



## **Bilaga till rapport**

1 (17)

Arbetsmiljöns betydelse för hjärt-  
kärlsjukdom - Exponering för kemiska  
ämnen, rapport 261 (2017)

### **Bilaga 4 Artiklar som experterna bedömt inte uppfyller specificerade relevans- respektive kvalitetskrav**

### **Artiklar som experterna bedömt inte uppfyller specificerade relevanskriterier**

Ett av de problem som vi hade i urvalsprocessen var att några studier kunde ha flera artiklar som inkluderade liknande sambandsanalyser där en viss undersökningsgrupp följts under samma period, med samma exponeringsmått och samma utfall. Skillnaden mellan publikationerna har då till exempel bestått i att en artikel dessutom kombinerat med ett annat exponeringsmått eller att man gjort alternativa specialanalyser av olika avgränsningar av det som skulle definieras som exponering. När ett och samma expertpar ställts inför detta har en gallring ägt rum antingen i relevanssteget eller i kvalitetsbedömningen. Om sådana liknande artiklar bedömts i olika expertpar har alla utom en artikel sorterats bort i sista steget, före evidensgraderingen. Principen har varit att en viss kohort inte får vägas in flera gånger om en viss sambandsanalys förekommit flera gånger. Den skulle då ha kommit att få en oproportionerligt stor betydelse i evidensgraderingen.

### **Lista över artiklar i bokstavsordning**

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### Artiklar som experterna bedömt inte uppfyller specificerade kvalitetskriterier

Ett av de problem som vi hade i urvalsprocessen var att några studier kunde ha flera artiklar som inkluderade liknande sambandsanalyser där en viss undersökningsgrupp följts under samma period, med samma exponeringsmått och samma utfall. Skillnaden mellan publikationerna har då till exempel bestått i att en artikel dessutom kombinerat med ett annat exponeringsmått eller att man gjort alternativa specialanalyser av olika avgränsningar av det som skulle definieras som exponering. När ett och samma expertpar ställts inför detta har en gallring ägt rum antingen i relevanssteget eller i kvalitetsbedömningen. Om sådana liknande artiklar bedömts i olika expertpar har alla utom en artikel sorterats bort i sista steget, före evidensgraderingen. Principen har varit att en viss kohort inte får vägas in flera gånger om en viss sambandsanalys förekommit flera gånger. Den skulle då ha kommit att få en oproportionerligt stor betydelse i evidensgraderingen.

### Lista över artiklar i bokstavsordning

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## Artiklar som exkluderats sent i processen (under tabelleringsfasen)

Artiklar som exkluderats sent	Skäl
Abraham, J. H. and C. P. Baird (2012). "A case-crossover study of ambient particulate matter and cardiovascular and respiratory medical encounters among US military personnel deployed to southwest Asia." J Occup Environ Med 54(6): 733-739.	Blandat utfallsmått, där sjukdomar i andningsvägarna blandas med hjärt-kärlsjukdom (går inte att ta ut data enbart för hjärt-kärlsjukdom)
Chevrier, J., S. Picciotto and E. A. Eisen (2012). "A comparison of standard methods with g-estimation of accelerated failure-time models to address the healthy-worker survivor effect: application in a cohort of autoworkers exposed to metalworking fluids." Epidemiology 23(2): 212-219.	Metodstudie om healthy worker survival effect och hur olika analys metoder kan minimera denna
Forman, S. A., J. C. Helmkamp and C. M. Bone (1987). "Cardiac morbidity and mortality associated with occupational exposure to 1,2 propylene glycol dinitrate." J Occup Med 29(5): 445-450.	Ej redovisning av exponeringsmätning I relation till arbetet
Hammar, N., L. Alfredsson, M. Smedberg and A. Ahlbom (1992). "Differences in the incidence of myocardial infarction among occupational groups." Scand J Work Environ Health 18(3): 178-185.	Ej redovisning av exponeringsmätning I relation till arbetet
Ledda, C., M. Fiore, L. Santarelli, M. Bracci, G. Mascali, G. D'Agati M, A. Busà, M. Ferrante and V. Rapisarda (2015). "Gestational Hypertension and Organophosphorus Pesticide Exposure: A Cross-Sectional Study." BioMed Research International 2015.	Tvärsnittsdesign och det går inte att separera arbetsrelaterad exponering med icke-arbetsrelaterad
Nurminen, M. and S. Hernberg (1985). "Effects of intervention on the cardiovascular mortality of workers exposed to carbon disulphide: a 15 year follow up." Br J Ind Med 42(1): 32-35.	Flera studier finns av samma författar på samma kohort. Andra studier av kohorten har inkluderats



<p>Picciotto, S., A. Peters and E. A. Eisen (2015). "Hypothetical exposure limits for oil-based metalworking fluids and cardiovascular mortality in a cohort of autoworkers: structural accelerated failure time models in a public health framework." <i>Am J Epidemiol</i> 181(8): 563-570.</p>	<p>Hypotetisk beräkning av hur många liv som skulle ha sparats om tröskelvärdena för exponering för skärvätskor varit lägre.</p>
<p>Ronneberg, A., A. Andersen and K. Skyberg (1988). "Mortality and incidence of cancer among oil exposed workers in a Norwegian cable manufacturing company: Part 2 mortality and cancer incidence 1953-84." <i>British Journal of Industrial Medicine</i> 45(9): 595-601.</p>	<p>Liknande studie av samma författare inkluderad</p>
<p>Tolonen, M., S. Hernberg, M. Nurminen and K. Tiitola (1975). "A follow up study of coronary heart disease in viscose rayon workers exposed to carbon disulphide." <i>British Journal of Industrial Medicine</i> 32(1): 1-10.</p>	<p>Samma population som flera andra artiklar (som inkluderats)</p>
<p>Yankelevitz, D. F., C. I. Henschke, R. Yip, P. Boffetta, J. Shemesh, M. D. Cham, J. Narula and H. S. Hecht (2013). "Second-hand tobacco smoke in never smokers is a significant risk factor for coronary artery calcification." <i>JACC Cardiovasc Imaging</i> 6(6): 651-657.</p>	<p>Ej acceptabelt utfallsmått</p>