

Literature Critique Criteria for Cross-Sectional studies-tabular form

Criteria	Green	Yellow	Red	Comments
Sampling frame	Representative of present and past workers in an industry	Representative of present workers in an industry	Likely not to represent present workers in an industry	Outcome data on both present and past workers allows accounting for workers who discontinue work due to illness
Time frame and duration of exposure	Data on exposure reliably reflect exposure during time frame longer than any plausible induction period for disease; current and cumulative exposures are measured	Data on exposure may reflect exposure during time frame longer than any plausible induction period for disease; current and cumulative exposures are measured	Data on exposure duration not collected, or unlikely to precede induction period of disease; current exposures only	Stable characteristics such as sex, anthropometric data, long-term exposures (years of underground mining, pack-years smoking, radiation dosimetry) may measure cumulative exposure to the factor in question, and reflect temporal relationship between exposure and disease
Case workplace survival	Duration of disease (survival in the workplace) is shown to be the same in exposed and unexposed cases	Duration of disease (survival in the workplace) may be the same in exposed and unexposed cases, but data is lacking	Duration of disease (survival in the workplace) is likely to be different in exposed and unexposed cases	If affected workers who are exposed are more likely to discontinue work than affected workers who are unexposed, the association between exposure and disease is likely to be underestimated
Exposure	See cohort study			
Outcome	See cohort study			
Participation	See cohort study			

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rates				
Confounders	See cohort study			
Blinding of outcome assessment	See cohort study			
Blinding of participants	See cohort study			
Sponsorship and competing interests	See cohort study			
Reporting of precision of main results	See cohort study			
Biological plausibility	See cohort study			
Statistical power	See cohort study			
Statistical assumptions	See cohort study			
Statistical analysis	See cohort study			

Cumulative Trauma Conditions - 2016