

CASP Checklist: For Cohort Studies

Reviewer Name:	
Paper Title:	
Author:	
Web Link:	
Appraisal Date:	

During critical appraisal, never make assumptions about what the researchers have done. If it is not possible to tell, use the "Can't tell" response box. If you can't tell, at best it means the researchers have not been explicit or transparent, but at worst it could mean the researchers have not undertaken a particular task or process. Once you've finished the critical appraisal, if there are a large number of "Can't tell" responses, consider whether the findings of the study are trustworthy and interpret the results with caution.

Section A: Are the results valid?				
1. Did the study address a clearly focused issue?	Yes No Can't Tell			
CONSIDER: A question can be 'focused' in terms of the population studied the risk factors studied is it clear whether the study tried to detect a bene the outcomes considered	eficial or harmful effect			
2. Was the cohort recruited in an acceptable way?	Yes No Can't Tell			
 CONSIDER: Look for selection bias which might compromise the generalisability of the findings: was the cohort representative of a defined population was there something special about the cohort was everybody included who should have been 				
3. Was the exposure accurately measured to minimise bias?	Yes No Can't Tell			
CONSIDER: Look for measurement or classification bias: did they use subjective or objective measurements do the measurements truly reflect what you want them to (have they been validated) were all the subjects classified into exposure groups using the same procedure				
4. Was the outcome accurately measured to minimise bias?	Yes No Can't Tell			
CONSIDER: Look for measurement or classification bias:				
 did they use subjective or objective measurements do the measurements truly reflect what you want them to (have they been validated) has a reliable system been established for detecting all the cases (for measuring disease occurrence) were the measurement methods similar in the different groups were the subjects and/or the outcome assessor blinded to exposure (does this matter) 				
5. (a) Have the authors identified all important confounding factors?	Yes No Can't Tell			

CONSIDER:				
 list the ones you think might be important, and ones the author missed 				
b) Have they taken account of the confounding factors in the design and/or analysis?	Yes No Can't Tell			
CONSIDER:				
 look for restriction in design, and techniques e.g. modelling, stratified-, regression-, or sensitivity analysis to correct, control or adjust for confounding factors 				
6. a) Was the follow up of subjects complete enough?	Yes No Can't Tell			
 CONSIDER: the persons that are lost to follow-up may have different outcomes than those available for assessment in an open or dynamic cohort, was there anything special about the outcome of the people leaving, or the exposure of the people entering the cohort 				
b) Was the follow up of subjects long enough?	Yes No Can't Tell			
CONSIDER: • the good or bad effects should have had long en	ough to reveal themselves			
Section B: What are the results?				
7. What are the results of this study?	Yes No Can't Tell			
 CONSIDER: what are the bottom line results have they reported the rate or the proportion between the exposed/unexposed, the ratio/rate difference how strong is the association between exposure and outcome (RR) what is the absolute risk reduction (ARR) 				
8. How precise are the results?	Yes No Can't Tell			

• look for the range of the confidence intervals, if given			
9. Do you believe the results?	Yes No Can't Tell		
 CONSIDER: big effect is hard to ignore can it be due to bias, chance or confounding are the design and methods of this study suffic Bradford Hills criteria (e.g. time sequence, dos consistency) 			
Section C: Will the results help locally?			
10.Can the results be applied to the local population?	Yes No Can't Tell		
 CONSIDER: Is a cohort study the appropriate method to an If the subjects covered in this study could be succoncern If your local setting is likely to differ much from If you can quantify the local benefits and harm. 	fficiently different from your population to cause that of the study		
11.Do the results of this study fit with other available evidence?	Yes No Can't Tell		
12.What are the implications of this study for practice?	Yes No Can't Tell		
 CONSIDER: one observational study rarely provides sufficient clinical practice or within health policy decision for certain questions, observational studies preservational studies			

- for certain questions, observational studies provide the only evidence recommendations from observational studies are always stronger when supported by other evidence •

APPRAISAL SUMMARY: List key points from your critical appraisal that need to be considered when assessing the validity of the results and their usefulness in decision-making.

Positive/Methodologically	Negative/Relatively poor	Unknowns
sound	methodology	

Referencing recommendation:

CASP recommends using the Harvard style referencing, which is an author/date method. Sources are cited within the body of your assignment by giving the name of the author(s) followed by the date of publication. All other details about the publication are given in the list of references or bibliography at the end.

Example:

Critical Appraisal Skills Programme (2024). CASP (insert name of checklist i.e. qualitative studies Checklist.) [online] Available at: insert URL. Accessed: insert date accessed.

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