

## Form for assessing study quality

<b>Overall assessment</b>	High quality <input type="checkbox"/>	Moderate quality <input type="checkbox"/>	Low quality <input type="checkbox"/>
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Author: .....

Publishing year: .....

Title: .....

Exposure measure: .....

Outcome measure: .....

<b>A1. Potential selection bias</b>	<b>Yes</b>	<b>No</b>	<b>Lack of info</b>	<b>Not applicable</b>
a) Where the participants recruited in a similar way?	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
b) Where the groups studied assembled in a sufficiently similar way, a part from the occupational exposure?	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Comments:				

<b>A2. Potential bias in exposure</b>	<b>Yes</b>	<b>No</b>	<b>Lack of info</b>	<b>Not applicable</b>
a) Where the circumstances (except for occupational exposure) similar for the participants?	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
b) Where potential confounders adequately handled in the study?	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Comments:				

<b>A3. Potential bias in outcome measures</b>	<b>Yes</b>	<b>No</b>	<b>Lack of info</b>	<b>Not applicable</b>
a) Was the outcome measure objective?	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
b) Where those who evaluated the outcome unaware of the participants' occupational exposure?	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
c) Was the outcome appropriately defined?	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
d) Was the outcome appropriately measured?	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
e) Was the outcome measured with defined methods and technologies?	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
f) Where the methods and technologies used in the study validated?	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
g) Does the analysis take variations over time in account?	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
h) Was the outcome measured at appropriate points in time?	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
i) Has the statistical analysis taken correction of imbalances in baseline variables between groups with different exposures in to account in an adequate manner?	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
j) If several observers took part - was the intra-observer reliability acceptable?	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
k) Has the study applied appropriate statistical methodology?	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Comments:				

<b>A4. Potential bias in loss to follow-up</b>	<b>Yes</b>	<b>No</b>	<b>Lack of info</b>	<b>Not applicable</b>
a) Was the drop-out of participants during the time to follow-up described?	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
b) Was the number of drop-outs balanced between the groups?	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
c) Were relevant variables at baseline comparable for drop-outs among participants with vs without occupational exposure?	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
d) Was the statistical handling of drop-outs adequate?	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Comments:				

<b>A5. Potential bias in reporting results</b>	<b>Yes</b>	<b>No</b>	<b>Lack of info</b>	<b>Not applicable</b>
a) Was the outcome measured in some other way than by self-assessment?	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
b) Was the outcome reported in an adequate way?	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Comments:				

<b>Overall risk for bias</b>	<b>Unclear</b>	<b>Low</b>	<b>Moderate</b>	<b>High</b>
A1) Selection bias	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
A2) Bias in exposure	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
A3) Bias in outcome measures	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
A4) Bias in loss to follow-up	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
A5) Bias in reporting results	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
<b>Overall risk for bias</b>	Unclear <input type="checkbox"/>	Low <input type="checkbox"/>	Moderate <input type="checkbox"/>	High <input type="checkbox"/>
Comments:				

<b>B. Conflict of interests</b>	<b>Yes</b>	<b>No</b>	<b>Lack of info</b>	<b>Not applicable</b>
a) Is it a low risk that the study's results were affected by conflicts of interest, based on the bindings stated by the authors?	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
b) Is it a low risk that the results were affected by a sponsor with financial interest in the outcome?	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Comments:				

<b>C. Transferability</b>	<b>Yes</b>	<b>No</b>	<b>Partially</b>	<b>Not applicable</b>
a) Is the study's context consistent with the focus of the present review?	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Comments:				

<b>D. Study design and statistical methodology</b>	<b>Yes</b>	<b>No</b>	<b>Partia</b>	<b>Not applicable</b>
a) Is the study design adequate for the investigated research question?	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
b) Is the study design and number of participants adequate to obtain statistical power?	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
c) Where the associations high (e.g. odds ratio <0.5 or odds ratio >2.0) between occupational exposure and symptoms of depression/burnout?	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
d) Where the associations very high (e.g. odds ratio <0.2 or odds ratio >5.0) between occupational exposure and symptoms of depression/burnout?	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
e) Is there a correlation between dose and response for occupational exposure and symptoms of depression/burnout?	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Comments:				