Scientific Research – Scoring Rubric

Scientific Content (up to 20 points)

I. Purpose: Hypothesis, Aim, or Objective (0-2 points) — Assigned Score _____/2

_____ Clearly explained hypothesis, aim, or objective (2)
_____ Reasonable explanation of hypothesis, aim, or objective (1)
_____ Hypothesis, aim, or objective **NOT** clearly stated or explained (0)

II. Methods: Study Design (0-10 points) — Assigned Score _____ /10

Explanation

_____ Design is clearly explained (2)
_____ Reasonable explanation of design (1)
_____ Design is **NOT** clearly explained (0)

Design Appropriateness to study

_____ Design maximizes study question (2)
_____ Design appropriate to study question (1)
_____ Unclear design appropriateness (0)

Data Collection

Data collection methods are appropriate and well-described. Higher scores for more complex methods (e.g., prospective longitudinal > cross sectional > retrospective data collection)

_____ Highly appropriate, complex, and well-explained (4)
_____ Appropriate, moderately complex, and explained (3)
_____ Somewhat appropriate with basic complexity and some explanation (2)
_____ Minimally appropriate with limited explanation (1)
_____ Data collection methods are **NOT** appropriate or not discussed (0)

Design Flaws

_____ Design flaws recognized, clearly described, and potential impact on results is acknowledged or explained (1)
_____ Flaws in design are significant and/or not recognized (0)

Study Population/Participant Selection

Participants represent a population historically underrepresented in research, vulnerable or difficult to access, or research poor setting

_____ Yes (1)
_____ No (0)

III. Results (0-4 points) — Assigned Score _____/4

Analysis

_____ Well described data analysis (advanced approach) (2)
_____ Basic analysis, appropriate for stated design (1)
_____ No/Limited explanation of the employed statistics (0)

Explanation

_____ Results are clearly explained and match methods (1)
_____ Results are **NOT** explained well with extraneous information or missing (0)

Organization

_____ Results are well organized and abstract is clearly written (1)
_____ Results are **NOT** organized well or abstract is poorly written (0)

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IV. Conclusion (0-1 points) — Assigned Score _____/1

Conclusion

_____ Conclusions are supported by results (1)
_____ Conclusions are insufficient or **NOT** well supported by results (0)

V. Overall Impact (0-3 points) — Assigned Score _____/3

Innovative content that can change/challenge how attendees conduct clinical practice, education, research, programming, and merit for oral presentation consideration. Higher points for the potential for results to be used in near future (rather than needing several further steps before rolling out) (0/3)

_____ (3) Outstanding _____ (2) Strong _____ (1) Okay _____ (0) Not good

Total Score for Scientific Content _____ /20

VI. Additional Questions

Are there ethical or other concerns or should this abstract be rejected?

_____ No
_____ Yes - briefly justify:

Optional anonymous feedback to authors: If applicable, please provide any anonymous feedback that may be helpful to the submitter. Please note that your feedback will be shared directly with authors without review or editing.