

JAANP Journal Club

Journal article critical reading and critique form

Summary:

|  |  |
|--|--|
| Title of Article:  |  |
| Author(s) affiliations:  |  |
| Year of Publication:   |  |
| Type of Study (i.e. RCT, retrospective review, meta-analysis, case series) |  |

Introduction and Background:

|   |  |
|---|--|
| What is the knowledge “gap” that is addressed by the study? |  |
| Is there a summary of previous evidence?                    |  |
| What is the objective or hypothesis?                        |  |

Study design/methodology:

|  |  |
|--|--|
| Setting of the study (where was it conducted and who were the subjects?) |  |
| Inclusion criteria   |  |
| Exclusion criteria   |  |
| Primary intervention   |  |
| Desired outcome(s)   |  |
| Statistical approach   |  |

Results:

|   |  |
|---|--|
| Final study population  |  |
| Total excluded (and why)  |  |
| Baseline characteristics of population (balanced? Significant differences?) |  |
| Summarize primary outcome   |  |
| Summary of secondary outcomes   |  |
| Summary of relevant Tables or Figures                                       |  |
| Author conclusions  |  |

Appraisal of study:

|   |  |
|---|--|
| Is the research question a valid one?                           |  |
| Are the authors qualified to conduct the study?                 |  |
| Does the study design allow for answering the stated objective? |  |
| Was the study population appropriate?                           |  |
| Were the inclusion/exclusion criteria appropriate?              |  |
| Are there concerns with the statistical methodology?            |  |
| Are there problems with the sample size?                        |  |
| Were the groups comparable?                                     |  |
| Do the study conclusions address the stated study objective?    |  |
| Are the conclusions supported by the results?                   |  |
| Do you agree with the author's conclusions?                     |  |
| Will this study impact clinical practice or future research?    |  |