

## Appraisal of Cross-sectional Studies

	Question	Yes	No	Don't know/ Comment
<b>Introduction</b>				
1	Were the aims/objectives of the study clear?	Yes		
<b>Methods</b>				
2	Was the study design appropriate for the stated aim(s)?	Yes		
3	Was the sample size justified?	Yes		
4	Was the target/reference population clearly defined? (Is it clear who the research was about?)	Yes		
5	Was the sample frame taken from an appropriate population base so that it closely represented the target/reference population under investigation?	Yes		
6	Was the selection process likely to select subjects/participants that were representative of the target/reference population under investigation?	Yes		
7	Were measures undertaken to address and categorise non-responders?			NA
8	Were the risk factor and outcome variables measured appropriate to the aims of the study?	Yes		
9	Were the risk factor and outcome variables measured correctly using instruments/measurements that had been trialled, piloted or published previously?	Yes		
10	Is it clear what was used to determine statistical significance and/or precision estimates? (e.g. p-values, confidence intervals)	Yes		
11	Were the methods (including statistical methods) sufficiently described to enable them to be repeated?	Yes		
<b>Results</b>				
12	Were the basic data adequately described?	Yes		
13	Does the response rate raise concerns about non-response bias?			NA
14	If appropriate, was information about non-responders described?			NA
15	Were the results internally consistent?	Yes		
16	Were the results presented for all the analyses described in the methods?	Yes		
<b>Discussion</b>				
17	Were the authors' discussions and conclusions justified by the results?	Yes		
18	Were the limitations of the study discussed?	Yes		
<b>Other</b>				
19	Were there any funding sources or conflicts of interest that may affect the authors' interpretation of the results?		No	
20	Was ethical approval or consent of participants attained?			NA