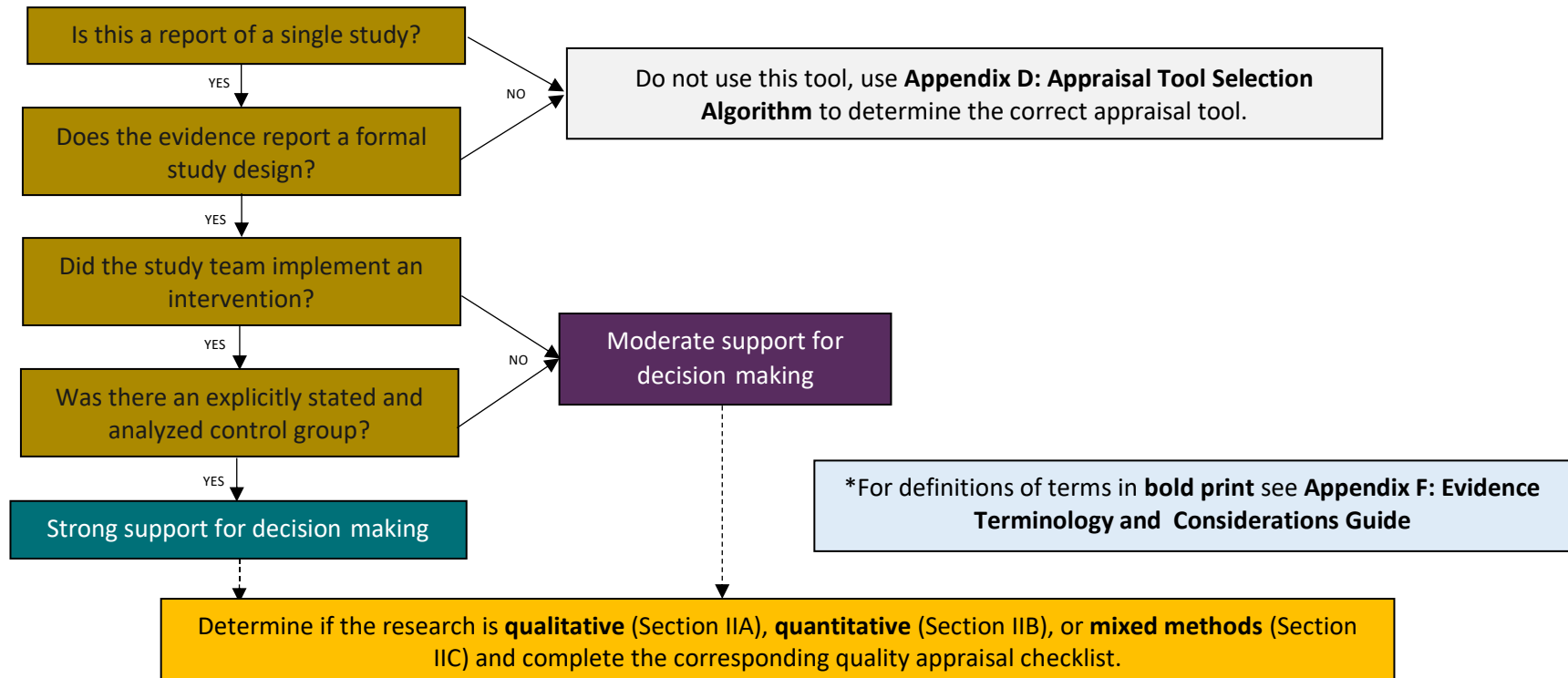


Appendix E2

Single Study Evidence Appraisal Tool

Section I: Level of Support for Decision-Making

Complete the decision tree below to determine the level of support for decision-making.



Fill in this data collection table after completing the quality assessment below (see Instructions in **Appendix G2: Individual Evidence Summary Tool** for more information)

Article number	Author, date, title	Type of evidence	Population, size, and setting	Intervention	Findings that help answer the EBP question	Measures used	Limitations	Level of support for decision-making

Section II: Quality Appraisal				
Complete the checklist below for the corresponding type of evidence.				
Section IIA: Qualitative Evidence				
	Yes	No	Unclear	N/A
Introduction/Background				
1. Is a logical background and rationale for the study explained using current literature?				
2. Is the purpose/objective of the study clear?				
Methods				
1. Is the study design and guiding theory or model provided with the reason it was chosen?				
2. Is the study setting clearly described (including location, dates, and other important details) to enhance transferability ?				
3. Is the process for recruiting participants (sampling) explained clearly, and does it match the study's aim(s)?				
4. Do the eligibility criteria (rules for who can join the study) make sense, and are they easy to understand?				
5. Is the sample size adequate, as shown by reaching data saturation ?				
6. Are important characteristics of the group they studied (sample) provided (e.g., how many participants or encounters were involved, demographics, or other details about the participants or things being studied)?				
7. Did the authors address reflexivity (how their background or experience might have affected the study)?				
8. Are the data collection methods clear and appropriate (this includes how they gathered and recorded the information)?				
9. Are data processing methods clear and appropriate (this includes how the data was transcribed and checked) to enhance credibility ?				
10. Are the methods to analyze the data well explained (this includes what computer programs they used and how they coded the data to find patterns or themes) to enhance confirmability ?				
11. Are the intervention(s) clearly described?				
12. Is there information on the ethical review provided?				
13. In addition to the items above, did the authors answer all of your questions about how they conducted their study [include notes about additional concerns]?				
Results/Findings				
1. Do the findings make sense, and are they easy to understand?				

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	Yes	No	Unclear	N/A
2. Are themes or patterns identified clearly?				
3. Do the authors provide enough quotations, detailed observations, or other proof to support their findings?				
Discussion				
1. Does the discussion match what is reported in the results section?				
2. Do the authors examine what they found and compare it to other literature on the topic?				
3. Are limitations included with an explanation of how they were handled?				
4. Do the authors provide implications of their study for practice and future investigation?				
General				
1. Is all the information in the paper congruent (consistent throughout the aims, methods, results, and discussion sections)?				
2. Are funding and conflicts of interest addressed?				
Consider all of your responses above. Do you think the quality of this article is adequate to provide dependable information to answer your EBP question?	☐ Yes → <i>Include, complete data collection table on page 1</i> ☐ No → <i>Exclude, set aside, and note exclusion for tracking</i>			
Section IIB: Quantitative Evidence				
	Yes	No	Unclear	N/A
Introduction/Background				
1. Is a logical background and rationale for the study explained using current literature?				
2. Is the purpose/objective of the study clear?				
Methods				
1. Is the study design clearly stated?				
2. Is the study setting clearly described (including location, dates, and other important details) to enhance generalizability ?				
3. Is the process for recruiting participants (sampling) explained clearly, and does it match the study's aim(s)?				
4. Do the eligibility criteria (rules for who can join the study) make sense, and are they easy to understand?				
5. Is the sample size powered adequately (a calculation or other explanation for how the authors decided how many participants or observations to include)?				
6. Did the authors clearly state what they wanted to measure?				

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	Yes	No	Unclear	N/A
7. Are the data collection methods clear and appropriate (this includes how they gathered and recorded the information)?				
a) If applicable, were all the tools reliable ?				
b) If applicable, were all the tools valid ?				
8. Are the methods to analyze the data well explained (this includes what computer programs they used, how they made calculations, or anything else they did to explore the data)?				
9. If applicable, are the intervention(s) clearly described?				
10. If there was randomization ,				
a) Was true randomization used to put people in the control and intervention groups?				
b) Other than the intervention being studied, were the intervention and control groups treated similarly?				
11. Is there information on the ethical review provided?				
12. In addition to the items above, did the authors answer all of your questions about how they conducted their study [include notes about additional concerns]?				
Results/Findings				
1. Do the findings make sense, and are they easy to understand?				
2. Are characteristics of the participants provided (this may include demographics or other important details about the participants or things being studied)?				
3. If applicable, was the survey response rate provided?				
4. If applicable, are attrition rates provided (this includes how many people remained with the study at each stage)?				
5. Is data provided for each item that the authors stated they wanted to measure?				
6. If applicable, are the baseline characteristics of the intervention and control groups similar?				
7. Are any statistics shown clearly?				
Discussion				
1. Does the discussion match what is reported in the results section?				
2. Do the authors examine what they found and compare it to other literature on the topic?				
3. Are limitations included with an explanation of how they were handled?				
4. Do the authors provide implications of their study for practice and future investigation?				

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	Yes	No	Unclear	N/A
General				
1. Is all the information in the paper congruent (consistent throughout the aims, methods, results, and discussion sections)?				
2. Are funding and conflicts of interest addressed?				
Consider all of your responses above. Do you think the quality of this article is adequate to provide dependable information to answer your EBP question?	☐ Yes → <i>Include, complete data collection table on page 1</i>			
	☐ No → <i>Exclude, set aside, and note exclusion for tracking</i>			
Section IIC: Mixed Methods Evidence				
	Yes	No	Unclear	N/A
Background/Introduction				
1. Is a logical background and rationale for the review explained using current literature?				
2. Is the purpose/objective of the study clear?				
Methods				
1. Is the study design and mixed methods approach clearly stated with an explanation of why it was chosen?				
2. Is the study setting clearly described (including location, dates, and other important details) to enhance generalizability ?				
3. Is the process for recruiting participants (sampling) explained clearly, and does it match the study's aim(s)?				
4. Do the eligibility criteria (rules for who can join the study) make sense, and are they easy to understand?				
5. Is the sample size adequate...				
a) For the qualitative portion (this includes evidence of data saturation)?				
b) For the quantitative portion (this includes adequate power , a calculation, or other explanation for how the authors decided how many participants or observations to include)?				
6. Did the authors clearly state what they wanted to measure or describe?				
7. Did the authors address reflexivity (how their background or experience might have affected the study)?				
8. If applicable, are the intervention(s) clearly described?				
9. Are the data collection methods clear and appropriate (this includes how they gathered and recorded the information)?				
a) If applicable, were all the tools reliable ?				

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	Yes	No	Unclear	N/A
b) If applicable, were all the tools valid ?				
10. In the qualitative section, are data processing methods clear and appropriate (this includes how the data was transcribed and checked) to enhance credibility ?				
11. Are the methods to analyze the data well explained...				
a) For the qualitative section (this includes coding and generation of themes)?				
b) For the quantitative section (this includes what computer programs they used, how they made calculations, or anything else they did to explore the data)?				
12. If there was randomization ,				
a) Was true randomization used to put people in the control and intervention groups?				
b) Other than the intervention being studied, were the intervention and control groups treated similarly?				
13. Do the authors truly use and integrate both qualitative and quantitative methodologies to collect and analyze data?				
14. Is there information on the ethical review provided?				
15. In addition to the items above, did the authors answer all of your questions about how they conducted their study? [include notes about additional concerns]				
Results				
1. Do the findings make sense, and are they easy to understand?				
2. Are characteristics of the participants provided (this may include demographics or other important details about the participants or things being studied)?				
3. If applicable, was the survey response rate provided?				
4. If applicable, are attrition rates provided (this includes how many people remained with the study at each stage)?				
5. Is data provided for each item the authors stated they wanted to measure or describe?				
6. In the qualitative section, do the authors provide enough quotations, detailed observations, or other proof to support their findings?				
7. In the quantitative section, are the statistics shown clearly?				
8. If applicable, are the baseline characteristics of the intervention and control groups similar?				
9. Are any statistics shown clearly?				

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	Yes	No	Unclear	N/A
Discussion				
1. Does the discussion match what is reported in the results section?				
2. Do the authors fully integrate the qualitative and quantitative data to create a deeper understanding?				
3. Do the authors examine what they found and compare it to other literature on the topic?				
4. Are limitations included with an explanation of how they were handled?				
5. Do the authors provide implications of their study for practice and future investigation?				
General				
1. Is all the information in the paper congruent (consistent throughout the aims, methods, results, and discussion sections)?				
2. Are funding and conflicts of interest addressed?				
Consider all of your responses above. Do you think the quality of this article is adequate to provide dependable information to answer your EBP question?	☐ Yes → <i>Include, complete data collection table on page 1</i>			
	☐ No → <i>Exclude, set aside, and note exclusion for tracking</i>			