



CASE-CONTROL (INCLUDING HARM) CHECKLIST

How do you rate this paper? 1 2 3 4 5 6 7 8 9 10

1.0 OBJECTIVES AND HYPOTHESES

1.1	Are the objectives of the study clearly stated?	
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2.0 DESIGN

2.1	Is the study design suitable for the objectives?	
2.2	Who/what was studied?	
2.3	Was this the right sample to answer the objectives?	
2.4	Did this include a clearly identified comparison group, identical in all aspects other than the exposure?	
2.5	Did the exposure precede outcome?	
2.6	Is the study large enough to achieve its objectives? Have sample size estimates been performed?	
2.7	Were all subjects accounted for?	
2.8	Were all appropriate outcomes considered?	
2.9	Has ethical approval been obtained if appropriate?	

3.0 MEASUREMENT AND OBSERVATION

3.1	Is it clear what was measured, how it was measured and what the outcomes were?	
3.2	Were the exposures to the agent and outcomes measured in the same way in all of the groups compared?	
3.3	Were the assessments of exposure blinded to outcome?	
3.4	Was follow up sufficiently long and complete?	
3.5	Are the measurements valid?	
3.6	Are the measurements reliable?	
3.7	Are the measurements reproducible?	

4.0 PRESENTATION OF RESULTS

4.1	Are the basic data adequately described?	
4.2	Are the results presented clearly, objectively and in sufficient detail to enable readers to make their own judgement?	
4.3	Can you construct a 2x2 table of exposure and outcome?	
4.4	Was there a dose response effect?	
4.5	Are the results internally consistent, i.e. do the numbers add up properly?	

5.0 ANALYSIS

5.1	Are the data suitable for analysis?	
5.2	Are the methods appropriate to the data?	
5.3	Are any statistics correctly performed and interpreted?	
5.4	Are relative risks or odds presented with confidence intervals?	

6.0 DISCUSSION

6.1	Are the results discussed in relation to existing knowledge on the subject and study objectives?	
6.2	Is a causal relationship between exposure and outcome suggested?	
6.3	If so, is this causal relationship justified?	
6.4	Is the discussion biased?	

7.0 INTERPRETATION

7.1	Are the authors' conclusions justified by the data?	
7.2	What level of evidence has this paper presented? (using CEBM levels)	
7.3	Does this paper help me answer my problem?	

How do you rate this paper now?

1 2 3 4 5 6 7 8 9 10

In addition, answer the following questions with regards to local practice.

8.0 IMPLEMENTATION

8.1 Can any necessary change be implemented in practice?	
8.2 What aids to implementation exist?	
8.3 What barriers to implementation exist?	