**Economic evaluation of occupational safety and health interventions from employers’ perspective: A Systematic Review**1

Supplementary tables A-B-C

**Table A. Form of eligibility criteria**

|  |  |  |  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| References |  | Is the paper relevant to OSH? | Does the paper include economic evaluation? | Is the intervention from an employer’s perspective? | Does the paper include description of economic analysis? | Does the paper include description of the costs? | Does the paper include any economic consequences? | **Results** | Health category; target problem | Comments |
|  | Reviewer 1 | Yes | Yes | Yes | Yes | Yes | Yes | **include** |  |  |
| No | No | No | No | No | No | **exclude** |
| Reviewer 2 | Yes | Yes | Yes | Yes | Yes | Yes | **include** |  |  |
| No | No | No | No | No | No | **exclude** |
| Reviewer 3 (if required) | Yes | Yes | Yes | Yes | Yes | Yes | **include** |  |  |
| No | No | No | No | No | No | **exclude** |

**Table B. List of excluded full-text articles during the eligibility assessment**

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| 19 | Becker, L. R., et al. (2000). Methods for evaluating a mature substance abuse prevention/early intervention program. *Journal of Behavioral Health Services and Research,* 27(2): 166-177. |
| 20 | Bee, P. E., et al. (2010). Improving health and productivity of depressed workers: A pilot randomized controlled trial of telephone cognitive behavioral therapy delivery in workplace settings. *General Hospital Psychiatry*, 32(3): 337-340. |
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**Table C. Search strategies**

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| --- | --- |
| **Databases** | **Search terms** |
|  |  |
| Medline (OVID) | 1. exp Workplace/  2. (worker\* or workplac\* or worksite\* or work-site\* or employ\* or compan\*).ti,ab,kf.  3. 1 or 2  4. exp Occupational Diseases/  5. exp Accidents, Occupational/  6. exp Occupational Health Services/  7. exp Occupational Health/  8. exp Occupations/  9. occupation\*.ti,ab,kf.  10. 4 or 5 or 6 or 7 or 8 or 9  11. exp Program Evaluation/  12. (intervent\* or safety or prevent\* or program\* or treatment\* or screening\*).ti,ab,kf.  13. prevention & control.fs.  14. 11 or 12 or 13  15. exp Cost-Benefit Analysis/  16. (cost\* adj3 (effect\* or benefit\*)).ti,ab,kf.  17. ((economic\* or business\*) adj3 evaluat\*).ti,ab,kf.  18. economics.fs.  19. 15 or 16 or 17 or 18  20. 3 and 10 and 14 and 19  21. (employer\* adj3 perspective\*).ti,ab,kf.  22. 20 or 21  23. limit 22 to yr="2005 -Current" |
| EMBASE.com | #22  #21 AND (2005:py OR 2006:py OR 2007:py OR 2008:py OR 2009:py OR 2010:py OR 2011:py OR 2012:py OR 2013:py OR 2014:py OR 2015:py OR 2016:py)  #21  #19 OR #20  #20  (employer\* NEAR/3 perspective\*):ab,ti  #19  #4 AND #10 AND #14 AND #18  #18  #15 OR #16 OR #17  #17  ((economic\* OR business\*) NEAR/3 evaluat\*):ab,ti  #16  (cost\* NEAR/3 (effect\* OR benefit\*)):ab,ti  #15  'economic evaluation'/exp  #14  #11 OR #12 OR #13  #13  intervent\*:ab,ti OR safety:ab,ti OR prevent\*:ab,ti OR program\*:ab,ti OR treatment\*:ab,ti OR screening\*:ab,ti  #12  'prevention'/exp  #11  'program evaluation'/exp  #10  #5 OR #6 OR #7 OR #8 OR #9  #9  occupation\*:ab,ti  #8  'occupation'/exp  #7  'occupational health'/exp  #6  'occupational accident'/exp  #5  'occupational disease'/exp  #4  #1 OR #2 OR #3  #3  worker\*:ab,ti OR workplac\*:ab,ti OR worksite\*:ab,ti OR 'work-site\*':ab,ti OR employ\*:ab,ti OR compan\*:ab,ti  #2 'employer'/exp  #1 'workplace'/exp |

|  |  |
| --- | --- |
| Web of Science Core Collection | 1. (worker\* or workplac\* or worksite\* or work-site\* or employ\* or compan\*)  2. (occupation\*)  3. (intervent\* or safety or prevent\* or program\* or treatment\* or screening\*)  4. (cost\* NEAR/3 (effect\* or benefit\*)) OR ((economic\* or business\*) NEAR/3 evaluat\*)  5. 1 and 2 and 3 and 4  Timespan = 2005-2016  6. (employer\* NEAR/2 perspectiv\*)  Timespan = 2005-2016  7. 6 OR 5 |
| Cochrane Library (Wiley) | 1. (worker\* or workplac\* or worksite\* or work-site\* or employ\* or compan\*)  2. (occupation\*)  3. (intervent\* or safety or prevent\* or program\* or treatment\* or screening\*)  4. (cost\* NEAR/3 (effect\* or benefit\*)) OR ((economic\* or business\*) NEAR/3 evaluat\*)  5. 1 and 2 and 3 and 4  Publication Year from 2005 to 2016  6. (employer\* NEAR/2 perspectiv\*)  Publication Year from 2005 to 2016 |
| PubMed (not Medline) | (((((employer\*[Title/Abstract] AND perspectiv\*[Title/Abstract])))  OR  (((((worker\*[Title/Abstract] OR workplac\*[Title/Abstract] OR worksite\*[Title/Abstract] OR work-site\*[Title/Abstract] OR employ\*[Title/Abstract] OR compan\*[Title/Abstract]))  AND  occupation\*[Title/Abstract])  AND  (intervent\*[Title/Abstract] OR safety[Title/Abstract] OR prevent\*[Title/Abstract] OR program\*[Title/Abstract] OR treatment\*[Title/Abstract] OR screening\*[Title/Abstract]))  AND  (((cost[Title/Abstract] costs[Title/Abstract]) AND (effect\*[Title/Abstract] OR benefit\*[Title/Abstract])) OR ((economic\*[Title/Abstract] OR business\*[Title/Abstract]) AND evaluat\*[Title/Abstract])))))  NOT  medline[sb] |