JBI** | **Kambale et al. 2023** | **Anjum, Bilal Ali et al. 2022** | **Shyoran, Rajesh et al. 2024** | **Ragavan et al. 2020** | **Fox et al. 2015** | **Basturk et al.**  **2020** | **Mai, Truong Tuyet et al. 2021** |
| Was true randomization used for assignment of participants to treatment groups? | Yes | Yes | Yes | Yes | Yes | Yes | Yes |
| Was allocation to treatment groups concealed? | No | No | Yes | No | No | No | No |
| Were treatment groups similar at the baseline? | Yes | Yes | Yes | Yes | Yes | Yes | Yes |
| Were participants blind to treatment assignment? | No | No | No | No | No | Yes | No |
| Were those delivering treatment blind to treatment assignment? | No | No | No | No | No | Yes | No |
| Were outcomes assessors blind to treatment assignment? | No | No | No | No | No | Yes | No |
| Were treatment groups treated identically other than the intervention of interest? | Yes | Yes | Yes | Yes | Yes | Yes | Yes |
| Was follow up complete and if not, were differences between groups in terms of their follow up adequately described and analyzed? | Yes | Yes | Yes | Yes | Yes | Yes | Yes |
| Were participants analyzed in the groups to which they were randomized? | Yes | Yes | Yes | Yes | Yes | Yes | Yes |
| Were outcomes measured in the same way for treatment groups? | Yes | Yes | Yes | Yes | Yes | Yes | Yes |
| Were outcomes measured in a reliable way? | Yes | Yes | Yes | Yes | Yes | Yes | Yes |
| Was appropriate statistical analysis used? | Yes | Yes | Yes | Yes | Yes | Yes | Yes |
| Was the trial design appropriate, and any deviations from the standard RCT design (individual randomization, parallel groups) accounted for in the conduct and analysis of the trial? | Yes | Yes | Yes | Yes | Yes | Yes | Yes |
| **Total** | **9/13** | **9/13** | **10/13** | **9/13** | **9/13** | **12/13** | **9/13** |

**JBI Checklist For Quasi-Experimental Studies**

|  |  |
| --- | --- |
| **Kriteria Penilaian JBI** | **Rehman et al. 2022** |
| Bias related to temporal precedence | Yes |
| Bias related to selection and allocation | Yes |
| Bias related to confounding factors | Yes |
| Bias related to administration of intervention/exposure | Yes |
| Bias related to participant retention | Yes |
| Statistical Conclusion Validity | Yes |
| **Total** | **6/6** |

**JBI Critical Appraisal Checklist For Diagnostic Test Accuracy Studies**

|  |  |  |
| --- | --- | --- |
| **Kriteria Penilaian JBI** | **Toualbia, Meriem et al. 2018** | **Chingwaru, W., & Vidmar, J. 2017** |
| Was a consecutive or random sample of patients enrolled? | No | No |
| Was a case control design avoided? | Yes | Yes |
| Did the study avoid inappropriate exclusions? | Yes | Yes |
| Were the index test results interpreted without knowledge of the results of the reference standard? | Yes | Yes |
| If a threshold was used, was it pre-specified? | Yes | Yes |
| Is the reference standard likely to correctly classify the target condition? | Yes | Yes |
| Were the reference standard results interpreted without knowledge of the results of the index test? | Yes | Yes |
| Was there an appropriate interval between index test and reference standard? | Yes | Yes |
| Did all patients receive the same reference standard? | Yes | Yes |
| Were all patients included in the analysis? | Yes | Yes |
| **Total** | **9/10** | **9/10** |