Appendix D: Modified Fresno Rubric[19,22]

    I.   Formulate an answerable research question using the PICO format.

Rubric	P	I	C	O
Excellent (3 points)	Multiple relevant descriptors	Specific intervention	Identifies specific treatment intervention	Identifies specific, quantifiable outcome
Strong (2 points)	1-2 general descriptors	Mentions type of intervention without specifics	Mentions type of comparison without specifics	Mentions outcome, may not be quantifiable
Limited (1 point)	1-2 broad descriptors	Intervention mentioned but unlikely to contribute to search	Mentions comparison but unlikely to contribute to search or comparison is of the same intervention	Outcome is vague
Not evident (0 points)	None of the above is present	None of the above is present	No comparison mentioned	No outcome mentioned

    II.   Search the medical database for evidence to answer your PICO question. Describe your search strategy. Include specific PICO terms and search categories (fields) searched. Explain your rationale for taking this approach. Include database limiters and rationale for limiter use.

Rubric	Search terms	Limiters
Excellent (3 points)	3 or more search terms that reflect the PICO question being considered	Describes more than one approach to limiting search results (e.g., type of evidence or population or date)
Strong (2 points)	2 terms from PICO question	Describes only 1 common method of limiting a search
Limited (1 point)	1 term from PICO	N/A
No evidence (0 points)	No evidence present	No evidence present

References:

19. Menard L, Blevins AE, Trujillo DJ, Lazarus KH. Integrating evidence-based medicine skills into a medical school curriculum: a quantitative outcomes assessment. BMJ Evid-Based Med. 2021 Oct;26(5):249–50. doi:10.1136/bmjebm-2020-111391

22. Ramos KD, Schafer S, Tracz SM. Validation of the Fresno test of competence in evidence-based medicine. BMJ. 2003 Feb 8;326(7384):319. doi:10.1136/bmj.326.7384.319