Rubric for Assignment #3 (scientific paper evaluation & presentation)

Name\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_ Date\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_ Grade

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|  | **D-F** | **C- / C/ C+** | **B- /B/ B+** | **A-, A** |
| **Introduction** | Very general overview of the topic addressed by the paper but questions addressed by study and hypotheses not presented | Very general overview of the topic addressed by the paper, presentation of hypotheses and specific question incomplete | Presents most of the background information including objective & hypotheses as stated in the article | Clearly presents the background of the study: what is known already and what question the study wants to answer, as well as their hypotheses 🡪 if the paper doesn’t clearly describe these aspects: points out this shortcoming and gives own view of study aims |
| **Methods** | Details necessary to judge the quality and significance of the study are not presented clearly | Describes some details necessary to judge the quality and significance of the study | Describes most details necessary to judge the quality and significance of the study | Describes all details necessary to judge the quality and significance of the study (e.g. the sample characteristics, paradigm, outcome measures and statistical analyses) |
| **Results** | No clear description of the key findings | Describes part of the key findings | Clearly describes most key findings, uses some graphs to illustrate findings | Clearly describes all key findings, uses graphs to illustrate findings and explains them adequately |
| **Discussion / Conclusion** | Key conclusions not presented, no critical evaluation of main findings | Review of key conclusions. Some discussion of the main findings. | Strong review of key conclusions.  Some critical evaluation of findings and interpretation. Gives some insights on impact | Strong review of key conclusions. Strong critical evaluation of the findings and their interpretation by the authors. Insightful discussion of impact of findings for society/patients |
| **Ethical concerns** | No reflection on ethics | Some reflection on ethics but not addressing the key issues | Identifies and describes some of the main relevant ethical concerns | Identifies most crucial potential ethical concerns associated with the research evaluated and clearly describes them |
| **Clarity** | No clear structure, most information presented in an unclear way | Most of the important information is presented but lacking clear structure and/or clarity | Clear structure of the talk, gives sufficient detail | Clear structure of the talk, gives sufficient detail without overloading the slides, speaks clearly and not too fast while referring to slides and making contact with audience |
| **Critical evaluation of other group presentation** | No relevant feedback | Gives some constructive feedback on presentation | Identifies strong points in the critical discussion, gives some constructive feedback on presentation | Raises key questions and concerns not addressed by the presenters, gives constructive feedback on presentation (addressing clarity, completeness, illustration, body language) |