

Evaluation of Primary Literature Checklist

Article Title: _____

| | Checklist item | Y/N | S/W | Justification |
|-----|---|-------|--------------|---------------|
| 1. | Is the journal in which the article appears considered to be a reputable one? | | | |
| 2. | Is the title consistent with the scope of the summary? | | | |
| 3. | Are the investigators considered to be reliable and was the study conducted in a reputable medical center or university teaching hospital? If not, is the location adequate for application of good scientific experimental method? | | | |
| 4. | Are the objectives and/or hypothesis (i.e., purpose) of the study clearly defined? | | | |
| 5. | Was a power calculation performed? | | | |
| 6. | How many patients were enrolled in the study? | N=___ | X | |
| 7. | Were inclusion and exclusion criteria appropriate for the purposes of the study? | | | |
| 8. | In addition to inclusion/exclusion criteria, was adequate pertinent patient information provided? (e.g. disease severity, demographics, previous treatment failure, smoking status, lifestyle habits, etc.)? | | | |
| 9. | Were recruitment methods targeted toward persons likely to be representative of the applicable population? | | | |
| 10. | Was the trial prospective or retrospective? | | | |
| 11. | Was a control established? | | | |
| 12. | If so, was the type of control appropriate? | | | |
| 13. | Were the study drug and control treatments allocated in a random manner? (If given, what was the method of randomization used?) | | | |
| 14. | Were characteristics of the groups similar after randomization? | | | |
| 15. | Was the study blinded? | | | |
| 16. | If so, were blinding techniques appropriate to the study? | | | |
| 17. | Were drug doses and regimens appropriate? (e.g. within known therapeutic ranges, safe, proper interval, equally effective doses when active drugs are compared?) | | | |
| 18. | Was the treatment duration adequate for assessing the treatment effect? | | | |
| 19. | Were any drugs used concurrently? | | | |

| | Checklist item | Y/N | S/W | Justification |
|--|---|------------|------------|----------------------|
| 20. | Was concurrent drug use discussed? | | | |
| 21. | Were outcome measures subjective or objective? | | | |
| 22. | Were the persons responsible for assessment of outcome measures described adequately (e.g. authors, physicians, pharmacists, nurses, non-clinicians, etc.)? | | | |
| 23. | Did authors discuss any factors or influences that may have affected the results of the outcome measures? (If applicable, please note any that were not discussed by the authors) | | | |
| 24. | Were there any problems in the reporting or accuracy of the results (e.g. did text and table/graph data agree, any missing data?) | | | |
| 25. | Were side effects reported? | | | |
| 26. | Were the nature and incidence of the side effects reported? | | | |
| 27. | Were dropouts reported? | | | |
| 28. | Were the precise reasons for dropouts discussed? | | | |
| 29. | Were dropouts accounted for statistically (e.g. intent-to-treat analysis)? | | | |
| 30. | If a power calculation was performed, was power met at the end of the study? | | | |
| 31. | Were all statistical tests used appropriate for the type of data (nominal, ordinal, or interval) being analyzed? | | | |
| 32. | Were the authors' conclusions and/or recommendations consistent with the results obtained? | | | |
| 33. | Does the article provide a reference list to verify footnoted citations? | | | |
| Other strengths/weakness specific to this article | | | | |
| 1. | | | | |
| 2. | | | | |
| 3. | | | | |

